



Vista Laboratories, Inc.
1261 Puerta DI Sol
San Clemente, CA 92673

Phone: (949) 393-1123
Web: www.vista-compliance.com
Email: info@vista-compliance.com

Report#	HME-23113061-L-ANT
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Antenna Gain Measurement Report

Test Report Number	HME-23113061-L-ANT
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Product Name	Wireless Beltpack
Product Model	1409
Antenna description	Embedded 5GHz Omni-directional Antenna
Antenna Part Number	W3713-2904237 W3714-2904383
Date of Receipt	12/05/2022
Date of Test	12/01/2023- 12/04/2023
Report Issue Date	12/21/2023



Issued by:

Vista Compliance Laboratories

1261 Puerta Del Sol, San Clemente, CA 92673 USA

www.vista-compliance.com

Minoush

Minoush Niknam (Test Engineer)

David Zhang

David Zhang (Technical Manager)

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REVISION HISTORY

Report Number	Version	Description	Issued Date
HME-23113061-L-ANT	01	Initial report	12/21/2023



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1. General Information

Product / Antenna Photo

	
Product Photo Top View	Product Internal Photo (Antenna location)
	
W3713-2904237 Antenna assembly (Right antenna)	W3714-2904383 Antenna assembly (Left antenna)
	
W3713-2904237 Antenna Element (Right antenna)	W3714-2904383 Antenna Element (Left antenna)



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Product Information

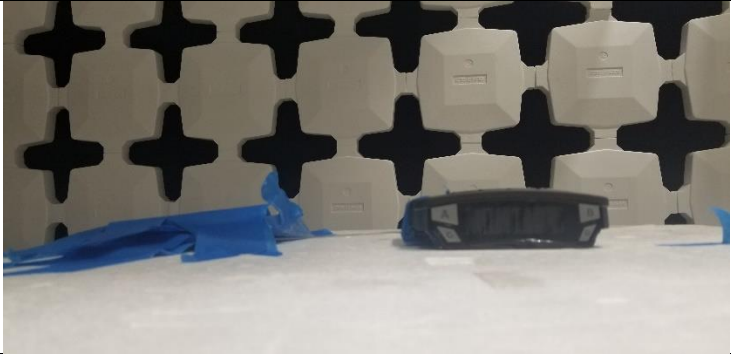
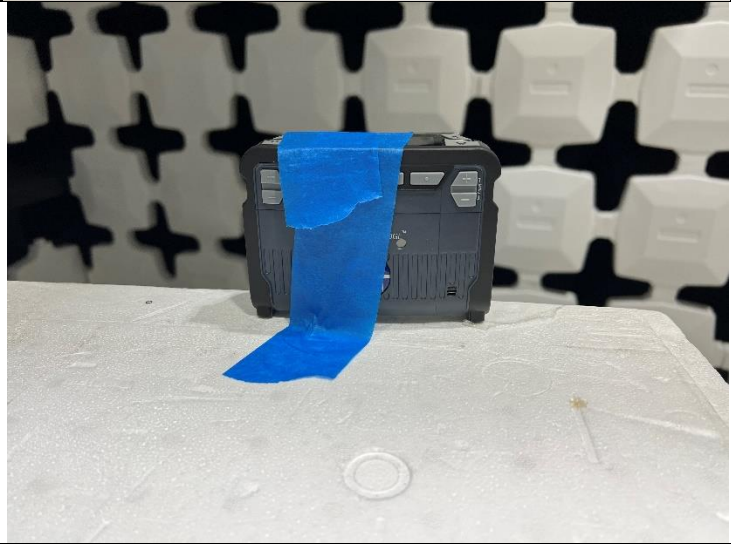
Product Name	Wireless Beltpack
Model Number	1409
Serial Number	083DC44F 2023-11
Frequency Band	BLE: 2402-2480MHz 5Ghz-20MHz: 5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz
Type of Modulation	BLE: GFSK 5GHz: OFDM
Antenna Information	BLE: Internal PCB antenna, 2.5 dBi gain 5GHz: 2 x Embedded omni-directional antenna, 2.88 dBi gain
Input Power	3.6VDC (battery), 5V/3A (USB-C adapter)
Additional Info	EUT has two 5GHz antennas, but these two antennas do not transmit simultaneously. The 5GHz antenna gain was measurement with antenna installed inside the product.

Antenna Information

Antenna assembly manufacturer	HM Electronics, Inc.
Antenna vendor	PulseLARSEN
Antenna Type	Omni-directional antenna
Antenna Name	Embedded 5GHz Omni-directional antenna
Antenna Part Number	W3713-2904237 (Right antenna) W3714-2904383 (Left antenna)
Antenna Frequency Range	5150 - 5250 MHz 5250 - 5350 MHz 5470 - 5725 MHz 5725 - 5850 MHz
Antenna Connector	U.FL
Antenna Length	10.5 x3.2 x 2.4 mm
Antenna Diameter	N/A
VSWR	2:1
Peak Gain for antenna assembly	2.88 dBi (Left antenna) 2.50 dBi (Right antenna)
Radiation Pattern	Omni
Impedance	50 Ω
Input Power / Power withstanding	5W



2. Antenna Configuration/Orientation

Description	Photo
XY plane/orientation 	
XZ plane/orientation 	
YZ plane/orientation 	

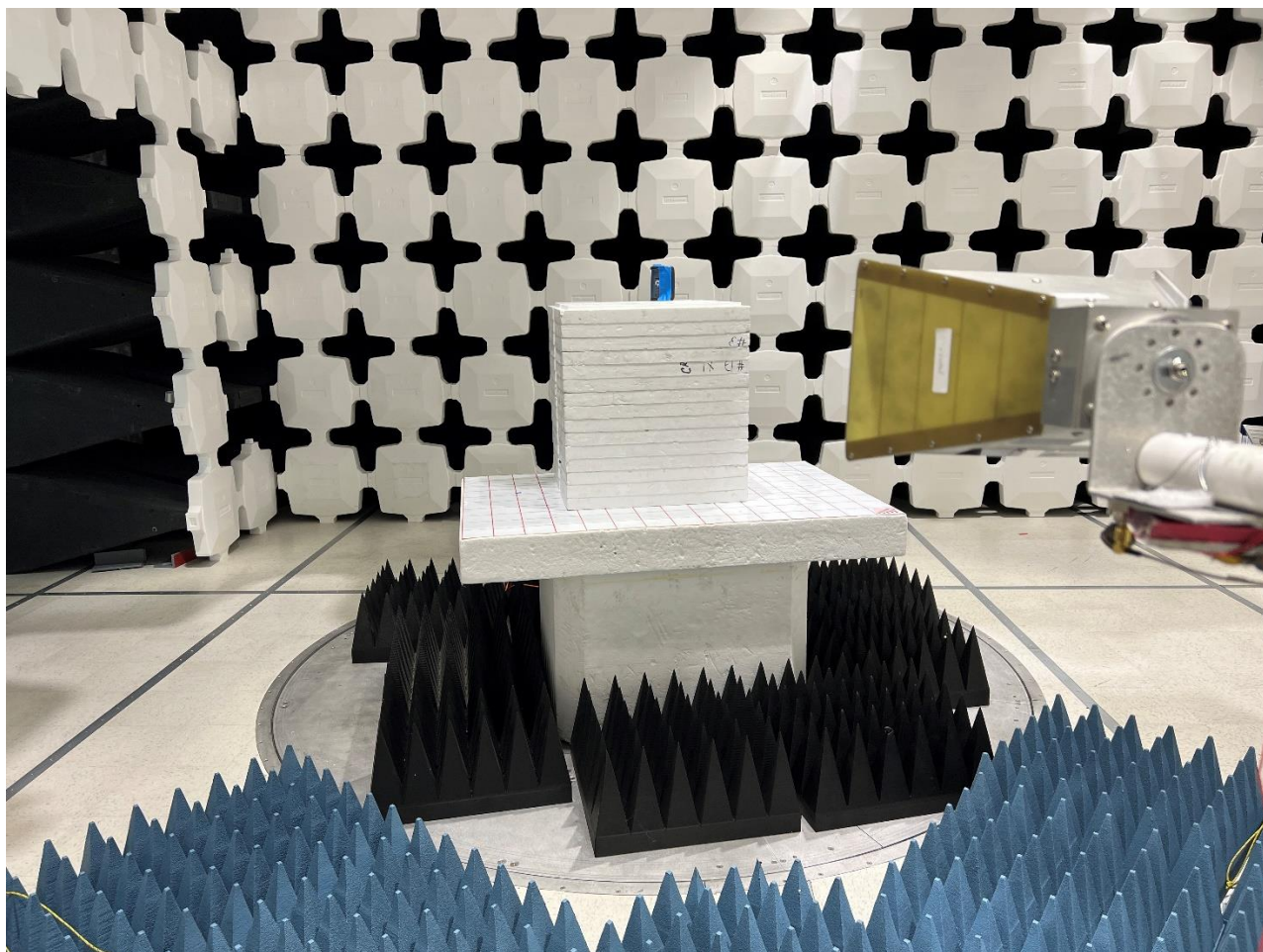


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3. Test Setup Photos



Test Setup Front View



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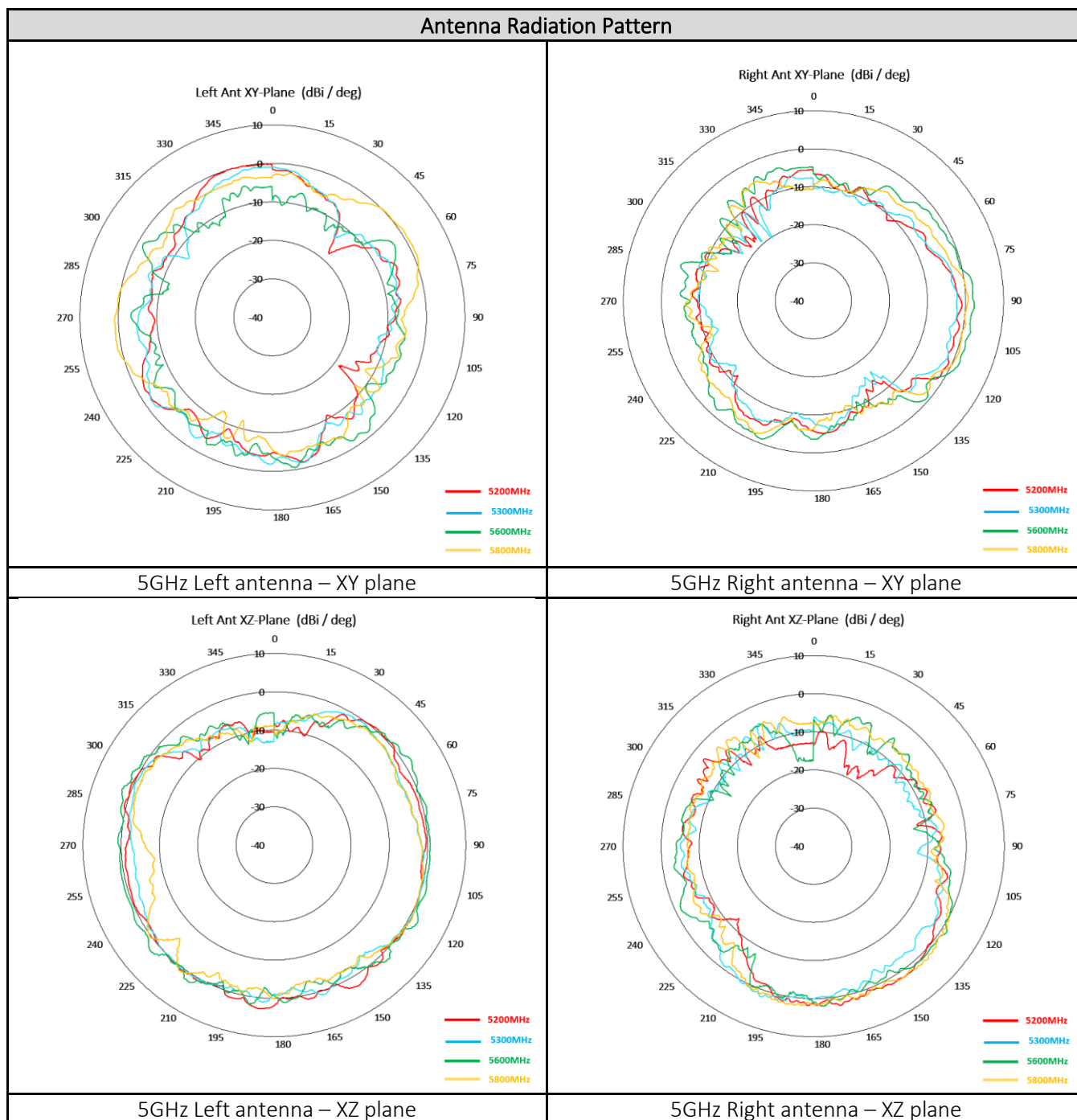
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4. Antenna Gain Measurement Result

Frequency (MHz)	Peak Gain(dBi)	
	W3713-2904237 (Right antenna)	W3714-2904383 (Left antenna)
5200	2.34	2.88
5300	1.89	1.51
5600	2.38	2.57
5800	2.50	1.86



5. Antenna Radiation Pattern

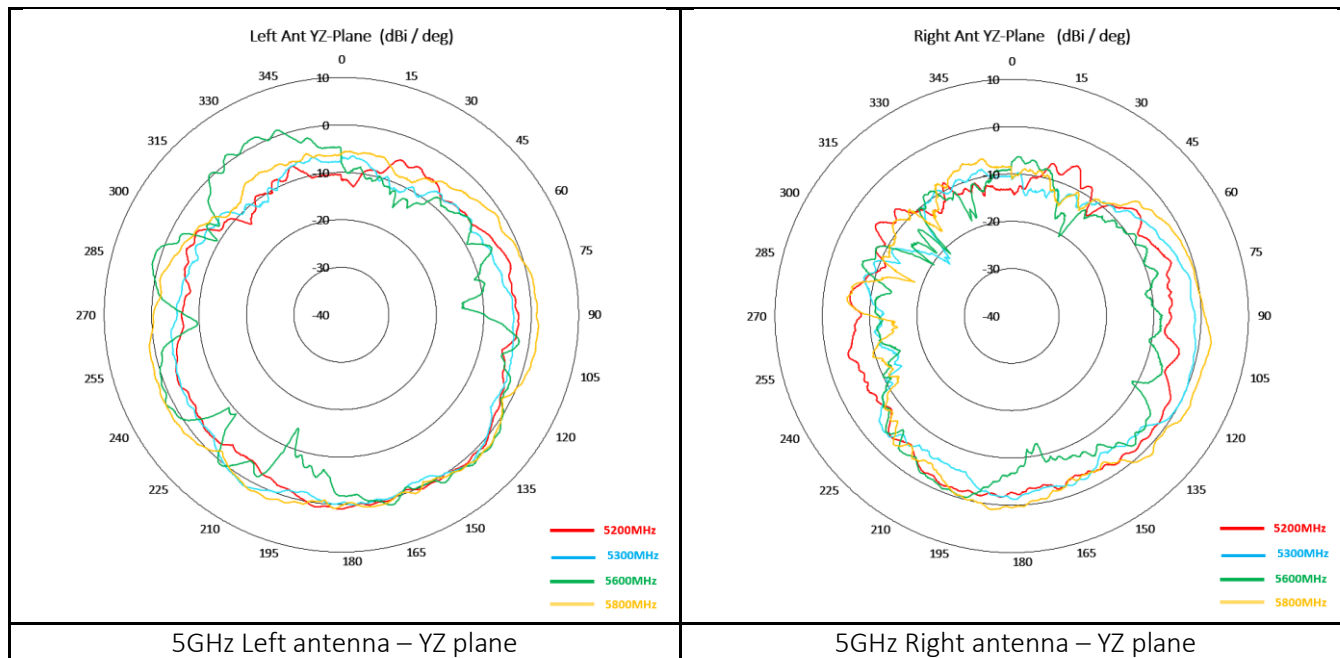




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Left antenna gain data

5GHz Left antenna – XY plane (dBi/deg)				
Degree /Freq.	5200 MHz	5300 MHz	5600 MHz	5800 MHz
0.2	-1.562	-1.044	-9.57	-3.218
0.4	-1.587	-1.017	-9.243	-3.073
0.7	-1.648	-1.003	-9.022	-3.06
0.9	-1.660	-1.064	-8.614	-2.924
1.1	-1.729	-1.066	-8.54	-2.835
1.3	-1.765	-1.034	-8.381	-2.825
1.6	-1.813	-1.077	-8.287	-2.737
1.8	-1.814	-1.12	-8.423	-2.684
2.0	-1.847	-1.171	-8.456	-2.735
2.2	-1.849	-1.206	-8.531	-2.735
2.5	-1.895	-1.192	-8.612	-2.718
2.7	-1.916	-1.312	-8.621	-2.719
2.9	-1.864	-1.323	-8.825	-2.727
3.1	-1.875	-1.282	-8.953	-2.787
3.4	-1.860	-1.391	-9.145	-2.882
3.6	-1.825	-1.399	-9.399	-2.976
3.8	-1.814	-1.38	-9.451	-2.972
4.0	-1.772	-1.356	-9.685	-3.007
4.3	-1.748	-1.373	-10.223	-3.021
4.5	-1.710	-1.335	-10.505	-3.037
4.7	-1.747	-1.317	-10.655	-2.887
4.9	-1.776	-1.355	-10.844	-2.938
5.2	-1.735	-1.361	-10.73	-2.919
5.4	-1.749	-1.416	-10.773	-2.871
5.6	-1.694	-1.392	-10.65	-2.724
5.8	-1.709	-1.466	-10.472	-2.63
6.1	-1.734	-1.478	-10.399	-2.633
6.3	-1.769	-1.536	-10.294	-2.583
6.5	-1.828	-1.536	-10.182	-2.503
6.7	-1.809	-1.64	-10.109	-2.396
7.0	-1.861	-1.642	-9.97	-2.325
7.2	-1.952	-1.561	-10.017	-2.298
7.4	-2.014	-1.667	-9.654	-2.32
7.6	-2.083	-1.695	-9.314	-2.275
7.9	-2.171	-1.679	-9.016	-2.285
8.1	-2.179	-1.605	-8.785	-2.309
8.3	-2.290	-1.686	-8.554	-2.267
8.5	-2.333	-1.731	-8.496	-2.293
8.8	-2.356	-1.749	-8.248	-2.418
9.0	-2.460	-1.766	-8.209	-2.456
9.2	-2.546	-1.79	-8.185	-2.553
9.4	-2.546	-1.874	-8.164	-2.671
9.7	-2.650	-1.891	-8.187	-2.743
9.9	-2.718	-1.976	-8.284	-2.871
10.1	-2.739	-1.963	-8.398	-2.963
10.3	-2.773	-2.096	-8.368	-3.048
10.6	-2.807	-2.177	-8.154	-3.098
10.8	-2.887	-2.244	-8.059	-3.212
11.0	-2.890	-2.378	-8.194	-3.214
11.2	-2.996	-2.41	-8.03	-3.374
11.5	-3.037	-2.422	-7.735	-3.369
11.7	-3.120	-2.526	-7.578	-3.42
11.9	-3.173	-2.644	-7.336	-3.562
12.1	-3.264	-2.683	-7.33	-3.609
12.4	-3.421	-2.646	-7.201	-3.646
12.6	-3.517	-2.796	-7.059	-3.805
12.8	-3.522	-2.835	-6.987	-3.878
13.0	-3.738	-2.906	-6.877	-3.978
13.3	-3.913	-2.919	-6.913	-4.117
13.5	-4.036	-2.953	-6.937	-4.127
13.7	-4.155	-2.981	-6.885	-4.138
13.9	-4.319	-3.055	-6.964	-4.235
14.2	-4.476	-3.15	-7.015	-4.064
14.4	-4.475	-3.226	-7.124	-4.162
14.6	-4.603	-3.318	-7.255	-4.135
14.8	-4.654	-3.402	-7.368	-4.122
15.1	-4.680	-3.449	-7.469	-3.995
15.3	-4.739	-3.621	-7.53	-4.194
15.5	-4.728	-3.771	-7.933	-4.194
15.7	-4.661	-3.912	-8.127	-4.281
16.0	-4.615	-4.099	-8.198	-4.264
16.2	-4.637	-4.254	-8.519	-4.371
16.4	-4.559	-4.36	-8.737	-4.441
16.6	-4.483	-4.458	-8.991	-4.51
16.9	-4.565	-4.525	-9.257	-4.721
17.1	-4.495	-4.59	-9.682	-4.941
17.3	-4.576	-4.67	-9.94	-5.048
17.5	-4.573	-4.65	-10.179	-5.195
17.8	-4.618	-4.576	-10.618	-5.403
18.0	-4.701	-4.7	-10.966	-5.301
18.2	-4.778	-4.674	-11.097	-5.408
18.4	-4.824	-4.755	-10.968	-5.634
18.7	-4.973	-4.737	-10.769	-5.513
18.9	-5.033	-4.754	-10.664	-5.573
19.1	-5.145	-4.751	-10.624	-5.533
19.3	-5.230	-4.817	-10.541	-5.557

5GHz Left antenna – XZ plane (dBi/deg)				
Degree /Freq.	5200 MHz	5300 MHz	5600 MHz	5800 MHz
0.2	-8.238	-9.173	-10.559	-11.12
0.4	-8.467	-8.836	-10.857	-11.129
0.7	-8.722	-8.618	-11.084	-11.083
0.9	-8.908	-8.557	-11.309	-11.051
1.1	-8.874	-8.397	-11.521	-11.195
1.3	-9.084	-8.295	-11.705	-10.961
1.6	-9.044	-8.017	-11.924	-10.367
1.8	-9.033	-8.121	-12.166	-10.585
2.0	-9.015	-8.163	-11.482	-10.425
2.2	-8.666	-8.165	-10.823	-10.506
2.5	-8.621	-8.031	-10.605	-10.257
2.7	-8.506	-8.058	-10.489	-10.317
2.9	-8.231	-8.085	-10.738	-9.98
3.1	-7.985	-8.043	-10.397	-10.36
3.4	-7.856	-7.832	-10.19	-10.037
3.6	-7.773	-7.852	-10.385	-9.892
3.8	-7.577	-7.952	-10.536	-10.133
4.0	-7.554	-7.974	-10.688	-9.966
4.3	-7.31	-7.839	-10.645	-9.805
4.5	-7.424	-7.879	-10.722	-9.678
4.7	-7.62	-7.861	-11.249	-9.268
4.9	-7.573	-8.057	-11.298	-9.342
5.2	-7.631	-7.873	-10.55	-9.165
5.4	-7.958	-7.803	-10.359	-8.843
5.6	-8.142	-7.727	-10.474	-8.445
5.8	-8.224	-7.77	-9.967	-8.355
6.1	-8.603	-7.511	-8.646	-8.192
6.3	-8.755	-7.636	-8.376	-7.98
6.5	-8.905	-7.506	-8.289	-7.755
6.7	-9.314	-7.45	-8.171	-7.636
7.0	-9.55	-7.427	-7.844	-7.619
7.2	-9.613	-7.444	-7.428	-7.669
7.4	-9.761	-7.462	-7.332	-7.647
7.6	-9.855	-7.373	-7.201	-7.75
7.9	-9.994	-7.288	-6.602	-7.576
8.1	-9.991	-7.234	-6.24	-7.162
8.3	-9.999	-7.351	-6.176	-7.256
8.5	-9.965	-7.379	-6.319	-7.343
8.8	-10.038	-7.286	-6.28	-7.108
9.0	-9.781	-7.268	-5.974	-6.978
9.2	-9.842	-7.161	-5.752	-7.376
9.4	-9.762	-7.189	-5.527	-7.338
9.7	-9.41	-7.08	-5.645	-7.42
9.9	-9.425	-7.084	-5.797	-7.606
10.1	-9.335	-7.065	-5.568	-7.496
10.3	-9.131	-6.984	-5.508	-7.588
10.6	-9.133	-6.923	-5.559	-7.467
10.8	-8.929	-6.932	-5.642	-7.437
11.0	-8.803	-7.015	-5.757	-7.199
11.2	-8.78	-6.853	-5.822	-7.163
11.5	-8.666	-6.769	-5.903	-6.912
11.7	-8.643	-6.922	-6.08	-6.576
11.9	-8.704	-6.916	-6.161	-6.523
12.1	-8.878	-6.801	-6.185	-6.206
12.4	-8.965	-6.821	-6.233	-6.101
12.6	-9.156	-6.835	-6.321	-5.933
12.8	-9.473	-6.807	-6.211	-5.898
13.0	-9.704	-6.816	-6.241	-5.767
13.3	-9.573	-6.769	-6.094	-5.692
13.5	-9.734	-6.653	-5.835	-5.594
13.7	-9.772	-6.574	-5.788	-5.759
13.9	-9.808	-6.55	-5.576	-5.638
14.2	-9.897	-6.53	-5.265	-5.486
14.4	-10.045	-6.527	-5.159	-5.671
14.6	-10.366	-6.286	-5.175	-5.658
14.8	-10.326	-6.205	-4.945	-5.548
15.1	-10.486	-5.969	-4.882	-5.593
15.3	-10.476	-5.832	-4.879	-5.461
15.5	-10.343	-5.742	-4.869	-5.139
15.7	-10.422	-5.589	-4.913	-5.111
16.0	-10.424	-5.395	-4.91	-5.094
16.2	-9.913	-5.166	-4.971	-4.885
16.4	-9.698	-5.024	-5.096	-4.745
16.6	-9.253	-4.896	-5.19	-4.593
16.9	-8.801	-4.888	-5.262	-4.462
17.1	-8.34	-4.728	-5.409	-4.323
17.3	-7.728	-4.533	-5.548	-4.252
17.5	-7.302	-4.419	-5.626	-4.204
17.8	-7.025	-4.362	-5.826	-4.239
18.0	-6.667	-4.203	-5.8	-4.213
18.2	-6.395	-4.103	-5.838	-4.182
18.4	-6.174	-4.046	-5.975	-4.246
18.7	-6.051	-3.958	-6.015	-4.285
18.9	-5.956	-3.832	-6.026	-4.338
19.1	-5.863	-3.763	-6.131	-4.423
19.3	-5.896	-3.699	-6.217	-4.473

5GHz Left antenna – YZ plane (dBi/deg)				
Degree /Freq.	5200 MHz	5300 MHz	5600 MHz	5800 MHz
0.2	-11.557	-6.733	-8.187	-6.104
0.4	-11.523	-6.71	-8.241	-5.936
0.7	-11.541	-6.98	-8.448	-5.775
0.9	-11.698	-7.043	-8.642	-5.721
1.1	-11.53	-6.768	-8.975	-5.741
1.3	-11.513	-6.993	-9.037	-5.644
1.6	-11.572	-6.988	-9.376	-5.466
1.8	-11.546	-6.964	-9.64	-5.534
2.0	-11.578	-7.029	-9.817	-5.627
2.2	-11.496	-7.114	-9.998	-5.569
2.5	-11.535	-7.276	-10.02	-5.599
2.7	-11.675	-7.076	-10.093	-5.636
2.9	-11.743	-7.026	-10.054	-5.566
3.1	-11.785	-6.948	-10.074	-5.495
3.4	-12.085	-6.851	-10.08	-5.618
3.6	-12.104	-6.678	-10.045	-5.526
3.8	-12.071	-6.638	-9.697	-5.645
4.0	-12.253	-6.582	-9.716	-5.727
4.3	-12.388	-6.518	-9.538	-5.782
4.5	-12.434	-6.504	-9.585	-5.763
4.7	-12.634	-6.542	-9.32	-5.829
4.9	-12.684	-6.565	-9.202	-5.807
5.2	-12.706	-6.723	-9.18	-5.81
5.4	-12.939	-6.797	-9.093	-5.869
5.6	-12.784	-6.857	-9.197	-5.845
5.8	-12.826	-6.903	-9.026	-5.906
6.1	-12.564	-6.931	-9.112	-5.998
6.3	-12.509	-6.996	-8.993	-5.933
6.5	-12.127	-6.966	-8.933	-5.915
6.7	-11.981	-6.943	-8.91	-5.852
7.0	-11.744	-6.984	-8.715	-5.796
7.2	-11.508	-7.002	-8.805	-5.755
7.4	-11.355	-7.054	-8.798	-5.605
7.6	-10.917	-7.011	-8.589	-5.731
7.9	-10.71	-7.093	-8.906	-5.676
8.1	-10.4	-7.111	-9.088	-5.569
8.3	-10.113	-7.148	-9.299	-5.518
8.5	-10.112	-7.131	-9.38	-5.522
8.8	-9.833	-7.217	-9.564	-5.524
9.0	-9.627	-7.301	-9.823	-5.477
9.2	-9.53	-7.416	-9.872	-5.57
9.4	-9.458	-7.414	-10.072	-5.601
9.7	-9.31	-7.486	-10.449	-5.566
9.9	-9.308	-7.578	-10.572	-5.53
10.1	-9.204	-7.711	-10.762	-5.495
10.3	-9.135	-7.847	-10.93	-5.53
10.6	-9.06	-7.847	-10.854	-5.499
10.8	-9.052	-8.012	-10.908	-5.591
11.0	-9.054	-8.152	-10.769	-5.509
11.2	-8.858	-8.22	-10.707	-5.564
11.5	-8.889	-8.369	-10.705	-5.641
11.7	-8.919	-8.366	-10.743	-5.616
11.9	-8.871	-8.423	-10.562	-5.744
12.1	-8.908	-8.493	-10.751	-5.786
12.4	-8.786	-8.625	-10.576	-5.804
12.6	-8.832	-8.67	-10.702	-5.777
12.8	-8.824	-8.697	-10.799	-5.807
13.0	-8.752	-8.706	-11.041	-5.841
13.3	-8.787	-8.813	-11.149	-5.678
13.5	-8.812	-8.946	-11.019	-5.748
13.7	-8.806	-9.043	-11	-5.799
13.9	-8.932	-9.232	-10.966	-5.605
14.2	-8.901	-9.108	-10.913	-5.631
14.4	-8.832	-9.521	-10.926	-5.71
14.6	-9.018	-9.71	-10.622	-5.696
14.8	-9.012	-9.95	-10.315	-5.627
15.1	-8.973	-10.162	-10.197	-5.61
15.3	-9.143	-10.326	-9.779	-5.711
15.5	-9.066	-10.532	-9.719	-5.635
15.7	-9.072	-10.537	-9.724	-5.744
16.0	-9.007	-10.596	-9.787	-5.788
16.2	-8.861	-10.819	-9.837	-5.963
16.4	-8.799	-10.609	-9.952	-5.98
16.6	-8.672	-10.457	-10.112	-6.129
16.9	-8.459	-10.322	-10.177	-6.241
17.1	-8.298	-10.207	-10.494	-6.403
17.3	-7.978	-9.874	-10.47	-6.471
17.5	-7.822	-9.84	-10.749	-6.668
17.8	-7.595	-9.768	-10.925	-6.755
18.0	-7.262	-9.601	-11.074	-6.782
18.2	-7.093	-9.522	-11.204	-6.772
18.4	-6.869	-9.416	-11.289	-7.049
18.7	-6.725	-9.386	-11.387	-7.164
18.9	-6.467	-9.509	-11.369	-7.171
19.1	-6.243	-9.521	-11.425	-7.272
19.3	-6.051	-9.581	-11.362	-7.324

19.6	-5.291	-4.894	-10.275	-5.587
19.8	-5.343	-4.823	-10.167	-5.547
20.0	-5.350	-4.972	-10.149	-5.588
20.2	-5.416	-5.013	-9.956	-5.66
20.5	-5.403	-5.006	-9.823	-5.638
20.7	-5.437	-5.158	-9.678	-5.616
20.9	-5.422	-5.152	-9.724	-5.666
21.1	-5.405	-5.092	-9.661	-5.752
21.4	-5.426	-5.186	-9.688	-5.669
21.6	-5.412	-5.221	-9.64	-5.83
21.8	-5.451	-5.254	-9.709	-5.886
22.0	-5.427	-5.278	-9.478	-5.968
22.3	-5.485	-5.146	-9.656	-5.964
22.5	-5.537	-5.37	-9.584	-6.011
22.7	-5.602	-5.338	-9.649	-6.025
22.9	-5.662	-5.376	-9.493	-6.002
23.2	-5.801	-5.371	-9.801	-5.957
23.4	-5.883	-5.403	-9.838	-6.021
23.6	-6.049	-5.348	-9.97	-5.969
23.8	-6.043	-5.446	-9.948	-5.748
24.1	-6.092	-5.558	-9.953	-5.569
24.3	-6.301	-5.607	-9.896	-5.506
24.5	-6.400	-5.707	-9.829	-5.289
24.7	-6.407	-5.741	-9.953	-5.125
25.0	-6.458	-5.82	-9.887	-4.899
25.2	-6.389	-5.953	-9.887	-4.823
25.4	-6.432	-6.006	-9.844	-4.752
25.6	-6.356	-6.166	-9.94	-4.568
25.9	-6.438	-6.201	-9.948	-4.533
26.1	-6.437	-6.322	-9.848	-4.55
26.3	-6.430	-6.351	-9.794	-4.449
26.5	-6.403	-6.325	-9.805	-4.385
26.8	-6.390	-6.366	-9.834	-4.289
27.0	-6.355	-6.263	-9.857	-4.347
27.2	-6.411	-6.21	-9.822	-4.207
27.4	-6.348	-6.266	-9.793	-4.3
27.7	-6.383	-6.223	-9.893	-4.23
27.9	-6.358	-6.226	-10.044	-4.305
28.1	-6.284	-6.215	-10.021	-4.245
28.3	-6.279	-6.252	-10.29	-4.314
28.6	-6.431	-6.241	-10.432	-4.239
28.8	-6.448	-6.259	-10.744	-4.238
29.0	-6.546	-6.296	-11.113	-4.346
29.2	-6.648	-6.324	-11.271	-4.363
29.5	-6.713	-6.433	-11.759	-4.42
29.7	-6.783	-6.482	-12.334	-4.413
29.9	-6.847	-6.459	-12.898	-4.349
30.1	-6.825	-6.685	-12.962	-4.47
30.4	-6.927	-6.799	-13.134	-4.348
30.6	-7.041	-7.006	-13.25	-4.425
30.8	-7.186	-7.108	-13.322	-4.338
31.0	-7.215	-7.281	-13.48	-4.28
31.3	-7.288	-7.493	-13.532	-4.184
31.5	-7.395	-7.737	-13.704	-4.208
31.7	-7.434	-7.835	-13.482	-4.092
31.9	-7.554	-7.85	-13.433	-4.013
32.2	-7.553	-8.116	-13.239	-3.926
32.4	-7.728	-8.255	-12.387	-3.744
32.6	-7.773	-8.305	-12.008	-3.719
32.8	-7.856	-8.482	-11.922	-3.503
33.1	-7.963	-8.524	-11.567	-3.44
33.3	-8.075	-8.636	-11.443	-3.362
33.5	-8.262	-8.751	-11.077	-3.269
33.7	-8.424	-8.839	-11.348	-3.169
34.0	-8.577	-9.036	-11.18	-3.058
34.2	-8.763	-9.119	-11.214	-3.032
34.4	-9.079	-9.461	-11.412	-2.929
34.6	-9.184	-9.513	-11.574	-2.953
34.9	-9.379	-9.771	-11.545	-2.839
35.1	-9.729	-10.249	-11.627	-2.908
35.3	-9.860	-10.471	-11.451	-2.904
35.5	-10.005	-10.918	-11.359	-2.881
35.8	-10.376	-11.183	-11.346	-2.851
36.0	-10.618	-11.451	-11.294	-2.926
36.2	-10.912	-11.843	-10.944	-2.929
36.4	-11.203	-12.203	-10.927	-2.892
36.7	-11.363	-12.651	-10.904	-2.898
36.9	-11.712	-13.008	-10.617	-2.843
37.1	-12.190	-13.221	-10.669	-2.696
37.3	-12.375	-13.439	-10.694	-2.678
37.6	-12.777	-13.483	-10.6	-2.567
37.8	-13.249	-13.689	-10.508	-2.612
38.0	-13.616	-13.787	-10.532	-2.513
38.2	-13.796	-13.759	-10.367	-2.344
38.5	-14.177	-13.638	-10.672	-2.252
38.7	-14.485	-13.351	-10.805	-2.117
38.9	-14.908	-13.428	-10.768	-2
39.1	-15.082	-13.126	-10.844	-1.825
39.4	-15.594	-13.299	-11.092	-1.761

19.6	-5.852	-3.418	-6.144	-4.468
19.8	-5.993	-3.344	-6.238	-4.478
20.0	-6.087	-3.318	-6.263	-4.569
20.2	-6.291	-3.196	-6.236	-4.608
20.5	-6.461	-3.08	-6.294	-4.429
20.7	-6.55	-2.972	-6.415	-4.451
20.9	-6.647	-3.019	-6.265	-4.382
21.1	-6.737	-2.821	-6.154	-4.331
21.4	-6.712	-2.76	-5.67	-4.202
21.6	-6.802	-2.698	-5.634	-4.18
21.8	-6.698	-2.612	-5.62	-3.949
22.0	-6.539	-2.589	-5.621	-3.937
22.3	-6.635	-2.479	-5.559	-3.807
22.5	-6.567	-2.429	-5.724	-3.821
22.7	-6.317	-2.383	-5.79	-3.74
22.9	-6.007	-2.382	-6.052	-3.584
23.2	-5.954	-2.243	-6.181	-3.547
23.4	-5.688	-2.179	-6.316	-3.478
23.6	-5.4	-2.26	-6.358	-3.499
23.8	-5.274	-2.113	-6.288	-3.437
24.1	-5.089	-1.965	-6.329	-3.387
24.3	-4.758	-1.974	-6.024	-3.406
24.5	-4.465	-1.855	-5.881	-3.403
24.7	-4.293	-1.796	-6.234	-3.425
25.0	-4.055	-1.791	-6.375	-3.298
25.2	-3.746	-1.675	-6.282	-3.287
25.4	-3.557	-1.639	-5.933	-3.306
25.6	-3.309	-1.524	-5.614	-3.218
25.9	-3.122	-1.439	-5.428	-3.305
26.1	-2.833	-1.525	-5.113	-3.481
26.3	-2.666	-1.469	-4.817	-3.3
26.5	-2.424	-1.395	-4.626	-3.272
26.8	-2.219	-1.411	-4.335	-3.396
27.0	-2.053	-1.276	-4.117	-3.209
27.2	-1.875	-1.29	-3.884	-3.192
27.4	-1.753	-1.367	-3.63	-3.171
27.7	-1.689	-1.311	-3.482	-3.093
27.9	-1.541	-1.234	-3.33	-3.013
28.1	-1.526	-1.165	-3.238	-2.928
28.3	-1.477	-1.194	-3.142	-2.785
28.6	-1.443	-1.168	-3.102	-2.789
28.8	-1.493	-1.227	-3.028	-2.827
29.0	-1.504	-1.143	-2.937	-2.648
29.2	-1.482	-0.996	-2.905	-2.47
29.5	-1.632	-0.954	-3.089	-2.547
29.7	-1.609	-1.117	-3.172	-2.447
29.9	-1.694	-0.908	-3.321	-2.447
30.1	-1.833	-0.922	-3.432	-2.339
30.4	-1.903	-0.968	-3.596	-2.275
30.6	-1.942	-0.921	-3.737	-2.308
30.8	-2.099	-0.97	-3.926	-2.312
31.0	-2.069	-0.893	-4.018	-2.111
31.3	-2.089	-0.869	-4.119	-2.165
31.5	-2.104	-0.923	-4.087	-2.067
31.7	-2.039	-0.789	-4.096	-2.034
31.9	-1.931	-0.855	-4.091	-2.161
32.2	-1.818	-0.995	-4.212	-2.069
32.4	-1.692	-0.928	-4.044	-1.987
32.6	-1.528	-0.957	-4.025	-2.087
32.8	-1.415	-0.944	-3.77	-2.03
33.1	-1.235	-0.959	-3.47	-1.983
33.3	-1.112	-0.926	-3.362	-2.196
33.5	-0.924	-0.968	-3.282	-2.187
33.7	-0.824	-0.948	-3.085	-2.172
34.0	-0.708	-0.892	-2.977	-2.086
34.2	-0.545	-0.814	-2.811	-2.147
34.4	-0.401	-0.802	-2.581	-2.239
34.6	-0.345	-0.759	-2.525	-2.342
34.9	-0.268	-0.735	-2.412	-2.336
35.1	-0.201	-0.675	-2.242	-2.152
35.3	-0.173	-0.547	-2.031	-2.153
35.5	-0.114	-0.653	-1.974	-2.365
35.8	-0.051	-0.555	-1.871	-2.222
36.0	-0.098	-0.499	-1.625	-2.149
36.2	-0.046	-0.546	-1.611	-1.973
36.4	-0.016	-0.494	-1.502	-2.025
36.7	-0.048	-0.521	-1.43	-1.992
36.9	-0.051	-0.477	-1.301	-1.802
37.1	-0.021	-0.525	-1.22	-1.774
37.3	-0.043	-0.595	-1.079	-1.629
37.6	0.037	-0.617	-0.958	-1.512
37.8	0.051	-0.591	-0.89	-1.496
38.0	0.072	-0.677	-1.05	-1.51
38.2	0.109	-0.782	-0.942	-1.367
38.5	0.114	-0.742	-0.858	-1.391
38.7	0.166	-0.875	-0.921	-1.335
38.9	0.201	-0.922	-0.946	-1.308
39.1	0.242	-0.979	-0.852	-1.358
39.4	0.246	-1.068	-0.998	-1.443

19.6	-5.833	-9.721	-11.335	-7.415
19.8	-5.738	-9.899	-11.357	-7.538
20.0	-5.51	-10.315	-11.421	-7.686
20.2	-5.424	-10.577	-11.22	-7.841
20.5	-5.339	-10.614	-11.342	-7.875
20.7	-5.242	-10.903	-11.237	-7.964
20.9	-5.18	-11.023	-11.443	-8.137
21.1	-5.127	-11.27	-11.574	-8.231
21.4	-5.061	-11.304	-11.76	-8.303
21.6	-5.094	-11.415	-11.941	-8.377
21.8	-5.138	-11.368	-12.39	-8.319
22.0	-5.118	-11.429	-12.725	-8.288
22.3	-5.169	-11.396	-12.48	-8.378
22.5	-5.23	-11.227	-12.013	-8.438
22.7	-5.271	-11.009	-11.831	-8.434
22.9	-5.362	-11.16	-11.69	-8.453
23.2	-5.428	-11.214	-11.587	-8.489
23.4	-5.593	-11.247	-11.587	-8.419
23.6	-5.632	-11.232	-11.601	-8.358
23.8	-5.636	-11.212	-11.789	-8.342
24.1	-5.801	-11.214	-11.898	-8.378
24.3	-5.854	-11.337	-12.202	-8.297
24.5	-5.882	-11.451	-12.586	-8.215
24.7	-5.892	-11.343	-13.059	-8.253
25.0	-5.799	-11.489	-13.621	-8.236
25.2	-5.83	-11.519	-13.769	-8.178
25.4	-5.793	-11.402	-14.546	-8.24
25.6	-5.674	-11.49	-14.99	-8.305
25.9	-5.627	-11.319	-14.609	-8.074
26.1	-5.511	-11.433	-14.136	-8.339
26.3	-5.43	-11.103	-14.022	-8.325
26.5	-5.329	-11.093	-13.96	-8.319
26.8	-5.2	-10.962	-13.688	-8.355
27.0	-5.108	-10.736	-13.278	-8.284
27.2	-4.953	-10.265	-13.043	-8.344
27.4	-4.928	-10.226	-12.82	-8.334
27.7	-4.917	-10.025	-12.522	-8.444
27.9	-4.877	-9.87	-12.377	-8.472
28.1	-4.87	-9.78	-12.339	-8.426
28.3	-4.829	-9.673	-12.265	-8.436
28.6	-4.945	-9.523	-12.266	-8.342
28.8	-4.992	-9.467	-12.124	-8.089
29.0	-4.977	-9.229	-12.144	-8.031
29.2	-5.072	-9.198	-12.166	-8.014
29.5	-5.128	-9.269	-12.23	-7.693
29.7	-5.318	-9.228	-12.19	-7.487
29.9	-5.383	-9.154	-12.09	-7.309
30.1	-5.463	-9.399	-12.409	-7.235
30.4	-5.556	-9.568	-12.197	-7.063
30.6	-5.688	-9.585	-12.28	-6.864
30.8	-5.607	-9.737	-12.652	-6.78
31.0	-5.704	-9.849	-12.903	-6.603
31.3	-5.932	-10.007	-13.062	-6.553
31.5	-5.929	-9.911	-13.295	-6.461
31.7	-5.991	-10.104	-13.653	-6.273
31.9	-6.016	-10.146	-13.523	-6.333
32.2	-6.001	-10.265	-13.265	-6.24
32.4	-5.926	-10.36	-13.176	-6.202
32.6	-5.893	-10.35	-12.926	-6.138
32.8	-5.822	-10.399	-12.704	-6.143
33.1	-5.768	-10.262	-12.374	-6.151
33.3	-5.735	-10.384	-12.23	-6.129
33.5	-5.705	-10.322	-11.986	-6.007
33.7	-5.716	-9.819	-11.926	-6.003
34.0	-5.649	-10.054	-11.783	-6.126
34.2	-5.679	-9.866	-11.573	-6.143
34.4	-5.68	-9.692	-11.49	-6.165
34.6	-5.724	-9.488	-11.509	-6.065
34.9	-5.702	-9.346	-11.419	-6.084
35.1	-5.839	-9.081	-11.489	-5.837
35.3	-5.801	-8.792	-11.302	-5.796
35.5	-5.827	-8.597	-11.409	-5.66
35.8	-5.781	-8.414	-11.374	-5.486
36.0	-5.857	-8.163	-11.258	-5.481
36.2	-5.89	-7.949	-11.13	-5.307
36.4	-5.906	-7.819	-11.118	-5.273
36.7	-5.939	-7.708	-11.085	-5.153
36.9	-6.015	-7.622	-10.874	-5.043
37.1	-6.058	-7.539	-10.719	-4.951
37.3	-6.148	-7.396	-10.25	-4.789
37.6	-6.227	-7.414	-10.036	-4.854
37.8	-6.274	-7.152	-9.695	-4.685
38.0	-6.404	-7.223	-9.603	-4.745
38.2	-6.453	-7.146	-9.05	-4.716
38.5	-6.622	-7.107	-8.775	-4.715
38.7	-6.76	-7.19	-8.644	-4.738
38.9	-6.902	-7.115	-8.488	-4.661
39.1	-7.026	-7.115	-8.286	-4.66
39.4	-7.119	-7.164	-8.093	-4.717

39.6	-15.969	-13.124	-11.02	-1.671
39.8	-15.996	-12.832	-10.896	-1.463
40.0	-16.743	-12.68	-11.039	-1.49
40.2	-16.923	-12.302	-10.742	-1.338
40.5	-17.111	-11.853	-10.688	-1.346
40.7	-17.480	-11.892	-10.687	-1.219
40.9	-17.652	-11.573	-10.661	-1.154
41.1	-17.664	-11.396	-10.442	-1.11
41.4	-17.666	-11.198	-10.372	-1.015
41.6	-17.736	-10.938	-10.178	-0.928
41.8	-17.896	-10.819	-10.219	-0.889
42.0	-17.718	-10.619	-10.182	-0.793
42.3	-17.396	-10.564	-10.15	-0.732
42.5	-17.288	-10.459	-10.306	-0.654
42.7	-17.153	-10.251	-10.17	-0.595
42.9	-16.813	-10.187	-10.103	-0.492
43.2	-16.712	-10.156	-10.106	-0.382
43.4	-16.554	-10.079	-10.036	-0.386
43.6	-16.361	-10.001	-10.005	-0.372
43.8	-15.906	-10.015	-9.921	-0.27
44.1	-15.812	-10.029	-10.072	-0.246
44.3	-15.643	-10.023	-10.001	-0.18
44.5	-15.406	-9.973	-9.876	-0.088
44.7	-15.196	-9.961	-9.831	-0.071
45.0	-14.988	-9.825	-9.903	0.013
45.2	-14.727	-9.725	-9.884	0.021
45.4	-14.541	-9.447	-9.945	0.085
45.6	-14.307	-9.466	-9.959	0.095
45.9	-14.266	-9.276	-9.989	0.107
46.1	-13.882	-9.011	-9.949	0.105
46.3	-13.692	-8.992	-10.216	0.151
46.5	-13.571	-8.76	-10.369	0.13
46.8	-13.361	-8.663	-10.483	0.143
47.0	-13.090	-8.493	-10.467	0.151
47.2	-12.861	-8.626	-10.798	0.197
47.4	-12.673	-8.47	-10.644	0.205
47.7	-12.539	-8.523	-10.672	0.223
47.9	-12.358	-8.44	-10.71	0.228
48.1	-12.184	-8.429	-10.679	0.242
48.3	-11.963	-8.511	-10.586	0.221
48.6	-11.773	-8.399	-10.512	0.262
48.8	-11.635	-8.432	-10.551	0.236
49.0	-11.585	-8.439	-10.415	0.237
49.2	-11.419	-8.628	-10.192	0.229
49.5	-11.349	-8.635	-10.045	0.239
49.7	-11.213	-8.57	-9.804	0.187
49.9	-11.206	-8.704	-9.763	0.142
50.1	-11.103	-8.618	-9.723	0.146
50.4	-11.048	-8.765	-9.616	0.126
50.6	-11.030	-8.866	-9.711	0.149
50.8	-10.926	-8.843	-9.868	0.137
51.0	-10.932	-8.679	-9.951	0.14
51.3	-10.887	-8.719	-10.073	0.121
51.5	-10.772	-8.794	-9.633	0.192
51.7	-10.856	-8.692	-9.291	0.151
51.9	-10.653	-8.446	-8.794	0.174
52.2	-10.632	-8.517	-8.59	0.215
52.4	-10.545	-8.496	-8.237	0.286
52.6	-10.446	-8.406	-7.816	0.3
52.8	-10.337	-8.318	-7.48	0.279
53.1	-10.155	-8.342	-7.218	0.343
53.3	-9.977	-8.385	-6.948	0.355
53.5	-9.809	-8.396	-6.709	0.394
53.7	-9.663	-8.38	-6.46	0.485
54.0	-9.449	-8.373	-6.158	0.447
54.2	-9.248	-8.234	-5.933	0.476
54.4	-9.047	-8.343	-5.865	0.518
54.6	-8.892	-8.338	-5.572	0.569
54.9	-8.730	-8.35	-5.265	0.64
55.1	-8.483	-8.219	-5.18	0.667
55.3	-8.286	-8.354	-5.004	0.735
55.5	-8.165	-7.941	-4.868	0.78
55.8	-8.142	-8.157	-4.697	0.781
56.0	-7.953	-8.113	-4.487	0.846
56.2	-7.779	-8.066	-4.277	0.855
56.4	-7.738	-7.97	-4.098	0.835
56.7	-7.656	-7.966	-3.889	0.933
56.9	-7.661	-7.913	-3.845	0.858
57.1	-7.562	-8.006	-3.761	0.836
57.3	-7.466	-7.963	-3.585	0.842
57.6	-7.451	-8.035	-3.581	0.831
57.8	-7.473	-8.008	-3.397	0.836
58.0	-7.379	-8.058	-3.399	0.825
58.2	-7.415	-8.116	-3.313	0.839
58.5	-7.421	-8.025	-3.296	0.771
58.7	-7.426	-8.138	-3.29	0.789
58.9	-7.478	-8.098	-3.229	0.732
59.1	-7.527	-8.151	-3.239	0.747
59.4	-7.528	-8.155	-3.215	0.717

39.6	0.235	-1.048	-1.049	-1.463
39.8	0.305	-1.141	-1.086	-1.425
40.0	0.307	-1.079	-1.128	-1.426
40.2	0.338	-1.203	-1.128	-1.511
40.5	0.385	-1.242	-1.114	-1.63
40.7	0.401	-1.276	-1.105	-1.712
40.9	0.461	-1.195	-1.087	-1.529
41.1	0.508	-1.256	-0.852	-1.614
41.4	0.491	-1.272	-0.812	-1.717
41.6	0.481	-1.348	-0.808	-1.686
41.8	0.496	-1.321	-0.471	-1.62
42.0	0.504	-1.336	-0.398	-1.726
42.3	0.496	-1.388	-0.263	-1.613
42.5	0.457	-1.369	-0.045	-1.638
42.7	0.452	-1.448	-0.047	-1.744
42.9	0.457	-1.409	0.196	-1.562
43.2	0.416	-1.416	0.364	-1.728
43.4	0.468	-1.457	0.462	-1.659
43.6	0.409	-1.378	0.682	-1.59
43.8	0.363	-1.446	0.681	-1.719
44.1	0.398	-1.562	0.578	-1.698
44.3	0.331	-1.517	0.788	-1.601
44.5	0.308	-1.503	0.788	-1.673
44.7	0.293	-1.614	0.746	-1.657
45.0	0.273	-1.539	0.899	-1.615
45.2	0.246	-1.491	0.931	-1.681
45.4	0.254	-1.653	0.666	-1.618
45.6	0.174	-1.553	0.593	-1.636
45.9	0.177	-1.605	0.589	-1.551
46.1	0.11	-1.633	0.587	-1.592
46.3	0.164	-1.631	0.579	-1.643
46.5	0.131	-1.609	0.503	-1.602
46.8	0.181	-1.604	0.372	-1.618
47.0	0.201	-1.603	0.394	-1.537
47.2	0.24	-1.59	0.539	-1.587
47.4	0.346	-1.568	0.49	-1.746
47.7	0.368	-1.522	0.311	-1.561
47.9	0.403	-1.513	0.579	-1.649
48.1	0.444	-1.403	0.51	-1.721
48.3	0.481	-1.5	0.424	-1.674
48.6	0.468	-1.506	0.497	-1.842
48.8	0.498	-1.522	0.578	-1.787
49.0	0.532	-1.568	0.712	-1.745
49.2	0.529	-1.542	0.76	-1.903
49.5	0.554	-1.605	0.923	-1.789
49.7	0.54	-1.586	1.048	-1.796
49.9	0.513	-1.669	1.013	-1.853
50.1	0.507	-1.715	1.174	-1.862
50.4	0.44	-1.741	1.291	-1.876
50.6	0.463	-1.801	1.345	-1.898
50.8	0.359	-1.955	1.381	-1.865
51.0	0.287	-1.935	1.455	-1.845
51.3	0.124	-2.052	1.467	-1.904
51.5	0.068	-2.102	1.389	-1.863
51.7	-0.001	-2.124	1.375	-1.931
51.9	-0.224	-2.195	1.415	-1.944
52.2	-0.331	-2.204	1.292	-1.98
52.4	-0.474	-2.371	1.229	-2.021
52.6	-0.614	-2.262	1.115	-1.995
52.8	-0.707	-2.335	1.071	-2.137
53.1	-0.872	-2.401	1.022	-2.232
53.3	-0.947	-2.43	0.987	-2.236
53.5	-1.127	-2.379	0.749	-2.221
53.7	-1.141	-2.473	0.805	-2.322
54.0	-1.124	-2.505	0.821	-2.398
54.2	-1.313	-2.479	0.663	-2.487
54.4	-1.327	-2.484	0.774	-2.532
54.6	-1.375	-2.461	0.732	-2.639
54.9	-1.388	-2.473	0.777	-2.668
55.1	-1.368	-2.335	0.895	-2.616
55.3	-1.415	-2.368	0.975	-2.728
55.5	-1.43	-2.489	1.206	-2.683
55.8	-1.431	-2.398	1.248	-2.727
56.0	-1.34	-2.462	1.248	-2.695
56.2	-1.381	-2.45	1.546	-2.587
56.4	-1.444	-2.436	1.644	-2.561
56.7	-1.39	-2.498	1.678	-2.66
56.9	-1.382	-2.526	1.888	-2.622
57.1	-1.454	-2.518	1.863	-2.602
57.3	-1.435	-2.481	1.842	-2.592
57.6	-1.472	-2.534	1.981	-2.602
57.8	-1.532	-2.668	1.991	-2.649
58.0	-1.585	-2.526	2.092	-2.638
58.2	-1.623	-2.526	2.023	-2.775
58.5	-1.676	-2.871	1.969	-2.757
58.7	-1.772	-2.656	1.939	-2.824
58.9	-1.831	-2.713	1.972	-2.946
59.1	-1.772	-2.893	1.966	-3.133
59.4	-1.958	-2.784	1.861	-3.162

39.6	-7.235	-7.044	-8.113	-4.765
39.8	-7.351	-7.059	-8.09	-4.734
40.0	-7.432	-7.093	-7.921	-4.845
40.2	-7.358	-7.101	-7.914	-4.754
40.5	-7.498	-7.234	-7.876	-4.724
40.7	-7.596	-7.375	-7.966	-4.781
40.9	-7.648	-7.448	-8.151	-4.7
41.1	-7.765	-7.551	-8.162	-4.731
41.4	-7.767	-7.681	-8.264	-4.708
41.6	-7.865	-7.741	-8.404	-4.662
41.8	-7.687	-7.656	-8.442	-4.622
42.0	-7.789	-7.679	-8.673	-4.537
42.3	-7.764	-7.746	-8.847	-4.452
42.5	-7.603	-7.736	-8.952	-4.385
42.7	-7.593	-7.655	-8.898	-4.162
42.9	-7.465	-7.639	-8.738	-4.219
43.2	-7.376	-7.565	-8.819	-4.15
43.4	-7.248	-7.49	-8.641	-4.038
43.6	-7.178	-7.431	-8.694	-3.928
43.8	-7.142	-7.374	-8.552	-3.797
44.1	-7.035	-7.314	-8.666	-3.818
44.3	-6.969	-7.296	-8.553	-3.589
44.5	-6.873	-7.176	-8.546	-3.638
44.7	-6.825	-7.076	-8.596	-3.592
45.0	-6.752	-7.034	-8.535	-3.553
45.2	-6.772	-6.99	-8.591	-3.529
45.4	-6.754	-6.758	-8.593	-3.575
45.6	-6.751	-6.765	-8.669	-3.331
45.9	-6.817	-6.617	-8.536	-3.487
46.1	-6.84	-6.611	-8.626	-3.458
46.3	-6.782	-6.645	-8.44	-3.454
46.5	-6.788	-6.657	-8.4	-3.31
46.8	-6.779	-6.572	-8.364	-3.444
47.0	-6.691	-6.661	-8.321	-3.452
47.2	-6.67	-6.658	-8.196	-3.443
47.4	-6.719	-6.601	-8.125	-3.414
47.7	-6.667	-6.693	-8.1	-3.383
47.9	-6.699	-6.757	-7.991	-3.373
48.1	-6.634	-6.71	-7.995	-3.307
48.3	-6.653	-6.808	-7.849	-3.224
48.6	-6.641	-6.875	-7.77	-3.155
48.8	-6.602	-6.912	-7.67	-3.032
49.0	-6.599	-6.968	-7.557	-2.996
49.2	-6.625	-7.124	-7.322	-2.86
49.5	-6.468	-7.101	-7.272	-2.874
49.7	-6.532	-7.158	-7.222	-2.821
49.9	-6.484	-7.07	-7.067	-2.69
50.1	-6.425	-7.212	-7.145	-2.639
50.4	-6.338	-7.156	-6.942	-2.555
50.6	-6.313	-7.213	-6.959	-2.544
50.8	-6.317	-7.075	-6.865	-2.491
51.0	-6.312	-7.088	-6.755	-2.518
51.3	-6.328	-6.969	-6.698	-2.472
51.5	-6.233	-6.893	-6.616	-2.406
51.7	-6.255	-6.787	-6.562	-2.258
51.9	-6.348	-6.638	-6.496	-2.33
52.2	-6.403	-6.516	-6.424	-2.378
52.4	-6.399	-6.358	-6.434	-2.322
52.6	-6.321	-6.387	-6.421	-2.316
52.8	-6.38	-6.264	-6.383	-2.172
53.1	-6.507	-6.179	-6.411	-2.264
53.3	-6.488	-6.191	-6.347	-2.272
53.5	-6.489	-6.164	-6.427	-2.196
53.7	-6.54	-6.178	-6.398	-2.116
54.0	-6.478	-6.166	-6.313	-2.023
54.2	-6.533	-6.1	-6.522	-2.012
54.4	-6.565	-6.241	-6.419	-1.956
54.6	-6.582	-6.305	-6.527	-1.914
54.9	-6.531	-6.394	-6.537	-1.855
55.1	-6.495	-6.542	-6.586	-1.742
55.3	-6.536	-6.688	-6.66	-1.667
55.5	-6.531	-6.716	-6.711	-1.589
55.8	-6.437	-6.922	-6.731	-1.546
56.0	-6.367	-7.07	-6.841	-1.484
56.2	-6.271	-6.992	-6.925	-1.41
56.4	-6.227	-7.255	-7.069	-1.317
56.7	-6.118	-7.533	-7.291	-1.274
56.9	-6.069	-7.453	-7.283	-1.173
57.1	-6.033	-7.552	-7.458	-1.221
57.3	-5.965	-7.579	-7.541	-1.221
57.6	-5.939	-7.483	-7.731	-1.13
57.8	-5.829	-7.453	-7.96	-1.168
58.0	-5.742	-7.385	-8.16	-1.119
58.2	-5.781	-7.228	-8.277	-1.119
58.5	-5.69	-7.104	-8.457	-1.113
58.7	-5.629	-7.109	-8.518	-1.198
58.9	-5.536	-6.868	-8.674	-1.225
59.1	-5.435	-6.807	-8.717	-1.271
59.4	-5.46	-6.696	-8.896	-1.341

59.6	-7.543	-8.189	-3.18	0.727
59.8	-7.575	-8.19	-3.2	0.735
60.0	-7.720	-8.124	-3.208	0.745
60.3	-7.749	-8.032	-3.194	0.739
60.5	-7.782	-7.983	-3.298	0.773
60.7	-7.823	-7.849	-3.358	0.759
60.9	-7.882	-7.683	-3.427	0.785
61.2	-7.847	-7.665	-3.483	0.793
61.4	-7.916	-7.436	-3.561	0.767
61.6	-7.885	-7.421	-3.584	0.836
61.8	-7.966	-7.331	-3.707	0.802
62.1	-7.917	-7.292	-3.766	0.797
62.3	-7.904	-7.156	-3.724	0.789
62.5	-7.809	-7.027	-3.826	0.817
62.7	-7.892	-7.022	-3.901	0.875
63.0	-7.746	-6.886	-4.002	0.862
63.2	-7.656	-6.87	-4.034	0.848
63.4	-7.537	-6.743	-4.115	0.872
63.6	-7.344	-6.582	-4.19	0.84
63.9	-7.105	-6.723	-4.253	0.908
64.1	-7.066	-6.596	-4.349	0.86
64.3	-6.874	-6.562	-4.483	0.877
64.5	-6.691	-6.527	-4.477	0.84
64.8	-6.482	-6.55	-4.628	0.815
65.0	-6.406	-6.444	-4.807	0.778
65.2	-6.287	-6.506	-4.867	0.805
65.4	-6.013	-6.505	-5.075	0.793
65.7	-5.885	-6.458	-5.134	0.775
65.9	-5.819	-6.528	-5.238	0.78
66.1	-5.668	-6.573	-5.343	0.814
66.3	-5.586	-6.579	-5.425	0.827
66.6	-5.480	-6.604	-5.517	0.847
66.8	-5.380	-6.568	-5.656	0.874
67.0	-5.296	-6.602	-5.723	0.914
67.2	-5.287	-6.721	-5.856	0.853
67.5	-5.161	-6.679	-5.892	0.854
67.7	-5.216	-6.711	-5.997	0.822
67.9	-5.178	-6.722	-6.141	0.786
68.1	-5.197	-6.719	-6.258	0.739
68.4	-5.258	-6.817	-6.266	0.727
68.6	-5.195	-6.904	-6.321	0.689
68.8	-5.239	-6.951	-6.386	0.658
69.0	-5.321	-6.937	-6.505	0.592
69.3	-5.415	-6.948	-6.508	0.589
69.5	-5.427	-7.027	-6.787	0.545
69.7	-5.500	-7.029	-6.798	0.486
69.9	-5.571	-7.059	-6.92	0.392
70.2	-5.672	-6.957	-6.83	0.413
70.4	-5.663	-6.865	-7.178	0.335
70.6	-5.821	-6.993	-7.312	0.264
70.8	-5.848	-6.832	-7.382	0.235
71.1	-5.934	-6.858	-7.475	0.111
71.3	-5.998	-6.812	-7.669	0.044
71.5	-6.019	-6.823	-7.72	0.02
71.7	-6.025	-6.702	-7.869	-0.092
72.0	-6.019	-6.743	-8.021	-0.187
72.2	-5.946	-6.633	-8.167	-0.243
72.4	-5.960	-6.611	-8.171	-0.324
72.6	-5.982	-6.504	-8.389	-0.378
72.9	-5.907	-6.638	-8.524	-0.491
73.1	-5.857	-6.557	-8.62	-0.526
73.3	-5.783	-6.46	-8.773	-0.661
73.5	-5.776	-6.53	-8.852	-0.699
73.8	-5.679	-6.493	-8.917	-0.789
74.0	-5.781	-6.538	-8.917	-0.896
74.2	-5.730	-6.487	-8.883	-0.977
74.4	-5.725	-6.533	-8.822	-0.982
74.7	-5.779	-6.521	-8.559	-1.038
74.9	-5.832	-6.476	-8.4	-1.101
75.1	-5.781	-6.708	-8.183	-1.085
75.3	-5.860	-6.643	-7.872	-1.079
75.6	-5.893	-6.76	-7.701	-1.095
75.8	-5.998	-6.755	-7.592	-1.079
76.0	-6.111	-6.871	-7.54	-1.097
76.2	-6.142	-6.906	-7.393	-1.008
76.5	-6.250	-6.939	-7.328	-1.026
76.7	-6.372	-7.042	-7.292	-1.111
76.9	-6.544	-7.051	-7.371	-1.144
77.1	-6.545	-7.082	-7.406	-1.13
77.4	-6.729	-7.057	-7.564	-1.138
77.6	-6.841	-7.084	-7.732	-1.227
77.8	-6.975	-7.19	-8.016	-1.296
78.0	-6.999	-7.17	-8.38	-1.286
78.3	-7.122	-7.212	-8.825	-1.432
78.5	-7.236	-7.126	-9.187	-1.568
78.7	-7.248	-7.13	-9.498	-1.712
78.9	-7.319	-7.148	-9.409	-1.862
79.2	-7.279	-7.136	-9.072	-1.974
79.4	-7.346	-7.022	-8.989	-2.091

59.6	-2.012	-2.768	1.75	-3.384
59.8	-2.026	-2.937	1.726	-3.491
60.0	-2.053	-2.843	1.599	-3.523
60.3	-2.019	-2.909	1.548	-3.683
60.5	-1.938	-3.007	1.476	-3.725
60.7	-1.91	-3.034	1.281	-3.79
60.9	-1.91	-2.996	1.323	-3.695
61.2	-1.899	-3.086	1.272	-3.795
61.4	-1.854	-3.177	1.124	-3.844
61.6	-1.842	-3.158	1.12	-3.872
61.8	-1.778	-3.13	1.121	-3.844
62.1	-1.817	-3.313	1.027	-3.864
62.3	-1.791	-3.172	1.101	-3.904
62.5	-1.621	-3.156	1.051	-3.959
62.7	-1.608	-3.436	1.051	-4.008
63.0	-1.692	-3.254	1.154	-3.74
63.2	-1.681	-3.299	1.074	-3.972
63.4	-1.517	-3.519	1.15	-4.036
63.6	-1.515	-3.494	1.177	-3.984
63.9	-1.459	-3.356	1.123	-3.895
64.1	-1.351	-3.401	1.142	-3.993
64.3	-1.405	-3.41	1.104	-3.923
64.5	-1.319	-3.384	1.141	-3.867
64.8	-1.187	-3.342	1.087	-3.769
65.0	-1.207	-3.263	1.066	-3.744
65.2	-1.296	-3.306	1.039	-3.656
65.4	-1.076	-3.358	1.018	-3.685
65.7	-1.014	-3.302	0.967	-3.581
65.9	-1.119	-3.261	0.901	-3.477
66.1	-1.178	-3.173	0.86	-3.463
66.3	-1.086	-3.249	0.785	-3.39
66.6	-1.013	-3.164	0.716	-3.312
66.8	-1.064	-3.2	0.651	-3.37
67.0	-0.992	-3.128	0.624	-3.292
67.2	-0.936	-3.103	0.565	-3.228
67.5	-1.063	-3.212	0.296	-3.177
67.7	-1.046	-3.106	0.278	-3.101
67.9	-1.037	-3.063	0.181	-2.971
68.1	-1.012	-3.212	0.092	-2.98
68.4	-1.017	-3.193	0.015	-2.966
68.6	-0.924	-3.162	-0.033	-2.963
68.8	-0.935	-3.249	-0.15	-2.977
69.0	-0.965	-3.36	-0.116	-2.937
69.3	-0.91	-3.281	-0.23	-2.935
69.5	-0.873	-3.334	-0.217	-2.965
69.7	-0.868	-3.379	-0.248	-3.01
69.9	-0.861	-3.332	-0.141	-2.981
70.2	-0.841	-3.316	0.092	-2.94
70.4	-0.89	-3.377	0.125	-3.034
70.6	-0.847	-3.219	0.099	-2.939
70.8	-0.833	-3.19	0.22	-2.932
71.1	-0.924	-3.269	0.277	-3.101
71.3	-0.898	-3.187	0.306	-2.909
71.5	-0.833	-3.106	0.127	-2.794
71.7	-0.804	-3.077	0.298	-3.035
72.0	-0.822	-3.102	0.389	-2.878
72.2	-0.799	-3.102	0.409	-2.834
72.4	-0.797	-2.942	0.309	-2.915
72.6	-0.749	-2.895	0.343	-3.085
72.9	-0.752	-2.95	0.427	-2.908
73.1	-0.712	-2.9	0.472	-2.84
73.3	-0.733	-2.781	0.478	-2.98
73.5	-0.777	-2.809	0.633	-3.021
73.8	-0.763	-2.825	0.619	-3.021
74.0	-0.805	-2.804	0.627	-2.918
74.2	-0.844	-2.868	0.714	-2.968
74.4	-0.85	-2.811	0.712	-3.043
74.7	-0.899	-2.74	0.723	-2.924
74.9	-0.94	-2.814	0.845	-2.982
75.1	-0.93	-2.977	0.856	-3.168
75.3	-0.969	-2.889	0.912	-2.918
75.6	-0.986	-3.089	0.909	-3.012
75.8	-0.985	-3.025	0.909	-3.347
76.0	-1.002	-2.995	0.918	-3.035
76.2	-0.996	-3.112	0.941	-3.093
76.5	-0.949	-3.149	0.931	-3.234
76.7	-0.985	-2.964	0.84	-3.143
76.9	-0.965	-3.025	0.831	-3.141
77.1	-0.947	-3.161	0.856	-3.366
77.4	-0.885	-3.175	0.897	-3.231
77.6	-0.9	-2.997	0.826	-3.044
77.8	-0.858	-2.997	0.782	-3.168
78.0	-0.766	-3.082	0.743	-3.149
78.3	-0.781	-2.987	0.677	-2.974
78.5	-0.768	-2.934	0.641	-2.988
78.7	-0.775	-2.933	0.571	-2.95
78.9	-0.744	-2.852	0.516	-2.856
79.2	-0.742	-2.77	0.436	-2.777
79.4	-0.75	-2.703	0.352	-2.69

59.6	-5.349	-6.7	-8.994	-1.365
59.8	-5.286	-6.615	-9.007	-1.407
60.0	-5.172	-6.47	-9.225	-1.438
60.3	-5.114	-6.395	-9.233	-1.5
60.5	-5.054	-6.511	-9.475	-1.572
60.7	-4.957	-6.38	-9.532	-1.581
60.9	-4.932	-6.322	-9.642	-1.626
61.2	-4.891	-6.372	-9.515	-1.713
61.4	-4.789	-6.349	-9.12	-1.701
61.6	-4.775	-6.413	-8.736	-1.646
61.8	-4.696	-6.431	-8.601	-1.789
62.1	-4.636	-6.36	-8.293	-1.823
62.3	-4.617	-6.468	-8.104	-1.806
62.5	-4.531	-6.414	-7.95	-1.844
62.7	-4.482	-6.456	-7.692	-1.823
63.0	-4.53	-6.585	-7.479	-1.793
63.2	-4.414	-6.629	-7.389	-1.75
63.4	-4.416	-6.59	-7.181	-1.69
63.6	-4.429	-6.574	-6.895	-1.628
63.9	-4.405	-6.517	-6.724	-1.551
64.1	-4.388	-6.495	-6.481	-1.585
64.3	-4.402	-6.458	-6.219	-1.554
64.5	-4.344	-6.309	-6.118	-1.415
64.8	-4.314	-6.292	-5.958	-1.4
65.0	-4.334	-6.158	-5.788	-1.289
65.2	-4.312	-6.119	-5.576	-1.257
65.4	-4.278	-6.059	-5.517	-1.15
65.7	-4.254	-6.038	-5.484	-1.13
65.9	-4.226	-5.928	-5.415	-1.003
66.1	-4.132	-5.915	-5.334	-0.975
66.3	-4.116	-5.735	-5.316	-0.861
66.6	-4.113	-5.744	-5.451	-0.848
66.8	-3.975	-5.781	-5.502	-0.748
67.0	-3.952	-5.814	-5.556	-0.685
67.2	-3.846	-5.762	-5.714	-0.633
67.5	-3.819	-5.838	-5.727	-0.595
67.7	-3.739	-5.82	-6.009	-0.595
67.9	-3.667	-5.829	-6.103	-0.538
68.1	-3.607	-5.739	-6.369	-0.572
68.4	-3.603	-5.809	-6.523	-0.457
68.6	-3.542	-5.828	-6.815	-0.553
68.8	-3.544	-5.801	-7.032	-0.538
69.0	-3.471	-5.804	-7.412	-0.52
69.3	-3.422	-5.914	-7.516	-0.487
69.5	-3.39	-5.891	-7.76	-0.476
69.7	-3.311	-5.895	-8.088	-0.46
69.9	-3.298	-5.9	-8.221	-0.437
70.2	-3.278	-5.922	-8.317	-0.448
70.4	-3.158	-5.953	-8.663	-0.456
70.6	-3.201	-5.848	-8.831	-0.428
70.8	-3.156	-5.933	-8.758	-0.464
71.1	-3.161	-5.956	-8.908	-0.516
71.3	-3.135	-5.989	-9.029	-0.489
71.5	-3.099	-6.014	-9.041	-0.492
71.7	-3.066	-5.941	-9.145	-0.46
72.0	-2.968	-5.98	-9.196	-0.464
72.2	-3.019	-5.81	-9.189	-0.398
72.4	-2.967	-5.876	-9.35	-0.378
72.6	-2.918	-5.809	-9.418	-0.341
72.9	-2.916	-5.755	-9.364	-0.267
73.1	-2.853	-5.64	-9.549	-0.253
73.3	-2.846	-5.664	-9.499	-0.237
73.5	-2.86	-5.532	-9.552	-0.176
73.8	-2.872	-5.571	-9.688	-0.174
74.0	-2.819	-5.462	-9.76	-0.106
74.2	-2.917	-5.508	-10.019	-0.028
74.4	-2.943	-5.416	-10.127	-0.02
74.7	-2.935	-5.358	-10.395	0.066
74.9	-3.04	-5.283	-10.602	0.101
75.1	-3.038	-5.279	-10.831	0.185
75.3	-3.109	-5.246	-11.023	0.245
75.6	-3.193	-5.219	-10.974	0.31
75.8	-3.263	-5.227	-10.594	0.376
76.0	-3.323	-5.215	-10.274	0.444
76.2	-3.475	-5.136	-10.188	0.532
76.5	-3.525	-5.225	-10.004	0.567
76.7	-3.614	-5.224	-9.685	0.574
76.9	-3.688	-5.204	-9.544	0.642
77.1	-3.747	-5.238	-9.428	0.711
77.4	-3.759	-5.273	-9.249	0.722
77.6	-3.781	-5.25	-9.128	0.764
77.8	-3.808	-5.324	-9.128	0.822
78.0	-3.785	-5.168	-9.047	0.913
78.3	-3.763	-5.351	-9.105	0.947
78.5	-3.764	-5.364	-9.324	0.923
78.7	-3.728	-5.366	-9.316	0.945
78.9	-3.674	-5.376	-9.368	0.969
79.2	-3.66	-5.34	-9.489	0.992
79.4	-3.647	-5.346	-9.56	1.016

79.6	-7.252	-6.946	-8.879	-2.319
79.8	-7.207	-6.888	-8.61	-2.397
80.0	-7.213	-6.901	-8.477	-2.505
80.3	-7.117	-6.856	-8.489	-2.526
80.5	-7.055	-6.84	-8.509	-2.62
80.7	-6.921	-6.805	-8.376	-2.739
80.9	-6.896	-6.772	-8.314	-2.782
81.2	-6.775	-6.764	-8.397	-2.801
81.4	-6.633	-6.896	-8.32	-2.818
81.6	-6.668	-6.867	-8.241	-2.783
81.8	-6.511	-7.001	-8.226	-2.864
82.1	-6.450	-7.106	-8.211	-2.916
82.3	-6.315	-7.172	-8.168	-3.037
82.5	-6.449	-7.234	-8.088	-3.141
82.7	-6.408	-7.446	-8.114	-3.264
83.0	-6.420	-7.521	-8.03	-3.403
83.2	-6.474	-7.684	-8.018	-3.545
83.4	-6.493	-7.948	-8.027	-3.652
83.6	-6.519	-8.005	-8.038	-3.8
83.9	-6.535	-8.222	-7.976	-4.006
84.1	-6.693	-8.384	-7.82	-4.094
84.3	-6.794	-8.553	-7.787	-4.266
84.5	-6.807	-8.768	-7.742	-4.564
84.8	-6.874	-8.88	-7.658	-4.571
85.0	-7.027	-8.89	-7.593	-4.672
85.2	-7.163	-8.997	-7.611	-4.823
85.4	-7.260	-8.936	-7.503	-4.911
85.7	-7.371	-8.989	-7.396	-4.856
85.9	-7.458	-8.864	-7.284	-5.031
86.1	-7.595	-8.829	-7.275	-5.149
86.3	-7.691	-8.924	-7.278	-5.186
86.6	-7.794	-8.701	-7.178	-5.297
86.8	-7.873	-8.712	-7.167	-5.408
87.0	-7.927	-8.629	-7.199	-5.482
87.2	-7.725	-8.654	-7.203	-5.633
87.5	-7.997	-8.401	-7.193	-5.588
87.7	-8.111	-8.393	-7.255	-5.682
87.9	-8.119	-8.332	-7.276	-5.642
88.1	-8.111	-8.249	-7.22	-5.688
88.4	-8.149	-8.235	-7.327	-5.682
88.6	-8.145	-8.139	-7.342	-5.663
88.8	-8.066	-8.173	-7.335	-5.582
89.0	-8.019	-8.181	-7.464	-5.699
89.3	-8.050	-8.116	-7.475	-5.622
89.5	-7.972	-8.302	-7.514	-5.755
89.7	-7.991	-8.333	-7.614	-5.89
89.9	-8.050	-8.261	-7.575	-6.062
90.2	-8.029	-8.472	-7.715	-6.145
90.4	-8.037	-8.529	-7.696	-6.21
90.6	-8.065	-8.712	-7.738	-6.351
90.8	-8.136	-8.804	-7.791	-6.382
91.1	-8.258	-8.898	-7.845	-6.506
91.3	-8.270	-8.997	-7.791	-6.514
91.5	-8.359	-9.173	-7.767	-6.423
91.7	-8.380	-9.383	-7.812	-6.337
92.0	-8.560	-9.437	-7.656	-6.284
92.2	-8.538	-9.53	-7.719	-6.229
92.4	-8.781	-9.56	-7.605	-6.071
92.6	-8.883	-9.493	-7.752	-6.122
92.9	-9.037	-9.535	-7.626	-6.029
93.1	-9.159	-9.672	-7.641	-6.024
93.3	-9.349	-9.503	-7.629	-5.971
93.5	-9.439	-9.509	-7.45	-5.902
93.8	-9.572	-9.388	-7.25	-5.746
94.0	-9.746	-9.373	-7.287	-5.841
94.2	-9.901	-9.148	-7.092	-5.721
94.4	-9.934	-9.144	-7.062	-5.645
94.7	-9.936	-9.077	-7.008	-5.376
94.9	-10.029	-9.051	-6.665	-5.393
95.1	-10.041	-8.9	-6.713	-5.255
95.3	-9.919	-8.874	-6.662	-5.167
95.6	-10.024	-8.806	-6.426	-5.095
95.8	-9.894	-8.887	-6.419	-5.002
96.0	-9.807	-8.917	-6.188	-5.041
96.2	-9.708	-8.888	-6.156	-5.081
96.5	-9.757	-8.941	-6.046	-5.073
96.7	-9.687	-8.938	-5.909	-5.151
96.9	-9.521	-9.102	-5.802	-5.229
97.1	-9.599	-9.261	-5.578	-5.264
97.4	-9.396	-9.429	-5.66	-5.19
97.6	-9.479	-9.439	-5.487	-5.194
97.8	-9.468	-9.726	-5.451	-5.313
98.0	-9.382	-10.002	-5.295	-5.278
98.3	-9.456	-10.07	-5.305	-5.313
98.5	-9.328	-10.339	-5.223	-5.314
98.7	-9.310	-10.71	-5.162	-5.31
98.9	-9.473	-10.796	-5.238	-5.364
99.2	-9.545	-10.855	-5.193	-5.475
99.4	-9.584	-11.227	-5.157	-5.453

79.6	-0.689	-2.635	0.287	-2.652
79.8	-0.684	-2.579	0.286	-2.505
80.0	-0.729	-2.53	0.265	-2.417
80.3	-0.702	-2.455	0.288	-2.391
80.5	-0.69	-2.36	0.264	-2.29
80.7	-0.697	-2.362	0.235	-2.29
80.9	-0.702	-2.368	0.339	-2.239
81.2	-0.689	-2.312	0.372	-2.232
81.4	-0.694	-2.283	0.347	-2.217
81.6	-0.688	-2.268	0.397	-2.249
81.8	-0.694	-2.284	0.39	-2.22
82.1	-0.653	-2.296	0.45	-2.237
82.3	-0.678	-2.313	0.521	-2.219
82.5	-0.642	-2.354	0.448	-2.303
82.7	-0.654	-2.379	0.45	-2.25
83.0	-0.683	-2.331	0.542	-2.273
83.2	-0.617	-2.439	0.544	-2.222
83.4	-0.612	-2.412	0.52	-2.265
83.6	-0.577	-2.465	0.464	-2.28
83.9	-0.528	-2.436	0.513	-2.247
84.1	-0.59	-2.525	0.595	-2.247
84.3	-0.554	-2.515	0.543	-2.238
84.5	-0.553	-2.509	0.484	-2.286
84.8	-0.569	-2.44	0.575	-2.314
85.0	-0.558	-2.506	0.484	-2.242
85.2	-0.551	-2.427	0.476	-2.19
85.4	-0.516	-2.42	0.548	-2.234
85.7	-0.518	-2.333	0.493	-2.148
85.9	-0.456	-2.345	0.491	-2.062
86.1	-0.427	-2.26	0.54	-2.159
86.3	-0.451	-2.17	0.541	-2.13
86.6	-0.422	-2.149	0.547	-2.123
86.8	-0.378	-2.05	0.602	-2.092
87.0	-0.397	-2.008	0.632	-2.12
87.2	-0.364	-1.931	0.592	-2.036
87.5	-0.299	-1.841	0.671	-2.027
87.7	-0.301	-1.847	0.624	-2.053
87.9	-0.344	-1.802	0.647	-1.924
88.1	-0.373	-1.75	0.684	-1.95
88.4	-0.368	-1.708	0.675	-1.922
88.6	-0.35	-1.774	0.647	-1.861
88.8	-0.307	-1.708	0.62	-1.912
89.0	-0.364	-1.646	0.644	-1.798
89.3	-0.392	-1.752	0.643	-1.808
89.5	-0.337	-1.703	0.682	-1.77
89.7	-0.35	-1.647	0.657	-1.746
89.9	-0.407	-1.647	0.641	-1.679
90.2	-0.42	-1.659	0.652	-1.603
90.4	-0.432	-1.583	0.679	-1.61
90.6	-0.38	-1.46	0.617	-1.522
90.8	-0.404	-1.364	0.641	-1.468
91.1	-0.44	-1.477	0.657	-1.463
91.3	-0.409	-1.341	0.644	-1.433
91.5	-0.528	-1.298	0.657	-1.363
91.7	-0.536	-1.332	0.682	-1.385
92.0	-0.556	-1.178	0.635	-1.321
92.2	-0.63	-1.155	0.61	-1.256
92.4	-0.697	-1.123	0.643	-1.307
92.6	-0.769	-1.03	0.668	-1.349
92.9	-0.879	-0.923	0.655	-1.292
93.1	-0.9	-0.997	0.651	-1.365
93.3	-0.971	-0.932	0.631	-1.335
93.5	-1.049	-0.915	0.66	-1.348
93.8	-1.066	-0.911	0.652	-1.309
94.0	-1.073	-0.862	0.699	-1.292
94.2	-1.149	-0.839	0.718	-1.289
94.4	-1.174	-0.85	0.699	-1.316
94.7	-1.129	-0.946	0.707	-1.332
94.9	-1.142	-0.826	0.754	-1.338
95.1	-1.182	-0.882	0.723	-1.32
95.3	-1.145	-0.963	0.741	-1.352
95.6	-1.165	-0.887	0.818	-1.392
95.8	-1.289	-0.862	0.817	-1.308
96.0	-1.182	-0.959	0.718	-1.379
96.2	-1.168	-0.927	0.782	-1.356
96.5	-1.333	-1.001	0.764	-1.346
96.7	-1.256	-0.988	0.754	-1.365
96.9	-1.222	-1.028	0.768	-1.28
97.1	-1.294	-1.029	0.812	-1.155
97.4	-1.26	-0.972	0.862	-1.117
97.6	-1.251	-1.027	0.805	-1.132
97.8	-1.226	-1.051	0.771	-1.045
98.0	-1.238	-0.88	0.796	-0.954
98.3	-1.268	-0.915	0.757	-0.923
98.5	-1.174	-0.862	0.782	-0.928
98.7	-1.198	-0.754	0.821	-0.814
98.9	-1.21	-0.788	0.799	-0.7
99.2	-1.117	-0.688	0.747	-0.731
99.4	-1.145	-0.624	0.781	-0.626

79.6	-3.622	-5.217	-9.647	1.011
79.8	-3.559	-5.299	-9.599	1.005
80.0	-3.53	-5.276	-9.649	1.002
80.3	-3.589	-5.188	-9.672	0.98
80.5	-3.603	-5.082	-9.727	1.021
80.7	-3.567	-5.079	-9.693	1.022
80.9	-3.613	-4.96	-9.859	1
81.2	-3.645	-4.778	-9.956	1.06
81.4	-3.747	-4.756	-10.117	1.072
81.6	-3.713	-4.733	-10.135	1.064
81.8	-3.725	-4.633	-10.394	1.048
82.1	-3.732	-4.584	-10.561	1.079
82.3	-3.725	-4.491	-10.979	1.068
82.5	-3.769	-4.484	-11.173	1.038
82.7	-3.78	-4.339	-11.413	1.04
83.0	-3.719	-4.263	-11.658	1.036
83.2	-3.686	-4.222	-12.214	1.009
83.4	-3.639	-4.114	-12.745	1.019
83.6	-3.483	-4.115	-13.07	1.018
83.9	-3.443	-4.04	-13.228	1.011
84.1	-3.379	-3.931	-13.498	0.984
84.3	-3.286	-3.876	-13.927	1.002
84.5	-3.269	-3.867	-14.306	1.051
84.8	-3.193	-3.84	-14.058	1.028
85.0	-3.181	-3.812	-14.391	1.017
85.2	-3.148	-3.799	-14.401	1.026
85.4	-3.164	-3.851	-14.24	1.045
85.7	-3.197	-3.836	-14.254	1.108
85.9	-3.179	-3.882	-14.257	1.218
86.1	-3.202	-3.81	-14.367	1.193
86.3	-3.217	-3.842	-14.568	1.231
86.6	-3.222	-3.864	-14.539	1.266
86.8	-3.264	-3.84	-14.12	1.288
87.0	-3.309	-3.846	-14.552	1.333
87.2	-3.287	-3.876	-14.219	1.324
87.5	-3.322	-3.902	-13.79	1.343
87.7	-3.291	-3.865	-13.419	1.314
87.9	-3.265	-3.925	-13.157	1.349
88.1	-3.203	-3.841	-12.648	1.352
88.4	-3.151	-3.878	-12.518	1.338
88.6	-3.072	-3.881	-11.932	1.321
88.8	-3.049	-3.843	-11.544	1.319
89.0	-2.959	-3.792	-11.206	1.261
89.3	-2.912	-3.824	-11.008	1.207
89.5	-2.819	-3.725	-10.553	1.189
89.7	-2.705	-3.774	-10.352	1.205
89.9	-2.729	-3.771	-10.048	1.122
90.2	-2.705	-3.734	-9.822	1.144
90.4	-2.621	-3.732	-9.735	1.172
90.6	-2.64	-3.678	-9.603	1.147
90.8	-2.614	-3.674	-9.344	1.179
91.1	-2.601	-3.669	-9.329	1.175
91.3	-2.59	-3.596	-9.134	1.249
91.5	-2.651	-3.636	-9.102	1.27
91.7	-2.666	-3.602	-8.746	1.314
92.0	-2.727	-3.64	-8.413	1.376
92.2	-2.729	-3.687	-7.989	1.418
92.4	-2.722	-3.675	-7.64	1.463
92.6	-2.735	-3.665	-7.281	1.513
92.9	-2.677	-3.755	-6.931	1.548
93.1	-2.643	-3.757	-6.612	1.59
93.3	-2.607	-3.738	-6.257	1.589
93.5	-2.641	-3.775	-6.052	1.607
93.8	-2.636	-3.681	-5.749	1.629
94.0	-2.669	-3.792	-5.734	1.578
94.2	-2.66	-3.834	-5.482	1.576
94.4	-2.756	-3.754	-5.359	1.629
94.7	-2.744	-3.827	-5.196	1.555
94.9	-2.809	-3.763	-5.067	1.548
95.1	-2.829	-3.749	-4.943	1.536
95.3	-2.862	-3.707	-4.705	1.559
95.6	-2.857	-3.654	-4.38	1.507
95.8	-2.907	-3.602	-4.306	1.583
96.0	-2.872	-3.588	-4.104	1.56
96.2	-2.881	-3.56	-3.889	1.494
96.5	-2.873	-3.538	-3.568	1.529
96.7	-2.873	-3.454	-3.349	1.507
96.9	-2.885	-3.424	-3.122	1.525
97.1	-2.876	-3.34	-2.915	1.501
97.4	-2.843	-3.422	-2.747	1.505
97.6	-2.94	-3.356	-2.567	1.497
97.8	-2.944	-3.399	-2.458	1.465
98.0	-2.954	-3.397	-2.359	1.487
98.3	-3.087	-3.374	-2.252	1.435
98.5	-3.165	-3.418	-2.178	1.44
98.7	-3.293	-3.367	-2.186	1.439
98.9	-3.386	-3.334	-2.132	1.43
99.2	-3.459	-3.357	-2.175	1.483
99.4	-3.591	-3.352	-2.219	1.46

99.6	-9.555	-11.401	-5.185	-5.505
99.8	-9.718	-11.429	-5.212	-5.778
100.1	-9.869	-11.569	-5.249	-5.878
100.3	-9.959	-11.925	-5.369	-6.032
100.5	-10.082	-11.96	-5.421	-6.181
100.7	-10.069	-12.058	-5.5	-6.373
101.0	-10.235	-11.835	-5.609	-6.473
101.2	-10.432	-11.691	-5.637	-6.505
101.4	-10.349	-12.157	-5.64	-6.592
101.6	-10.529	-11.879	-5.878	-6.675
101.9	-10.616	-11.831	-5.753	-6.695
102.1	-10.743	-11.814	-5.949	-6.739
102.3	-10.795	-11.74	-5.998	-6.8
102.5	-10.915	-11.684	-6.107	-6.811
102.8	-10.984	-11.523	-6.122	-6.899
103.0	-11.070	-11.406	-6.119	-6.98
103.2	-11.167	-11.402	-6.169	-6.92
103.4	-11.078	-11.38	-6.184	-6.998
103.7	-11.260	-11.165	-6.04	-6.946
103.9	-11.321	-11.193	-6.019	-7.023
104.1	-11.409	-11.364	-5.928	-6.908
104.3	-11.254	-11.243	-5.934	-6.769
104.6	-11.290	-11.33	-5.831	-6.822
104.8	-11.445	-11.366	-5.792	-6.843
105.0	-11.383	-11.401	-5.679	-6.722
105.2	-11.505	-11.501	-5.687	-6.539
105.5	-11.513	-11.489	-5.574	-6.593
105.7	-11.470	-11.673	-5.376	-6.441
105.9	-11.500	-11.593	-5.416	-6.342
106.1	-11.561	-11.687	-5.289	-6.229
106.4	-11.383	-11.671	-5.282	-6.068
106.6	-11.513	-11.778	-5.228	-5.949
106.8	-11.613	-11.752	-5.225	-5.887
107.0	-11.538	-11.64	-5.235	-5.658
107.3	-11.637	-11.532	-5.15	-5.78
107.5	-11.554	-11.562	-5.091	-5.795
107.7	-11.677	-11.375	-5.187	-5.905
107.9	-11.490	-11.377	-5.244	-5.975
108.2	-11.653	-11.371	-5.307	-6.245
108.4	-11.740	-11.337	-5.29	-6.368
108.6	-11.761	-11.255	-5.334	-6.708
108.8	-11.732	-11.149	-5.373	-6.944
109.1	-11.826	-10.961	-5.497	-7.239
109.3	-11.907	-10.885	-5.563	-7.289
109.5	-11.987	-10.754	-5.628	-7.488
109.7	-12.093	-10.426	-5.727	-7.468
110.0	-12.162	-10.379	-5.812	-7.494
110.2	-12.242	-10.137	-5.799	-7.587
110.4	-12.294	-10.006	-5.889	-7.552
110.6	-12.473	-9.962	-5.952	-7.612
110.9	-12.507	-9.756	-5.961	-7.71
111.1	-12.653	-9.585	-5.944	-7.653
111.3	-12.528	-9.489	-5.925	-7.812
111.5	-12.634	-9.384	-5.886	-7.804
111.8	-12.722	-9.17	-5.912	-7.839
112.0	-12.539	-8.985	-5.824	-7.823
112.2	-12.623	-8.9	-5.767	-7.976
112.4	-12.477	-8.691	-5.831	-8.112
112.7	-12.474	-8.612	-5.698	-8.203
112.9	-12.376	-8.597	-5.787	-8.26
113.1	-12.261	-8.598	-5.728	-8.205
113.3	-12.227	-8.29	-5.653	-8.472
113.6	-12.071	-8.471	-5.667	-8.43
113.8	-12.065	-8.391	-5.779	-8.454
114.0	-12.039	-8.346	-5.779	-8.606
114.2	-12.034	-8.306	-5.796	-8.769
114.5	-11.940	-8.391	-5.799	-8.741
114.7	-12.029	-8.316	-5.906	-9.039
114.9	-12.141	-8.251	-5.932	-9.121
115.1	-12.273	-8.214	-6.087	-9.217
115.4	-12.442	-8.079	-6.13	-9.379
115.6	-12.675	-8.245	-6.192	-9.319
115.8	-12.922	-8.165	-6.191	-9.722
116.0	-13.098	-8.143	-6.405	-10.013
116.3	-13.520	-8	-6.445	-10.17
116.5	-13.793	-8.036	-6.574	-10.147
116.7	-14.153	-7.83	-6.578	-10.465
116.9	-14.310	-7.923	-6.611	-10.612
117.2	-14.760	-7.823	-6.638	-10.763
117.4	-14.918	-7.794	-6.711	-10.963
117.6	-15.196	-7.526	-6.607	-10.967
117.8	-15.433	-7.632	-6.651	-11.389
118.1	-15.529	-7.636	-6.608	-11.651
118.3	-15.358	-7.575	-6.579	-11.585
118.5	-15.478	-7.519	-6.488	-11.832
118.7	-15.281	-7.561	-6.349	-11.993
119.0	-15.333	-7.54	-6.327	-12.11
119.2	-15.168	-7.514	-6.227	-12.181
119.4	-14.938	-7.45	-6.106	-12.257

99.6	-1.177	-0.532	0.766	-0.503
99.8	-1.138	-0.546	0.723	-0.503
100.1	-1.168	-0.401	0.793	-0.455
100.3	-1.125	-0.369	0.735	-0.357
100.5	-1.076	-0.307	0.671	-0.406
100.7	-1.063	-0.192	0.717	-0.417
101.0	-1.035	-0.197	0.678	-0.381
101.2	-0.956	-0.123	0.651	-0.332
101.4	-0.939	-0.039	0.731	-0.401
101.6	-0.935	0.069	0.7	-0.35
101.9	-0.862	0.061	0.649	-0.364
102.1	-0.766	0.068	0.75	-0.4
102.3	-0.7	0.112	0.722	-0.406
102.5	-0.702	0.116	0.749	-0.392
102.8	-0.653	0.144	0.832	-0.434
103.0	-0.623	0.106	0.785	-0.311
103.2	-0.495	0.178	0.836	-0.353
103.4	-0.487	0.154	0.823	-0.405
103.7	-0.376	0.123	0.891	-0.367
103.9	-0.315	0.152	0.879	-0.371
104.1	-0.301	0.166	0.912	-0.281
104.3	-0.217	0.099	1.027	-0.275
104.6	-0.129	0.141	1.027	-0.293
104.8	-0.173	0.147	1.033	-0.312
105.0	-0.089	0.069	1.104	-0.25
105.2	-0.069	0.064	1.179	-0.311
105.5	-0.112	0.073	1.213	-0.275
105.7	-0.095	0.043	1.234	-0.284
105.9	-0.073	0.075	1.275	-0.309
106.1	-0.081	-0.004	1.309	-0.273
106.4	-0.045	0.023	1.331	-0.243
106.6	-0.079	-0.028	1.391	-0.299
106.8	-0.085	0.019	1.376	-0.282
107.0	-0.076	-0.017	1.356	-0.289
107.3	-0.116	-0.034	1.408	-0.276
107.5	-0.115	0.039	1.389	-0.209
107.7	-0.104	0.014	1.37	-0.265
107.9	-0.065	-0.014	1.386	-0.267
108.2	-0.072	0.039	1.391	-0.136
108.4	-0.073	0.04	1.438	-0.167
108.6	-0.106	0.116	1.409	-0.145
108.8	-0.078	0.148	1.364	-0.068
109.1	-0.019	0.111	1.316	-0.039
109.3	0.035	0.131	1.269	-0.053
109.5	0.003	0.132	1.295	-0.006
109.7	0.071	0.2	1.202	0.039
110.0	0.107	0.257	1.201	0.091
110.2	0.115	0.251	1.124	0.102
110.4	0.178	0.277	1.034	0.103
110.6	0.229	0.341	1.02	0.129
110.9	0.282	0.35	0.931	0.144
111.1	0.309	0.364	0.86	0.169
111.3	0.301	0.416	0.873	0.2
111.5	0.251	0.406	0.847	0.198
111.8	0.312	0.383	0.768	0.198
112.0	0.323	0.464	0.782	0.208
112.2	0.315	0.438	0.711	0.183
112.4	0.377	0.455	0.775	0.096
112.7	0.4	0.505	0.801	0.12
112.9	0.331	0.435	0.71	0.106
113.1	0.414	0.481	0.779	0.101
113.3	0.346	0.494	0.804	0.071
113.6	0.342	0.518	0.772	0.072
113.8	0.443	0.479	0.807	0.111
114.0	0.391	0.471	0.815	0.143
114.2	0.346	0.468	0.815	0.139
114.5	0.336	0.477	0.826	0.13
114.7	0.303	0.441	0.795	0.152
114.9	0.32	0.438	0.973	0.226
115.1	0.288	0.469	1.025	0.19
115.4	0.29	0.418	1.159	0.281
115.6	0.348	0.464	1.3	0.323
115.8	0.251	0.49	1.364	0.375
116.0	0.398	0.395	1.462	0.455
116.3	0.507	0.404	1.551	0.398
116.5	0.408	0.479	1.694	0.415
116.7	0.407	0.435	1.816	0.436
116.9	0.578	0.403	1.919	0.533
117.2	0.506	0.432	2.029	0.599
117.4	0.399	0.437	2.143	0.598
117.6	0.609	0.405	2.187	0.551
117.8	0.605	0.428	2.284	0.647
118.1	0.394	0.411	2.369	0.706
118.3	0.611	0.387	2.424	0.72
118.5	0.638	0.466	2.427	0.739
118.7	0.443	0.445	2.466	0.765
119.0	0.626	0.358	2.476	0.749
119.2	0.617	0.352	2.426	0.666
119.4	0.412	0.356	2.414	0.752

99.6	-3.662	-3.323	-2.196	1.476
99.8	-3.784	-3.273	-2.312	1.509
100.1	-3.974	-3.29	-2.388	1.507
100.3	-4.057	-3.21	-2.46	1.555
100.5	-4.156	-3.19	-2.542	1.597
100.7	-4.252	-3.263	-2.634	1.565
101.0	-4.426	-3.283	-2.688	1.571
101.2	-4.517	-3.272	-2.854	1.571
101.4	-4.647	-3.252	-2.994	1.571
101.6	-4.77	-3.203	-3.119	1.534
101.9	-4.898	-3.205	-3.221	1.56
102.1	-5.061	-3.181	-3.329	1.524
102.3	-5.174	-3.166	-3.588	1.449
102.5	-5.408	-3.047	-3.807	1.479
102.8	-5.364	-3.112	-3.939	1.373
103.0	-5.262	-3.031	-4.287	1.379
103.2	-5.296	-3.039	-4.416	1.355
103.4	-5.153	-2.992	-4.71	1.287
103.7	-5.11	-3.016	-4.892	1.315
103.9	-5.028	-2.961	-5.106	1.267
104.1	-4.967	-2.972	-5.164	1.274
104.3	-4.747	-2.986	-5.138	1.259
104.6	-4.725	-2.947	-5.198	1.293
104.8	-4.604	-3.005	-5.097	1.321
105.0	-4.54	-3.006	-4.987	1.335
105.2	-4.488	-3.064	-4.996	1.361
105.5	-4.39	-3.036	-4.783	1.362
105.7	-4.266	-2.976	-4.599	1.377
105.9	-4.238	-2.944	-4.464	1.361
106.1	-4.124	-2.879	-4.275	1.325
106.4	-4.104	-2.808	-4.115	1.268
106.6	-4.073	-2.85	-4.061	1.282
106.8	-3.996	-2.83	-4.048	1.179
107.0	-3.966	-2.9	-4.045	1.158
107.3	-3.983	-2.917	-3.955	1.086
107.5	-3.944	-2.915	-4.026	1.04
107.7	-3.933	-2.858	-4.042	1.046
107.9	-3.908	-2.818	-4.026	0.969
108.2	-3.916	-2.732	-3.945	0.935
108.4	-3.924	-2.728	-3.905	0.878
108.6	-3.883	-2.753	-3.713	0.858
108.8	-3.869	-2.746	-3.518	0.835
109.1	-3.886	-2.738	-3.321	0.844
109.3	-3.813	-2.742	-3.122	0.886
109.5	-3.88	-2.685	-2.836	0.8
109.7	-3.902	-2.837	-2.581	0.8
110.0	-3.872	-2.866	-2.415	0.767
110.2	-3.855	-2.797	-2.318	0.765
110.4	-3.804	-2.787	-2.144	0.757
110.6	-3.774	-2.73	-2.071	0.789
110.9	-3.717	-2.684	-1.887	0.683
111.1	-3.633	-2.623	-1.91	0.742
111.3	-3.544	-2.603	-1.873	0.66
111.5	-3.511	-2.535	-1.784	0.608
111.8	-3.363	-2.497	-1.788	0.459
112.0	-3.309	-2.477	-1.699	0.417
112.2	-3.215	-2.501	-1.745	0.288
112.4	-3.109	-2.529	-1.76	0.251
112.7	-3.041	-2.555	-1.822	0.122
112.9	-2.946	-2.627	-1.673	0.06
113.1	-2.846	-2.715	-1.754	0.013
113.3	-2.776	-2.683	-1.762	0
113.6	-2.666	-2.64	-1.775	-0.063
113.8	-2.568	-2.633	-1.725	-0.075
114.0	-2.504	-2.565	-1.634	-0.087
114.2	-2.403	-2.587	-1.691	-0.132
114.5	-2.408	-2.623	-1.696	-0.151
114.7	-2.338	-2.564	-1.759	-0.276
114.9	-2.358	-2.66	-1.706	-0.311
115.1	-2.365	-2.692	-1.816	-0.407
115.4	-2.358	-2.726	-1.852	-0.443
115.6	-2.363	-2.756	-1.96	-0.526
115.8	-2.351	-2.709	-1.966	-0.714
116.0	-2.357	-2.772	-1.955	-0.813
116.3	-2.399	-2.724	-1.93	-0.91
116.5	-2.402	-2.756	-1.887	-1.041
116.7	-2.391	-2.681	-1.822	-1.184
116.9	-2.405	-2.728	-1.796	-1.28
117.2	-2.363	-2.745	-1.768	-1.471
117.4	-2.314	-2.761	-1.823	-1.561
117.6	-2.272	-2.809	-1.922	-1.704
117.8	-2.258	-2.832	-2.053	-1.819
118.1	-2.186	-2.756	-2.108	-1.751
118.3	-2.136	-2.921	-1.948	-1.605
118.5	-2.056	-2.939	-1.841	-1.492
118.7	-1.982	-2.946	-1.658	-1.438
119.0	-1.837	-2.91	-1.525	-1.281
119.2	-1.832	-2.938	-1.446	-1.182
119.4	-1.74	-2.977	-1.268	-1.115

119.6	-14.815	-7.424	-6.08	-12.296
119.9	-14.406	-7.378	-6.119	-12.302
120.1	-14.318	-7.235	-6.047	-12.187
120.3	-14.145	-7.234	-6.075	-12.144
120.5	-14.039	-7.175	-6.119	-11.824
120.7	-14.036	-7.156	-6.211	-11.376
121.0	-13.800	-7.068	-6.198	-10.712
121.2	-13.762	-6.932	-6.375	-10.121
121.4	-13.838	-6.902	-6.52	-9.628
121.6	-13.845	-6.835	-6.74	-9.234
121.9	-13.789	-6.671	-6.926	-8.824
122.1	-13.960	-6.699	-7.222	-8.427
122.3	-13.813	-6.609	-7.392	-7.999
122.5	-14.022	-6.533	-7.61	-7.714
122.8	-14.244	-6.524	-7.951	-7.468
123.0	-14.527	-6.445	-8.109	-7.199
123.2	-14.821	-6.504	-8.327	-7.049
123.4	-14.975	-6.535	-8.623	-6.839
123.7	-15.281	-6.522	-8.806	-6.643
123.9	-15.780	-6.496	-9.044	-6.555
124.1	-16.022	-6.569	-9.124	-6.461
124.3	-16.554	-6.588	-9.286	-6.42
124.6	-16.800	-6.558	-9.446	-6.559
124.8	-17.124	-6.532	-9.624	-6.556
125.0	-17.371	-6.752	-9.713	-6.629
125.2	-18.018	-6.702	-9.703	-6.724
125.5	-18.315	-6.828	-9.812	-6.844
125.7	-18.425	-7.007	-9.844	-6.898
125.9	-18.469	-7.032	-9.84	-7.066
126.1	-17.975	-7.051	-9.809	-7.077
126.4	-18.689	-7.129	-9.738	-7.213
126.6	-18.106	-7.162	-9.785	-7.256
126.8	-18.117	-7.142	-9.763	-7.476
127.0	-17.644	-7.187	-9.55	-7.61
127.3	-17.139	-7.162	-9.606	-7.754
127.5	-16.740	-7.151	-9.449	-8.084
127.7	-16.060	-7.145	-9.372	-8.408
127.9	-15.581	-7.1	-8.971	-8.544
128.2	-15.304	-7.061	-9.252	-9.409
128.4	-14.732	-7.034	-8.954	-9.897
128.6	-14.341	-7.154	-8.642	-10.415
128.8	-14.042	-7.123	-8.303	-10.866
129.1	-13.534	-7.027	-7.877	-11.4
129.3	-13.251	-6.967	-7.543	-11.937
129.5	-12.816	-6.987	-7.05	-12.19
129.7	-12.696	-7.007	-6.712	-12.238
130.0	-12.477	-6.993	-6.391	-11.955
130.2	-12.211	-7.032	-6.069	-11.764
130.4	-11.987	-7.048	-5.759	-11.413
130.6	-11.762	-7.154	-5.494	-11.325
130.9	-11.493	-7.287	-5.332	-10.781
131.1	-11.301	-7.347	-5.168	-10.496
131.3	-11.048	-7.525	-4.937	-9.982
131.5	-10.872	-7.467	-4.671	-9.714
131.8	-10.562	-7.608	-4.546	-9.236
132.0	-10.450	-7.68	-4.358	-8.777
132.2	-10.369	-7.653	-4.201	-8.411
132.4	-10.140	-7.692	-4.08	-8.156
132.7	-10.048	-7.713	-3.869	-7.869
132.9	-9.942	-7.7	-3.754	-7.586
133.1	-9.894	-7.694	-3.661	-7.387
133.3	-9.777	-7.736	-3.598	-7.374
133.6	-9.837	-7.78	-3.516	-7.343
133.8	-9.839	-7.858	-3.523	-7.324
134.0	-9.800	-7.763	-3.52	-7.26
134.2	-9.705	-7.88	-3.51	-7.2
134.5	-9.667	-7.963	-3.513	-7.366
134.7	-9.694	-7.817	-3.493	-7.454
134.9	-9.639	-7.584	-3.513	-7.492
135.1	-9.503	-7.401	-3.563	-7.543
135.4	-9.468	-7.243	-3.603	-7.671
135.6	-9.445	-6.935	-3.587	-7.907
135.8	-9.472	-6.707	-3.532	-7.985
136.0	-9.376	-6.46	-3.572	-8.063
136.3	-9.303	-6.355	-3.419	-8.234
136.5	-9.224	-6.177	-3.387	-8.325
136.7	-9.077	-6.023	-3.315	-8.273
136.9	-8.885	-5.92	-3.2	-8.485
137.2	-8.829	-5.844	-3.043	-8.524
137.4	-8.710	-5.887	-2.871	-8.401
137.6	-8.627	-5.888	-2.709	-8.708
137.8	-8.472	-5.778	-2.384	-8.716
138.1	-8.285	-6.003	-2.222	-8.656
138.3	-8.186	-6.085	-2.09	-8.782
138.5	-8.085	-6.111	-1.913	-8.943
138.7	-7.920	-6.322	-1.791	-8.949
139.0	-7.795	-6.52	-1.663	-8.845
139.2	-7.634	-6.602	-1.5	-9.02
139.4	-7.468	-6.875	-1.425	-8.961

119.6	0.445	0.349	2.313	0.733
119.9	0.462	0.35	2.323	0.631
120.1	0.459	0.3	2.308	0.632
120.3	0.42	0.306	2.235	0.545
120.5	0.398	0.255	2.132	0.406
120.7	0.421	0.204	1.957	0.403
121.0	0.393	0.284	1.841	0.387
121.2	0.393	0.241	1.905	0.322
121.4	0.451	0.238	1.836	0.339
121.6	0.407	0.258	1.598	0.335
121.9	0.354	0.218	1.37	0.22
122.1	0.428	0.136	1.266	0.243
122.3	0.412	0.18	1.166	0.237
122.5	0.249	0.159	0.932	0.293
122.8	0.445	0.119	0.541	0.243
123.0	0.449	0.147	0.446	0.329
123.2	0.351	0.153	0.333	0.287
123.4	0.433	0.136	0.208	0.259
123.7	0.431	0.143	0.147	0.345
123.9	0.443	0.152	0.117	0.37
124.1	0.495	0.247	0.084	0.307
124.3	0.523	0.18	0.089	0.293
124.6	0.546	0.209	0.137	0.306
124.8	0.672	0.044	0.218	0.337
125.0	0.64	0.053	0.258	0.235
125.2	0.568	0.047	0.318	0.209
125.5	0.617	0.011	0.366	0.156
125.7	0.63	-0.05	0.485	0.107
125.9	0.626	-0.133	0.604	0.087
126.1	0.631	-0.183	0.619	-0.026
126.4	0.531	-0.18	0.713	-0.086
126.6	0.517	-0.231	0.718	0.036
126.8	0.456	-0.338	0.748	-0.176
127.0	0.384	-0.324	0.785	-0.163
127.3	0.31	-0.435	0.798	-0.237
127.5	0.278	-0.455	0.753	-0.298
127.7	0.273	-0.453	0.722	-0.309
127.9	0.125	-0.557	0.694	-0.285
128.2	0.116	-0.517	0.612	-0.337
128.4	0.058	-0.46	0.505	-0.353
128.6	-0.065	-0.449	0.444	-0.354
128.8	-0.038	-0.504	0.352	-0.358
129.1	-0.113	-0.426	0.294	-0.29
129.3	-0.167	-0.414	0.18	-0.273
129.5	-0.218	-0.414	0.062	-0.254
129.7	-0.216	-0.375	0.059	-0.206
130.0	-0.284	-0.401	0.015	-0.182
130.2	-0.276	-0.381	-0.06	-0.195
130.4	-0.303	-0.3	0.003	-0.203
130.6	-0.264	-0.317	-0.096	-0.254
130.9	-0.236	-0.466	-0.02	-0.202
131.1	-0.267	-0.373	-0.072	-0.286
131.3	-0.345	-0.429	-0.079	-0.284
131.5	-0.231	-0.527	-0.093	-0.324
131.8	-0.266	-0.532	0.14	-0.428
132.0	-0.29	-0.682	0.142	-0.429
132.2	-0.289	-0.721	0.038	-0.611
132.4	-0.317	-0.851	0.836	-0.689
132.7	-0.366	-1.001	1.264	-0.652
132.9	-0.375	-1.089	1.388	-0.778
133.1	-0.486	-1.266	1.269	-0.799
133.3	-0.471	-1.346	1.173	-0.913
133.6	-0.557	-1.429	1.442	-0.995
133.8	-0.65	-1.685	1.52	-0.983
134.0	-0.678	-1.761	1.577	-1.038
134.2	-0.797	-1.766	1.825	-1.036
134.5	-0.898	-1.882	2.113	-1.09
134.7	-0.913	-1.95	2.232	-1.026
134.9	-0.719	-2.03	2.197	-1.097
135.1	-0.244	-2.089	2.066	-1.204
135.4	-0.124	-2.114	1.988	-1.266
135.6	0.137	-2.174	1.987	-1.22
135.8	0.432	-2.247	1.999	-1.226
136.0	0.625	-2.204	2.049	-1.33
136.3	0.787	-2.188	2.061	-1.316
136.5	0.92	-2.229	2.016	-1.427
136.7	1.064	-2.318	1.983	-1.483
136.9	1.133	-2.268	1.919	-1.457
137.2	1.168	-2.323	1.837	-1.476
137.4	1.249	-2.39	1.704	-1.597
137.6	1.247	-2.439	1.499	-1.544
137.8	1.272	-2.536	1.277	-1.554
138.1	1.301	-2.688	1.098	-1.568
138.3	1.283	-2.718	1.09	-1.485
138.5	1.308	-2.801	0.865	-1.505
138.7	1.295	-2.842	0.599	-1.597
139.0	1.291	-2.837	0.554	-1.518
139.2	1.277	-2.921	0.505	-1.539
139.4	1.286	-3.033	0.363	-1.56

119.6	-1.654	-2.995	-1.133	-0.968
119.9	-1.598	-2.964	-0.986	-0.942
120.1	-1.545	-2.958	-0.809	-0.879
120.3	-1.468	-3.011	-0.676	-0.745
120.5	-1.487	-2.997	-0.521	-0.732
120.7	-1.479	-3.011	-0.434	-0.635
121.0	-1.46	-2.983	-0.263	-0.579
121.2	-1.437	-2.968	-0.199	-0.443
121.4	-1.405	-2.936	-0.088	-0.412
121.6	-1.435	-2.968	-0.044	-0.232
121.9	-1.412	-2.972	0.039	-0.229
122.1	-1.477	-2.997	0.103	-0.118
122.3	-1.45	-2.856	0.168	-0.101
122.5	-1.449	-2.748	0.218	-0.048
122.8	-1.493	-2.627	0.243	-0.004
123.0	-1.424	-2.484	0.264	0.079
123.2	-1.442	-2.324	0.3	0.18
123.4	-1.43	-2.199	0.356	0.232
123.7	-1.428	-2.038	0.318	0.279
123.9	-1.393	-1.908	0.355	0.351
124.1	-1.382	-1.757	0.431	0.451
124.3	-1.353	-1.74	0.527	0.468
124.6	-1.31	-1.618	0.633	0.511
124.8	-1.227	-1.553	0.746	0.606
125.0	-1.207	-1.449	0.852	0.599
125.2	-1.043	-1.42	0.968	0.649
125.5	-1.061	-1.377	1.046	0.642
125.7	-0.942	-1.264	1.173	0.682
125.9	-0.933	-1.195	1.248	0.711
126.1	-0.795	-1.131	1.273	0.731
126.4	-0.719	-1.07	1.386	0.738
126.6	-0.714	-1.034	1.425	0.775
126.8	-0.639	-0.963	1.465	0.8
127.0	-0.589	-0.843	1.526	0.835
127.3	-0.528	-0.821	1.492	0.915
127.5	-0.483	-0.763	1.487	0.891
127.7	-0.425	-0.714	1.447	1.042
127.9	-0.345	-0.669	1.452	0.997
128.2	-0.321	-0.543	1.412	1.043
128.4	-0.268	-0.535	1.419	1.075
128.6	-0.202	-0.498	1.411	1.146
128.8	-0.148	-0.395	1.441	1.179
129.1	-0.1	-0.343	1.465	1.274
129.3	-0.032	-0.286	1.504	1.389
129.5	0.032	-0.239	1.525	1.418
129.7	0.092	-0.15	1.579	1.501
130.0	0.196	-0.05	1.656	1.559
130.2	0.301	-0.011	1.669	1.571
130.4	0.333	0.026	1.746	1.653
130.6	0.454	0.153	1.794	1.626
130.9	0.534	0.232	1.849	1.691
131.1	0.604	0.2	1.952	1.673
131.3	0.661	0.277	1.975	1.682
131.5	0.723	0.322	2.013	1.704
131.8	0.773	0.415	2.033	1.671
132.0	0.84	0.442	2.019	1.702
132.2	0.869	0.5	2.109	1.682
132.4	0.909	0.513	2.017	1.623
132.7	0.984	0.51	2.033	1.637
132.9	0.942	0.566	1.971	1.621
133.1	0.943	0.582	1.93	1.529
133.3	0.963	0.608	1.927	1.505
133.6	0.896	0.616	1.883	1.535
133.8	0.873	0.69	1.788	1.51
134.0	0.872	0.672	1.775	1.486
134.2	0.791	0.674	1.679	1.557
134.5	0.787	0.731	1.613	1.52
134.7	0.714	0.698	1.546	1.554
134.9	0.697	0.723	1.494	1.585
135.1	0.684	0.751	1.434	1.635
135.4	0.628	0.822	1.412	1.66
135.6	0.601	0.827	1.445	1.708
135.8	0.616	0.895	1.452	1.719
136.0	0.564	0.931	1.537	1.758
136.3	0.547	1.023	1.553	1.792
136.5	0.532	1.059	1.606	1.801
136.7	0.531	1.126	1.679	1.809
136.9	0.532	1.187	1.75	1.828
137.2	0.558	1.261	1.811	1.859
137.4	0.581	1.322	1.887	1.799
137.6	0.623	1.399	1.938	1.736
137.8	0.684	1.393	2.002	1.69
138.1	0.735	1.451	2.038	1.713
138.3	0.798	1.497	2.091	1.638
138.5	0.81	1.484	2.065	1.5
138.7	0.854	1.494	2.074	1.463
139.0	0.908	1.509	2.064	1.402
139.2	0.953	1.501	2.029	1.327
139.4	0.99	1.467	1.96	1.325

139.6	-7.383	-7.065	-1.386	-8.773
139.9	-7.318	-7.289	-1.306	-8.874
140.1	-7.136	-7.417	-1.289	-8.703
140.3	-7.063	-7.601	-1.262	-8.569
140.5	-6.868	-7.866	-1.22	-8.565
140.8	-6.845	-8.14	-1.286	-8.472
141.0	-6.751	-8.237	-1.362	-8.343
141.2	-6.711	-8.328	-1.461	-8.539
141.4	-6.683	-8.357	-1.525	-8.503
141.7	-6.646	-8.464	-1.575	-8.467
141.9	-6.567	-8.534	-1.638	-8.394
142.1	-6.633	-8.441	-1.763	-8.314
142.3	-6.624	-8.469	-1.897	-8.15
142.6	-6.714	-8.377	-2.052	-8.12
142.8	-6.803	-8.373	-2.132	-7.903
143.0	-6.870	-8.172	-2.163	-7.598
143.2	-6.949	-8.166	-2.24	-7.593
143.5	-7.034	-8.099	-2.361	-7.388
143.7	-7.178	-8.036	-2.409	-7.173
143.9	-7.401	-7.902	-2.426	-7.058
144.1	-7.423	-7.909	-2.357	-6.843
144.4	-7.720	-7.833	-2.294	-6.527
144.6	-7.866	-7.804	-2.226	-6.445
144.8	-8.015	-7.834	-2.165	-6.209
145.0	-8.172	-7.843	-2.088	-6.074
145.3	-8.313	-7.766	-1.97	-5.832
145.5	-8.375	-7.655	-2.001	-5.755
145.7	-8.571	-7.551	-1.896	-5.502
145.9	-8.658	-7.544	-1.874	-5.48
146.2	-8.699	-7.531	-1.836	-5.314
146.4	-8.825	-7.408	-1.735	-5.26
146.6	-8.824	-7.345	-1.701	-5.232
146.8	-8.930	-7.309	-1.783	-5.092
147.1	-8.848	-7.269	-1.785	-5.014
147.3	-9.004	-7.14	-1.817	-4.906
147.5	-9.059	-7.187	-1.902	-4.798
147.7	-9.087	-7.045	-2.013	-4.765
148.0	-9.069	-7.085	-2.081	-4.691
148.2	-9.116	-7.023	-2.211	-4.528
148.4	-9.215	-7.032	-2.482	-4.318
148.6	-9.323	-7.178	-2.684	-4.411
148.9	-9.507	-7.127	-2.874	-4.278
149.1	-9.718	-7.128	-3.088	-4.116
149.3	-9.848	-7.325	-3.395	-3.93
149.5	-9.969	-7.526	-3.598	-3.936
149.8	-10.193	-7.669	-3.822	-3.933
150.0	-10.350	-7.866	-3.99	-3.87
150.2	-10.560	-7.991	-4.123	-3.871
150.4	-10.629	-8.277	-4.234	-3.849
150.7	-10.838	-8.335	-4.306	-3.886
150.9	-10.806	-8.451	-4.354	-3.948
151.1	-10.928	-8.613	-4.444	-3.972
151.3	-10.778	-8.626	-4.452	-3.944
151.6	-10.734	-8.709	-4.469	-4.09
151.8	-10.618	-8.612	-4.418	-4.237
152.0	-10.462	-8.825	-4.513	-4.313
152.2	-10.253	-8.895	-4.408	-4.414
152.5	-10.064	-8.839	-4.415	-4.536
152.7	-9.907	-9.074	-4.356	-4.657
152.9	-9.642	-9.148	-4.415	-4.81
153.1	-9.297	-9.269	-4.303	-4.837
153.4	-9.248	-9.203	-4.261	-4.801
153.6	-9.067	-9.203	-4.234	-4.8
153.8	-8.948	-9.167	-4.131	-4.82
154.0	-8.736	-8.987	-4.116	-4.764
154.3	-8.646	-8.871	-4.096	-4.719
154.5	-8.456	-8.791	-4.048	-4.75
154.7	-8.257	-8.489	-3.9	-4.674
154.9	-8.117	-8.446	-3.911	-4.724
155.2	-8.028	-8.305	-3.814	-4.649
155.4	-7.934	-8.21	-3.694	-4.68
155.6	-7.827	-7.955	-3.716	-4.619
155.8	-7.739	-8.01	-3.583	-4.602
156.1	-7.677	-7.869	-3.606	-4.679
156.3	-7.573	-7.642	-3.601	-4.618
156.5	-7.419	-7.645	-3.687	-4.617
156.7	-7.360	-7.602	-3.768	-4.601
157.0	-7.253	-7.489	-3.867	-4.595
157.2	-7.153	-7.516	-3.977	-4.539
157.4	-6.991	-7.453	-4.214	-4.497
157.6	-6.782	-7.41	-4.453	-4.587
157.9	-6.600	-7.198	-4.661	-4.618
158.1	-6.395	-7.234	-4.892	-4.605
158.3	-6.167	-7.112	-5.054	-4.632
158.5	-5.980	-7.049	-5.157	-4.648
158.8	-5.659	-6.93	-5.266	-4.619
159.0	-5.415	-6.71	-5.253	-4.76
159.2	-5.186	-6.624	-5.222	-4.789
159.4	-4.931	-6.515	-5.245	-4.821

139.6	1.253	-3.196	0.219	-1.565
139.9	1.188	-3.369	0.293	-1.57
140.1	1.164	-3.225	0.389	-1.679
140.3	1.08	-3.106	0.431	-1.814
140.5	1.015	-3.052	0.31	-1.856
140.8	1.014	-2.997	0.322	-1.942
141.0	0.875	-2.808	0.377	-2.158
141.2	0.706	-2.89	0.415	-2.355
141.4	0.604	-3.105	0.406	-2.486
141.7	0.563	-3.145	0.312	-2.797
141.9	0.438	-3.05	0.338	-2.91
142.1	0.329	-3.196	0.316	-3.091
142.3	0.29	-3.552	0.21	-3.307
142.6	0.285	-3.491	0.056	-3.453
142.8	0.362	-3.258	-0.01	-3.537
143.0	0.436	-3.2	0.039	-3.574
143.2	0.577	-3.073	-0.072	-3.636
143.5	0.776	-2.894	-0.218	-3.423
143.7	0.917	-2.695	-0.441	-3.551
143.9	1.107	-2.654	-0.528	-3.338
144.1	1.306	-2.543	-0.371	-3.281
144.4	1.463	-2.391	-0.431	-3.155
144.6	1.61	-2.29	-0.648	-2.905
144.8	1.699	-2.181	-0.777	-2.781
145.0	1.76	-2.052	-0.658	-2.657
145.3	1.846	-1.973	-0.622	-2.443
145.5	1.912	-1.858	-0.843	-2.363
145.7	1.996	-1.763	-1.076	-2.274
145.9	2.09	-1.695	-1.026	-2.235
146.2	2.158	-1.608	-0.956	-2.189
146.4	2.251	-1.63	-1.231	-2.125
146.6	2.299	-1.592	-1.676	-2.118
146.8	2.367	-1.567	-1.855	-2.236
147.1	2.396	-1.561	-1.687	-2.339
147.3	2.435	-1.681	-1.699	-2.387
147.5	2.485	-1.874	-1.814	-2.4
147.7	2.563	-2.057	-2.048	-2.508
148.0	2.544	-1.855	-2.127	-2.546
148.2	2.594	-1.717	-2.309	-2.513
148.4	2.635	-1.383	-2.377	-2.622
148.6	2.696	-1.336	-2.471	-2.595
148.9	2.759	-1.195	-2.522	-2.677
149.1	2.768	-1.09	-2.495	-2.644
149.3	2.73	-1.083	-2.517	-2.604
149.5	2.748	-1.018	-2.561	-2.562
149.8	2.737	-0.955	-2.579	-2.476
150.0	2.699	-0.973	-2.637	-2.503
150.2	2.619	-0.931	-2.614	-2.405
150.4	2.594	-0.95	-2.645	-2.37
150.7	2.549	-0.839	-2.605	-2.409
150.9	2.502	-0.89	-2.639	-2.364
151.1	2.476	-0.886	-2.523	-2.298
151.3	2.496	-0.879	-2.489	-2.338
151.6	2.494	-0.901	-2.418	-2.367
151.8	2.465	-0.858	-2.343	-2.369
152.0	2.361	-0.869	-2.609	-2.477
152.2	2.27	-0.905	-2.622	-2.458
152.5	2.234	-0.918	-2.54	-2.558
152.7	2.219	-0.885	-2.542	-2.522
152.9	2.048	-0.966	-2.492	-2.588
153.1	1.904	-0.963	-2.04	-2.578
153.4	1.672	-1.065	-1.819	-2.619
153.6	1.624	-1.088	-1.581	-2.827
153.8	1.565	-1.057	-1.621	-2.756
154.0	1.366	-1.101	-1.494	-2.691
154.3	1.147	-1.229	-1.331	-2.705
154.5	0.994	-1.306	-1.196	-2.64
154.7	0.845	-1.256	-1.046	-2.616
154.9	0.692	-1.258	-1.067	-2.584
155.2	0.476	-1.245	-1.052	-2.58
155.4	0.287	-1.17	-0.956	-2.446
155.6	0.166	-1.126	-0.962	-2.463
155.8	0.054	-0.918	-0.984	-2.408
156.1	-0.068	-0.754	-1.001	-2.386
156.3	-0.242	-0.646	-0.902	-2.331
156.5	-0.261	-0.465	-0.854	-2.359
156.7	-0.26	-0.361	-0.779	-2.297
157.0	-0.359	-0.247	-0.722	-2.253
157.2	-0.41	-0.164	-0.71	-2.284
157.4	-0.4	-0.117	-0.771	-2.125
157.6	-0.392	-0.111	-0.866	-2.082
157.9	-0.385	-0.093	-0.938	-2.079
158.1	-0.312	-0.058	-1.016	-1.982
158.3	-0.254	-0.048	-1.223	-2.094
158.5	-0.211	0.007	-1.447	-2.075
158.8	-0.09	0.05	-1.616	-1.946
159.0	-0.007	0.194	-1.813	-1.911
159.2	0.037	0.252	-1.975	-2.065
159.4	0.066	0.383	-2.142	-2.322

139.6	1.05	1.448	1.875	1.274
139.9	1.049	1.434	1.816	1.257
140.1	1.036	1.384	1.685	1.252
140.3	1.032	1.377	1.591	1.252
140.5	0.997	1.337	1.511	1.276
140.8	1.047	1.271	1.398	1.279
141.0	0.966	1.22	1.365	1.285
141.2	0.93	1.173	1.274	1.288
141.4	0.914	1.184	1.225	1.329
141.7	0.861	1.119	1.173	1.349
141.9	0.848	1.092	1.195	1.374
142.1	0.785	1.048	1.138	1.387
142.3	0.737	0.963	1.148	1.371
142.6	0.698	0.945	1.124	1.339
142.8	0.659	0.945	1.109	1.349
143.0	0.62	0.932	1.082	1.294
143.2	0.6	0.825	1.118	1.238
143.5	0.546	0.801	1.042	1.149
143.7	0.519	0.718	1.035	1.07
143.9	0.496	0.693	0.987	0.994
144.1	0.509	0.654	0.874	0.855
144.4	0.432	0.676	0.873	0.779
144.6	0.386	0.549	0.821	0.722
144.8	0.387	0.543	0.818	0.735
145.0	0.349	0.443	0.821	0.67
145.3	0.315	0.381	0.821	0.645
145.5	0.306	0.377	0.869	0.642
145.7	0.279	0.303	0.924	0.643
145.9	0.196	0.183	1	0.676
146.2	0.159	0.094	1.003	0.692
146.4	0.063	0.011	1.112	0.633
146.6	0.006	-0.003	1.206	0.65
146.8	-0.087	-0.056	1.26	0.681
147.1	-0.165	-0.097	1.317	0.698
147.3	-0.056	-0.079	1.42	0.675
147.5	0.06	-0.025	1.456	0.686
147.7	0.153	-0.066	1.53	0.615
148.0	0.228	-0.08	1.495	0.57
148.2	0.284	-0.126	1.525	0.501
148.4	0.383	-0.081	1.516	0.381
148.6	0.45	-0.139	1.478	0.326
148.9	0.455	-0.185	1.406	0.179
149.1	0.491	-0.239	1.342	0.111
149.3	0.512	-0.312	1.231	0.004
149.5	0.506	-0.369	1.109	-0.122
149.8	0.52	-0.546	0.899	-0.172
150.0	0.49	-0.601	0.711	-0.24
150.2	0.422	-0.764	0.544	-0.237
150.4	0.392	-0.872	0.384	-0.217
150.7	0.323	-0.972	0.271	-0.197
150.9	0.318	-0.998	0.122	-0.236
151.1	0.292	-1.106	0.032	-0.281
151.3	0.249	-1.234	-0.035	-0.232
151.6	0.257	-1.297	-0.034	-0.23
151.8	0.198	-1.373	-0.055	-0.265
152.0	0.19	-1.381	-0.021	-0.264
152.2	0.196	-1.434	-0.044	-0.292
152.5	0.212	-1.448	-0.011	-0.35
152.7	0.251	-1.436	-0.025	-0.414
152.9	0.26	-1.398	0.009	-0.434
153.1	0.271	-1.348	-0.028	-0.515
153.4	0.315	-1.404	0.002	-0.557
153.6	0.291	-1.38	-0.034	-0.567
153.8	0.346	-1.325	-0.069	-0.672
154.0	0.371	-1.338	-0.088	-0.803
154.3	0.408	-1.381	-0.083	-0.676
154.5	0.43	-1.357	-0.166	-0.452
154.7	0.445	-1.391	-0.156	-0.283
154.9	0.501	-1.342	-0.124	-0.118
155.2	0.482	-1.291	-0.196	0.114
155.4	0.457	-1.289	-0.18	0.148
155.6	0.431	-1.297	-0.203	0.331
155.8	0.378	-1.308	-0.21	0.476
156.1	0.306	-1.348	-0.204	0.529
156.3	0.26	-1.358	-0.205	0.623
156.5	0.258	-1.397	-0.195	0.705
156.7	0.188	-1.447	-0.167	0.716
157.0	0.088	-1.488	-0.15	0.793
157.2	0.089	-1.516	-0.122	0.785
157.4	-0.016	-1.541	-0.208	0.781
157.6	-0.04	-1.536	-0.266	0.717
157.9	-0.112	-1.536	-0.316	0.775
158.1	-0.245	-1.453	-0.416	0.603
158.3	-0.309	-1.448	-0.549	0.575
158.5	-0.344	-1.446	-0.751	0.465
158.8	-0.478	-1.416	-0.837	0.409
159.0	-0.531	-1.276	-1.01	0.276
159.2	-0.544	-1.281	-1.118	0.135
159.4	-0.623	-1.216	-1.182	0.073

159.7	-4.676	-6.266	-5.126	-4.845
159.9	-4.321	-6.076	-4.913	-4.916
160.1	-4.238	-5.853	-4.835	-4.986
160.3	-3.994	-5.613	-4.641	-5.066
160.5	-3.833	-5.384	-4.455	-5.056
160.8	-3.655	-4.959	-4.36	-5.114
161.0	-3.505	-4.874	-4.109	-5.162
161.2	-3.409	-4.669	-4.026	-5.027
161.4	-3.325	-4.497	-3.854	-5.117
161.7	-3.195	-4.305	-3.807	-5.106
161.9	-3.052	-4.167	-3.828	-5.087
162.1	-2.963	-4.01	-3.714	-5.066
162.3	-2.950	-3.898	-3.749	-4.994
162.6	-2.743	-3.675	-3.717	-4.951
162.8	-2.824	-3.637	-3.765	-4.946
163.0	-2.679	-3.51	-3.859	-4.909
163.2	-2.709	-3.449	-3.987	-5.017
163.5	-2.674	-3.29	-4.116	-5.032
163.7	-2.605	-3.225	-4.184	-5.014
163.9	-2.522	-3.094	-4.306	-5.125
164.1	-2.461	-2.963	-4.458	-5.192
164.4	-2.429	-2.715	-4.467	-5.192
164.6	-2.292	-2.7	-4.544	-5.242
164.8	-2.227	-2.537	-4.601	-5.302
165.0	-2.195	-2.352	-4.512	-5.231
165.3	-2.123	-2.225	-4.402	-5.216
165.5	-2.047	-2.11	-4.258	-5.249
165.7	-2.012	-1.965	-4.079	-5.098
165.9	-1.937	-1.823	-3.928	-4.967
166.2	-1.854	-1.733	-3.712	-4.934
166.4	-1.797	-1.647	-3.448	-4.945
166.6	-1.733	-1.607	-3.186	-4.911
166.8	-1.728	-1.536	-3.088	-4.823
167.1	-1.676	-1.491	-2.978	-4.747
167.3	-1.648	-1.426	-2.645	-4.803
167.5	-1.578	-1.405	-2.653	-4.787
167.7	-1.576	-1.417	-2.553	-4.779
168.0	-1.595	-1.376	-2.367	-4.627
168.2	-1.620	-1.383	-2.294	-4.603
168.4	-1.710	-1.411	-2.23	-4.666
168.6	-1.760	-1.376	-2.144	-4.61
168.9	-1.834	-1.461	-1.965	-4.542
169.1	-1.928	-1.546	-1.877	-4.556
169.3	-2.018	-1.595	-1.702	-4.632
169.5	-2.118	-1.666	-1.546	-4.626
169.8	-2.212	-1.75	-1.406	-4.688
170.0	-2.279	-1.82	-1.208	-4.663
170.2	-2.397	-1.874	-0.995	-4.705
170.4	-2.542	-1.861	-0.964	-4.679
170.7	-2.596	-2.027	-0.813	-4.714
170.9	-2.688	-2.112	-0.626	-4.69
171.1	-2.787	-2.139	-0.643	-4.755
171.3	-2.890	-2.158	-0.596	-4.725
171.6	-2.957	-2.233	-0.563	-4.747
171.8	-3.096	-2.237	-0.576	-4.751
172.0	-3.141	-2.282	-0.661	-4.828
172.2	-3.284	-2.351	-0.751	-4.827
172.5	-3.309	-2.393	-0.801	-4.882
172.7	-3.418	-2.471	-0.833	-4.885
172.9	-3.418	-2.538	-0.992	-4.852
173.1	-3.497	-2.613	-1.143	-4.754
173.4	-3.500	-2.851	-1.275	-4.621
173.6	-3.569	-3.011	-1.461	-4.496
173.8	-3.592	-3.219	-1.447	-4.288
174.0	-3.630	-3.177	-1.658	-4.27
174.3	-3.685	-3.178	-1.765	-4.154
174.5	-3.728	-3.244	-1.733	-4.019
174.7	-3.743	-3.259	-1.83	-3.906
174.9	-3.741	-3.357	-1.898	-3.812
175.2	-3.877	-3.48	-1.882	-3.818
175.4	-3.926	-3.577	-1.939	-3.772
175.6	-3.960	-3.603	-1.916	-3.851
175.8	-4.037	-3.674	-1.991	-3.861
176.1	-4.054	-3.655	-2.035	-3.858
176.3	-4.116	-3.661	-2.107	-3.885
176.5	-4.148	-3.613	-2.167	-4.027
176.7	-4.252	-3.676	-2.254	-4.16
177.0	-4.320	-3.682	-2.376	-4.251
177.2	-4.292	-3.622	-2.448	-4.328
177.4	-4.341	-3.609	-2.55	-4.426
177.6	-4.454	-3.512	-2.76	-4.539
177.9	-4.541	-3.427	-2.831	-4.611
178.1	-4.520	-3.349	-2.904	-4.759
178.3	-4.613	-3.315	-2.983	-4.847
178.5	-4.654	-3.197	-3.118	-4.955
178.8	-4.758	-3.011	-3.176	-4.952
179.0	-4.765	-2.837	-3.222	-5.085
179.2	-4.867	-2.678	-3.296	-5.146
179.4	-4.874	-2.486	-3.395	-5.265

159.7	0.106	0.52	-2.279	-2.413
159.9	0.124	0.668	-2.346	-2.454
160.1	0.155	0.757	-2.343	-2.589
160.3	0.127	0.763	-2.343	-2.73
160.5	0.112	0.808	-2.228	-2.741
160.8	0.128	0.974	-2.05	-2.918
161.0	0.059	1.096	-1.873	-3.119
161.2	0	1.133	-1.837	-3.304
161.4	-0.003	1.067	-1.763	-3.342
161.7	-0.036	1.093	-1.727	-3.293
161.9	-0.124	1.112	-1.816	-3.265
162.1	-0.106	1.006	-1.842	-3.445
162.3	-0.152	0.898	-1.921	-3.547
162.6	-0.214	0.815	-2.079	-3.392
162.8	-0.224	0.847	-2.344	-3.302
163.0	-0.225	0.877	-2.418	-3.206
163.2	-0.197	0.713	-2.483	-3.184
163.5	-0.159	0.507	-2.589	-3.117
163.7	0.01	0.421	-2.703	-3.024
163.9	0.237	0.381	-2.694	-2.912
164.1	0.39	0.19	-2.691	-2.951
164.4	0.515	-0.069	-2.765	-2.852
164.6	0.644	-0.147	-2.879	-2.848
164.8	0.8	-0.33	-2.856	-2.811
165.0	0.916	-0.56	-2.914	-2.854
165.3	0.986	-0.878	-3.11	-2.965
165.5	1.05	-1.066	-3.316	-3.06
165.7	1.07	-0.997	-3.449	-3.099
165.9	1.105	-0.998	-3.391	-3.146
166.2	1.092	-1.101	-3.355	-3.258
166.4	1.043	-0.954	-3.349	-3.32
166.6	1.029	-0.885	-3.461	-3.316
166.8	1.1	-0.952	-3.367	-3.363
167.1	1.12	-0.854	-3.23	-3.437
167.3	1.145	-0.841	-3.089	-3.47
167.5	1.168	-0.835	-2.82	-3.392
167.7	1.177	-0.778	-2.631	-3.395
168.0	1.144	-0.829	-2.379	-3.425
168.2	1.075	-0.824	-1.996	-3.352
168.4	0.986	-0.931	-1.674	-3.378
168.6	0.851	-0.978	-1.521	-3.329
168.9	0.767	-1	-1.462	-3.301
169.1	0.623	-1.088	-1.336	-3.159
169.3	0.623	-1.209	-1.119	-3.174
169.5	0.418	-1.346	-0.879	-3.195
169.8	0.308	-1.298	-0.538	-3.154
170.0	0.225	-1.347	-0.418	-3.104
170.2	0.154	-1.405	-0.304	-3.059
170.4	0.061	-1.48	-0.213	-3.214
170.7	-0.034	-1.489	-0.116	-3.14
170.9	-0.117	-1.588	0.009	-3.245
171.1	-0.109	-1.791	0.115	-3.156
171.3	-0.131	-1.878	0.151	-3.167
171.6	-0.132	-1.91	0.236	-3.076
171.8	-0.082	-2.04	0.286	-3.017
172.0	-0.045	-2.102	0.266	-2.896
172.2	-0.002	-2.313	0.34	-2.747
172.5	0.017	-2.45	0.364	-2.574
172.7	0.07	-2.524	0.352	-2.425
172.9	0.157	-2.516	0.366	-2.305
173.1	0.17	-2.526	0.387	-2.186
173.4	0.17	-2.557	0.435	-2.15
173.6	0.109	-2.529	0.41	-2.048
173.8	0.163	-2.331	0.459	-1.907
174.0	0.254	-2.08	0.545	-1.708
174.3	0.262	-1.992	0.557	-1.538
174.5	0.26	-1.958	0.624	-1.363
174.7	0.26	-1.924	0.756	-1.257
174.9	0.323	-1.788	0.807	-1.144
175.2	0.291	-1.647	0.941	-1.072
175.4	0.232	-1.47	0.993	-1.095
175.6	0.185	-1.43	0.999	-1.034
175.8	0.137	-1.347	1.063	-1.125
176.1	0.049	-1.356	1.126	-1.144
176.3	-0.004	-1.314	1.188	-1.139
176.5	-0.044	-1.323	1.213	-1.207
176.7	-0.126	-1.231	1.104	-1.201
177.0	-0.187	-1.122	1.01	-1.225
177.2	-0.166	-1.076	0.984	-1.307
177.4	-0.115	-0.958	0.916	-1.366
177.6	0.014	-0.894	0.77	-1.361
177.9	0.201	-0.844	0.59	-1.338
178.1	0.451	-0.849	0.539	-1.338
178.3	0.503	-0.831	0.571	-1.267
178.5	0.498	-0.854	0.3	-1.171
178.8	0.666	-0.898	0.021	-1.093
179.0	1.078	-0.86	-0.167	-0.894
179.2	1.349	-0.9	-0.127	-0.731
179.4	1.37	-0.921	-0.14	-0.62

159.7	-0.686	-1.184	-1.091	-0.037
159.9	-0.728	-1.051	-1.09	-0.07
160.1	-0.706	-1.02	-1.001	-0.188
160.3	-0.708	-0.94	-0.844	-0.276
160.5	-0.744	-0.86	-0.834	-0.328
160.8	-0.682	-0.776	-0.616	-0.342
161.0	-0.632	-0.692	-0.532	-0.391
161.2	-0.61	-0.627	-0.382	-0.407
161.4	-0.57	-0.66	-0.235	-0.465
161.7	-0.545	-0.572	-0.097	-0.456
161.9	-0.515	-0.52	0.031	-0.453
162.1	-0.425	-0.46	0.181	-0.384
162.3	-0.348	-0.48	0.322	-0.307
162.6	-0.331	-0.393	0.448	-0.293
162.8	-0.242	-0.321	0.587	-0.248
163.0	-0.137	-0.323	0.733	-0.178
163.2	-0.063	-0.24	0.889	-0.09
163.5	-0.006	-0.278	0.943	0.018
163.7	0.025	-0.219	1.03	0.073
163.9	0.069	-0.189	1.095	0.161
164.1	0.161	-0.175	1.245	0.234
164.4	0.19	-0.094	1.303	0.318
164.6	0.222	-0.05	1.379	0.348
164.8	0.309	-0.058	1.432	0.435
165.0	0.304	-0.042	1.485	0.492
165.3	0.386	-0.02	1.498	0.574
165.5	0.432	-0.022	1.453	0.602
165.7	0.45	0.017	1.425	0.629
165.9	0.425	0.022	1.381	0.684
166.2	0.458	0.022	1.286	0.781
166.4	0.451	0.113	1.218	0.741
166.6	0.391	0.059	1.129	0.848
166.8	0.398	0.058	0.99	0.829
167.1	0.337	0.003	0.89	0.9
167.3	0.359	-0.014	0.682	0.956
167.5	0.297	-0.082	0.551	0.886
167.7	0.321	-0.012	0.481	0.927
168.0	0.294	-0.145	0.337	0.925
168.2	0.29	-0.203	0.24	0.941
168.4	0.279	-0.189	0.144	0.918
168.6	0.24	-0.341	0.102	0.923
168.9	0.276	-0.299	0.036	0.943
169.1	0.254	-0.391	-0.025	0.945
169.3	0.327	-0.394	-0.065	0.941
169.5	0.324	-0.424	-0.106	0.95
169.8	0.36	-0.332	-0.163	0.99
170.0	0.326	-0.319	-0.182	1.027
170.2	0.404	-0.28	-0.216	1.034
170.4	0.426	-0.207	-0.23	1.001
170.7	0.504	-0.132	-0.285	1.038
170.9	0.511	-0.066	-0.282	1.006
171.1	0.556	-0.041	-0.299	1
171.3	0.594	0.005	-0.361	0.962
171.6	0.557	0.004	-0.341	1.005
171.8	0.604	0.086	-0.321	0.959
172.0	0.515	0.102	-0.388	0.953
172.2	0.506	0.122	-0.471	0.915
172.5	0.451	0.116	-0.517	0.904
172.7	0.459	0.124	-0.567	0.905
172.9	0.351	0.119	-0.692	0.821
173.1	0.268	0.022	-0.823	0.797
173.4	0.187	-0.011	-0.959	0.75
173.6	0.052	-0.076	-1.062	0.704
173.8	-0.016	-0.156	-1.12	0.622
174.0	-0.192	-0.214	-1.342	0.59
174.3	-0.162	-0.253	-1.497	0.539
174.5	-0.067	-0.218	-1.58	0.525
174.7	0.003	-0.221	-1.776	0.431
174.9	0.047	-0.133	-1.843	0.337
175.2	0.141	-0.08	-1.948	0.361
175.4	0.226	0.003	-2	0.262
175.6	0.246	0.1	-1.976	0.166
175.8	0.3	0.13	-1.942	0.088
176.1	0.332	0.122	-1.96	0.01
176.3	0.34	0.15	-1.941	-0.13
176.5	0.391	0.153	-1.921	-0.182
176.7	0.407	0.159	-1.863	-0.247
177.0	0.452	0.094	-1.846	-0.289
177.2	0.512	0.053	-1.855	-0.338
177.4	0.523	0.072	-1.916	-0.371
177.6	0.534	-0.055	-1.857	-0.383
177.9	0.567	-0.066	-1.795	-0.383
178.1	0.604	-0.123	-1.873	-0.342
178.3	0.647	-0.179	-1.788	-0.331
178.5	0.699	-0.3	-1.743	-0.277
178.8	0.715	-0.315	-1.73	-0.259
179.0	0.798	-0.377	-1.713	-0.215
179.2	0.815	-0.458	-1.787	-0.145
179.4	0.839	-0.479	-1.769	-0.018

179.7	-4.857	-2.347	-3.48	-5.321
179.9	-4.889	-2.191	-3.526	-5.318
180.1	-4.777	-2.014	-3.662	-5.555
180.3	-4.833	-1.955	-3.776	-5.643
180.6	-4.706	-1.901	-3.861	-5.871
180.8	-4.625	-1.86	-4.053	-6.003
181.0	-4.567	-1.819	-4.223	-6.14
181.2	-4.556	-1.88	-4.314	-6.267
181.5	-4.509	-1.882	-4.425	-6.574
181.7	-4.398	-1.963	-4.579	-6.689
181.9	-4.372	-1.994	-4.613	-6.927
182.1	-4.337	-2.021	-4.68	-7.179
182.4	-4.242	-2.072	-4.698	-7.34
182.6	-4.185	-2.159	-4.644	-7.486
182.8	-4.116	-2.223	-4.702	-7.78
183.0	-4.061	-2.27	-4.613	-7.744
183.3	-3.980	-2.294	-4.572	-8.046
183.5	-3.991	-2.385	-4.534	-8.311
183.7	-3.907	-2.484	-4.541	-8.263
183.9	-3.883	-2.629	-4.426	-8.336
184.2	-3.932	-2.748	-4.461	-8.482
184.4	-3.927	-2.813	-4.584	-8.469
184.6	-3.887	-2.911	-4.689	-8.554
184.8	-3.927	-3.031	-4.876	-8.463
185.1	-3.934	-3.188	-5.074	-8.602
185.3	-3.941	-3.274	-5.24	-8.513
185.5	-3.946	-3.386	-5.536	-8.674
185.7	-3.948	-3.585	-5.765	-8.633
186.0	-3.948	-3.729	-6.033	-8.787
186.2	-4.017	-3.778	-6.128	-8.992
186.4	-3.994	-3.829	-6.312	-8.978
186.6	-4.038	-3.892	-6.475	-8.84
186.9	-4.005	-3.837	-6.626	-8.904
187.1	-4.055	-3.86	-6.815	-8.987
187.3	-4.083	-3.785	-6.896	-8.942
187.5	-4.049	-3.785	-6.942	-8.746
187.8	-4.090	-3.695	-6.899	-8.582
188.0	-4.008	-3.703	-6.849	-8.565
188.2	-4.122	-3.74	-6.741	-8.574
188.4	-4.173	-3.849	-6.601	-8.466
188.7	-4.217	-3.804	-6.563	-8.466
188.9	-4.185	-3.922	-6.405	-8.342
189.1	-4.193	-3.881	-6.219	-8.095
189.3	-4.195	-3.936	-5.931	-8.133
189.6	-4.256	-3.969	-5.523	-8.029
189.8	-4.248	-3.99	-5.087	-7.956
190.0	-4.160	-4.047	-4.708	-7.703
190.2	-4.365	-4.023	-4.299	-7.736
190.5	-4.395	-4.044	-3.948	-7.609
190.7	-4.463	-4.042	-3.777	-7.401
190.9	-4.484	-4.043	-3.693	-7.26
191.1	-4.617	-3.966	-3.525	-7.211
191.4	-4.585	-3.948	-3.538	-7.208
191.6	-4.652	-3.986	-3.454	-7.149
191.8	-4.845	-3.91	-3.379	-7.18
192.0	-4.925	-4.015	-3.559	-7.239
192.3	-4.974	-4.048	-3.63	-7.253
192.5	-5.034	-4.082	-3.708	-7.318
192.7	-5.125	-4.105	-3.723	-7.446
192.9	-5.176	-4.167	-3.796	-7.563
193.2	-5.172	-4.302	-3.7	-7.671
193.4	-5.234	-4.281	-3.602	-8.002
193.6	-5.440	-4.414	-3.41	-8.391
193.8	-5.554	-4.472	-3.236	-8.764
194.1	-5.718	-4.625	-3.142	-9.159
194.3	-5.752	-4.755	-2.995	-9.617
194.5	-6.025	-4.811	-2.892	-9.994
194.7	-6.209	-4.957	-2.882	-10.515
195.0	-6.278	-5.11	-2.822	-10.881
195.2	-6.383	-5.228	-2.911	-11.145
195.4	-6.304	-5.288	-3.029	-11.592
195.6	-6.375	-5.443	-3.202	-11.855
195.9	-6.362	-5.556	-3.385	-12.091
196.1	-6.271	-5.676	-3.709	-12.189
196.3	-6.279	-5.636	-3.923	-12.075
196.5	-6.319	-5.698	-4.216	-11.753
196.8	-6.312	-5.594	-4.461	-11.081
197.0	-6.370	-5.604	-4.69	-10.832
197.2	-6.439	-5.509	-4.912	-10.267
197.4	-6.542	-5.377	-5.078	-9.647
197.7	-6.636	-5.361	-5.279	-9.159
197.9	-6.836	-5.281	-5.504	-8.797
198.1	-7.072	-5.204	-5.816	-8.289
198.3	-7.188	-5.116	-5.88	-8.028
198.6	-7.453	-4.93	-5.969	-7.722
198.8	-7.504	-4.886	-6.045	-7.549
199.0	-7.662	-4.881	-6.033	-7.343
199.2	-7.758	-4.801	-5.964	-7.144
199.5	-7.947	-4.732	-5.956	-7.103

179.7	1.335	-1.012	-0.352	-0.406
179.9	1.547	-1.082	-0.563	-0.276
180.1	1.835	-1.119	-0.662	-0.118
180.3	1.916	-1.062	-0.798	-0.048
180.6	2.001	-0.921	-0.888	-0.004
180.8	2.149	-0.832	-0.891	0.035
181.0	2.299	-0.734	-0.83	0.065
181.2	2.294	-0.361	-0.859	-0.035
181.5	2.328	-0.126	-1.001	-0.14
181.7	2.401	-0.014	-1.22	-0.198
181.9	2.482	0.135	-1.334	-0.314
182.1	2.554	0.346	-1.409	-0.632
182.4	2.561	0.602	-1.509	-0.69
182.6	2.5	0.64	-1.702	-0.924
182.8	2.539	0.689	-1.949	-1.036
183.0	2.595	0.789	-2.199	-1.061
183.3	2.606	0.93	-2.372	-1.376
183.5	2.674	0.993	-2.542	-1.451
183.7	2.702	0.894	-2.631	-1.479
183.9	2.792	0.83	-2.659	-1.511
184.2	2.77	0.945	-2.75	-1.744
184.4	2.767	1.095	-2.594	-1.679
184.6	2.722	1.162	-1.856	-1.662
184.8	2.733	1.107	-1.569	-1.693
185.1	2.749	0.993	-1.443	-1.762
185.3	2.841	0.954	-1.292	-1.979
185.5	2.88	0.912	-0.896	-2.144
185.7	2.875	0.826	-0.56	-2.178
186.0	2.863	0.745	-0.223	-2.258
186.2	2.784	0.626	0.131	-2.357
186.4	2.73	0.502	0.31	-2.371
186.6	2.715	0.38	0.449	-2.454
186.9	2.629	0.274	0.607	-2.436
187.1	2.617	0.152	0.849	-2.389
187.3	2.547	0.08	1.267	-2.514
187.5	2.53	0.021	1.565	-2.543
187.8	2.508	-0.035	1.582	-2.506
188.0	2.441	-0.003	1.556	-2.324
188.2	2.403	-0.056	1.672	-2.183
188.4	2.34	-0.042	1.861	-2.197
188.7	2.242	-0.082	1.955	-2.308
188.9	2.173	-0.139	1.901	-2.228
189.1	2.081	-0.213	1.835	-2.1
189.3	1.997	-0.395	1.828	-1.953
189.6	1.959	-0.479	1.707	-2.054
189.8	1.83	-0.632	1.633	-2.147
190.0	1.775	-0.898	1.454	-2.181
190.2	1.699	-1.031	1.245	-1.992
190.5	1.525	-1.086	1.059	-1.945
190.7	1.417	-1.098	0.899	-2.063
190.9	1.268	-1.195	0.689	-2.045
191.1	1.097	-1.268	0.555	-1.532
191.4	0.904	-1.194	0.402	-1.127
191.6	0.728	-1.203	0.201	-1.001
191.8	0.584	-1.14	0.057	-0.964
192.0	0.69	-1.054	-0.107	-0.788
192.3	0.77	-1.045	-0.244	-0.614
192.5	0.845	-1.017	-0.422	-0.644
192.7	0.959	-0.997	-0.527	-0.617
192.9	1.125	-0.979	-0.631	-0.589
193.2	1.102	-0.893	-0.801	-0.636
193.4	1.128	-0.868	-0.865	-0.688
193.6	1.186	-0.896	-0.884	-0.956
193.8	1.276	-0.84	-0.917	-1.16
194.1	1.308	-0.873	-0.879	-1.318
194.3	1.298	-0.839	-0.807	-1.408
194.5	1.297	-0.861	-0.692	-1.571
194.7	1.338	-0.887	-0.69	-1.769
195.0	1.329	-0.878	-0.704	-1.921
195.2	1.328	-0.874	-0.603	-1.804
195.4	1.345	-0.777	-0.539	-1.771
195.6	1.361	-0.803	-0.398	-1.776
195.9	1.33	-0.968	-0.418	-1.69
196.1	1.382	-1.087	-0.57	-1.74
196.3	1.394	-0.987	-0.698	-1.703
196.5	1.389	-1.025	-0.276	-1.646
196.8	1.386	-1.07	-0.054	-1.693
197.0	1.355	-1.141	0.053	-1.762
197.2	1.348	-1.256	0.211	-1.914
197.4	1.327	-1.331	0.277	-1.879
197.7	1.291	-1.357	0.289	-1.58
197.9	1.291	-1.173	0.43	-1.518
198.1	1.147	-0.99	0.438	-1.665
198.3	1.023	-0.796	0.348	-1.899
198.6	0.969	-0.765	0.326	-2.089
198.8	0.754	-0.655	0.265	-1.997
199.0	0.532	-0.612	0.197	-2.046
199.2	0.327	-0.651	0.071	-2.12
199.5	0.073	-0.562	-0.135	-2.281

179.7	0.892	-0.48	-1.772	0
179.9	0.905	-0.397	-1.778	0.123
180.1	0.906	-0.424	-1.779	0.204
180.3	0.956	-0.385	-1.793	0.317
180.6	0.983	-0.249	-1.824	0.382
180.8	0.974	-0.296	-1.793	0.525
181.0	0.994	-0.244	-1.846	0.562
181.2	0.953	-0.18	-1.96	0.689
181.5	0.95	-0.122	-2.071	0.811
181.7	0.914	-0.058	-2.181	0.853
181.9	0.851	-0.04	-2.307	0.817
182.1	0.839	-0.048	-2.462	0.811
182.4	0.78	-0.056	-2.656	0.793
182.6	0.742	-0.058	-2.86	0.759
182.8	0.689	-0.029	-3.143	0.694
183.0	0.658	-0.003	-3.345	0.663
183.3	0.598	-0.139	-3.716	0.532
183.5	0.542	-0.164	-4.103	0.527
183.7	0.523	-0.157	-4.513	0.326
183.9	0.513	-0.192	-4.914	0.184
184.2	0.463	-0.223	-5.394	0.096
184.4	0.478	-0.252	-5.675	-0.032
184.6	0.57	-0.275	-5.836	-0.251
184.8	0.49	-0.241	-6.012	-0.438
185.1	0.484	-0.343	-6.147	-0.616
185.3	0.519	-0.388	-6.254	-0.779
185.5	0.529	-0.405	-6.363	-0.779
185.7	0.572	-0.474	-6.477	-0.646
186.0	0.562	-0.46	-6.626	-0.586
186.2	0.629	-0.527	-6.798	-0.491
186.4	0.653	-0.581	-6.904	-0.496
186.6	0.671	-0.623	-7.148	-0.401
186.9	0.741	-0.689	-7.148	-0.403
187.1	0.753	-0.687	-6.947	-0.375
187.3	0.768	-0.753	-6.683	-0.342
187.5	0.851	-0.699	-6.423	-0.325
187.8	0.788	-0.843	-6.199	-0.27
188.0	0.798	-0.885	-6.052	-0.328
188.2	0.836	-0.911	-5.832	-0.241
188.4	0.795	-0.948	-5.715	-0.327
188.7	0.776	-1.084	-5.535	-0.294
188.9	0.715	-1.159	-5.406	-0.323
189.1	0.695	-1.225	-5.382	-0.328
189.3	0.638	-1.244	-5.334	-0.246
189.6	0.578	-1.325	-5.575	-0.248
189.8	0.482	-1.353	-5.588	-0.168
190.0	0.457	-1.464	-5.758	-0.066
190.2	0.356	-1.557	-6.052	0
190.5	0.263	-1.585	-6.298	0.166
190.7	0.211	-1.713	-6.514	0.314
190.9	0.075	-1.782	-6.754	0.409
191.1	0.018	-1.822	-7.029	0.442
191.4	-0.071	-1.836	-7.285	0.536
191.6	-0.132	-1.798	-7.5	0.645
191.8	-0.196	-1.849	-7.47	0.693
192.0	-0.279	-1.866	-7.497	0.729
192.3	-0.34	-1.867	-7.464	0.646
192.5	-0.354	-1.874	-7.269	0.681
192.7	-0.392	-1.764	-7.094	0.628
192.9	-0.503	-1.835	-6.934	0.628
193.2	-0.525	-1.672	-6.934	0.634
193.4	-0.6	-1.665	-6.89	0.64
193.6	-0.602	-1.602	-6.839	0.609
193.8	-0.695	-1.561	-6.951	0.592
194.1	-0.715	-1.405	-7.048	0.607
194.3	-0.755	-1.435	-7.048	0.584
194.5	-0.851	-1.404	-7.379	0.641
194.7	-0.958	-1.394	-7.675	0.7
195.0	-1.006	-1.396	-8.076	0.742
195.2	-1.073	-1.35	-8.306	0.814
195.4	-1.152	-1.387	-8.598	0.933
195.6	-1.227	-1.428	-9.008	1.03
195.9	-1.26	-1.359	-9.148	1.101
196.1	-1.34	-1.406	-9.201	1.148
196.3	-1.415	-1.423	-9.166	1.219
196.5	-1.446	-1.439	-9.214	1.272
196.8	-1.501	-1.386	-9.015	1.323
197.0	-1.485	-1.383	-8.919	1.327
197.2	-1.532	-1.371	-8.676	1.355
197.4	-1.581	-1.262	-8.775	1.349
197.7	-1.562	-1.175	-8.601	1.322
197.9	-1.56	-1.107	-8.437	1.275
198.1	-1.607	-1.02	-8.752	1.274
198.3	-1.548	-0.897	-8.856	1.211
198.6	-1.612	-0.803	-9.235	1.261
198.8	-1.574	-0.717	-9.553	1.195
199.0	-1.568	-0.564	-9.883	1.208
199.2	-1.603	-0.463	-10.253	1.183
199.5	-1.579	-0.337	-10.91	1.216

199.7	-8.006	-4.657	-5.825	-6.986
199.9	-8.201	-4.503	-5.678	-6.781
200.1	-8.310	-4.593	-5.606	-6.756
200.3	-8.413	-4.582	-5.462	-6.57
200.6	-8.532	-4.526	-5.34	-6.448
200.8	-8.719	-4.611	-5.393	-6.474
201.0	-8.857	-4.643	-5.394	-6.262
201.2	-8.900	-4.732	-5.476	-6.345
201.5	-8.813	-4.786	-5.549	-6.34
201.7	-8.879	-4.827	-5.609	-6.3
201.9	-8.775	-5.016	-5.589	-6.45
202.1	-8.677	-5.172	-5.718	-6.539
202.4	-8.535	-5.263	-5.582	-6.64
202.6	-8.374	-5.392	-5.454	-6.884
202.8	-8.114	-5.39	-5.297	-7.088
203.0	-7.886	-5.684	-4.985	-7.328
203.3	-7.609	-5.905	-4.696	-7.61
203.5	-7.413	-5.986	-4.507	-8.014
203.7	-7.196	-6.176	-4.225	-8.222
203.9	-7.006	-6.378	-3.993	-8.519
204.2	-6.727	-6.514	-3.837	-9.096
204.4	-6.581	-6.704	-3.616	-9.646
204.6	-6.372	-6.814	-3.602	-9.825
204.8	-6.167	-6.899	-3.488	-10.74
205.1	-6.077	-6.831	-3.554	-11.276
205.3	-5.840	-6.674	-3.519	-11.78
205.5	-5.707	-6.409	-3.452	-11.854
205.7	-5.569	-6.544	-3.395	-11.835
206.0	-5.506	-6.457	-3.352	-11.981
206.2	-5.454	-6.523	-3.307	-12.154
206.4	-5.319	-6.442	-3.163	-12.387
206.6	-5.197	-6.422	-3.128	-12.497
206.9	-5.028	-6.402	-3.019	-12.488
207.1	-4.970	-6.432	-2.98	-12.267
207.3	-4.936	-6.485	-2.883	-12.686
207.5	-4.673	-6.438	-2.895	-12.456
207.8	-4.540	-6.527	-3.004	-12.542
208.0	-4.447	-6.536	-3.075	-12.489
208.2	-4.391	-6.314	-3.301	-12.207
208.4	-4.292	-6.105	-3.64	-12.146
208.7	-4.113	-5.765	-3.942	-11.926
208.9	-4.185	-5.673	-4.272	-11.755
209.1	-4.179	-5.423	-4.837	-11.429
209.3	-4.191	-5.287	-5.346	-11.407
209.6	-4.207	-4.98	-5.99	-11.25
209.8	-4.257	-4.904	-6.105	-11.003
210.0	-4.307	-4.686	-6.057	-10.878
210.2	-4.419	-4.494	-5.974	-10.721
210.5	-4.478	-4.332	-5.961	-10.493
210.7	-4.627	-4.128	-5.906	-10.125
210.9	-4.710	-3.957	-5.904	-10.117
211.1	-4.797	-3.714	-5.914	-9.905
211.4	-4.867	-3.621	-5.858	-9.628
211.6	-5.002	-3.477	-5.887	-9.364
211.8	-5.047	-3.36	-5.877	-9.372
212.0	-5.158	-3.237	-5.915	-9.212
212.3	-5.256	-3.069	-5.91	-9.003
212.5	-5.337	-2.934	-5.934	-8.752
212.7	-5.496	-2.864	-5.978	-8.594
212.9	-5.607	-2.813	-6.066	-8.387
213.2	-5.772	-2.801	-6.059	-8.488
213.4	-5.814	-2.871	-6.081	-8.381
213.6	-6.017	-2.869	-6.089	-8.343
213.8	-6.081	-2.945	-5.989	-8.185
214.1	-6.221	-2.967	-6.001	-8.206
214.3	-6.375	-2.954	-5.983	-8.017
214.5	-6.489	-3.014	-5.945	-7.887
214.7	-6.603	-3.057	-5.763	-7.806
215.0	-6.618	-3.161	-5.793	-7.762
215.2	-6.678	-3.205	-5.74	-7.673
215.4	-6.863	-3.219	-5.703	-7.628
215.6	-6.948	-3.349	-5.637	-7.683
215.9	-6.959	-3.422	-5.543	-7.477
216.1	-7.057	-3.427	-5.422	-7.579
216.3	-7.110	-3.669	-5.378	-7.565
216.5	-7.163	-3.728	-5.316	-7.377
216.8	-7.258	-3.86	-5.274	-7.229
217.0	-7.292	-4.006	-5.243	-6.94
217.2	-7.293	-4.115	-5.204	-6.621
217.4	-7.418	-4.248	-5.115	-6.386
217.7	-7.528	-4.37	-5.15	-6.162
217.9	-7.548	-4.494	-5.043	-5.957
218.1	-7.655	-4.652	-5.093	-5.744
218.3	-7.604	-4.754	-5.1	-5.808
218.6	-7.690	-4.777	-5.076	-5.816
218.8	-7.630	-5.016	-5.184	-5.876
219.0	-7.741	-5.163	-5.196	-5.929
219.2	-7.787	-5.21	-5.291	-5.979
219.5	-7.792	-5.268	-5.423	-6.058

199.7	-0.223	-0.455	-0.442	-2.25
199.9	-0.478	-0.452	-0.747	-2.265
200.1	-0.761	-0.402	-1.015	-2.519
200.3	-0.965	-0.389	-1.253	-2.503
200.6	-0.853	-0.462	-1.703	-2.371
200.8	-0.81	-0.588	-1.924	-2.204
201.0	-0.662	-0.509	-1.844	-2.074
201.2	-0.589	-0.37	-1.716	-2.114
201.5	-0.611	-0.336	-1.501	-2.059
201.7	-0.519	-0.42	-1.383	-2.137
201.9	-0.456	-0.458	-1.419	-2.212
202.1	-0.347	-0.615	-1.489	-2.273
202.4	-0.246	-0.693	-1.107	-2.425
202.6	-0.257	-0.593	-0.801	-2.589
202.8	-0.303	-0.543	-0.771	-2.722
203.0	-0.326	-0.423	-0.859	-2.94
203.3	-0.384	-0.389	-0.68	-3.182
203.5	-0.274	-0.437	-0.532	-3.424
203.7	-0.321	-0.478	-0.475	-3.669
203.9	-0.249	-0.359	-0.533	-3.71
204.2	-0.272	-0.22	-0.489	-3.52
204.4	-0.296	-0.11	-0.316	-3.376
204.6	-0.4	-0.044	-0.276	-3.197
204.8	-0.373	-0.091	-0.272	-2.929
205.1	-0.264	-0.11	-0.243	-2.682
205.3	-0.212	-0.07	0.012	-2.538
205.5	-0.137	0.011	0.145	-2.373
205.7	-0.142	0.077	0.157	-2.041
206.0	-0.182	0.171	0.237	-1.923
206.2	-0.198	0.177	0.355	-1.771
206.4	-0.055	0.166	0.433	-1.627
206.6	0.029	0.013	0.438	-1.545
206.9	0.148	0.069	0.454	-1.49
207.1	0.243	0.223	0.504	-1.486
207.3	0.226	0.305	0.493	-1.479
207.5	0.188	0.241	0.508	-1.587
207.8	0.24	0.216	0.556	-1.572
208.0	0.455	0.124	0.438	-1.696
208.2	0.708	-0.018	0.331	-1.7
208.4	0.704	0.083	0.425	-1.824
208.7	0.678	0.134	0.51	-1.895
208.9	0.656	0.141	0.456	-1.929
209.1	0.55	0.268	0.468	-1.948
209.3	0.565	0.188	0.624	-1.936
209.6	0.654	0.134	0.711	-1.987
209.8	0.701	0.185	0.715	-1.957
210.0	0.767	0.244	0.84	-1.702
210.2	0.774	0.267	1.115	-1.544
210.5	0.592	0.33	1.376	-1.504
210.7	0.429	0.273	1.545	-1.406
210.9	0.519	0.278	1.653	-1.138
211.1	0.709	0.291	1.78	-1.062
211.4	0.701	0.263	1.928	-1.016
211.6	0.634	0.328	2.025	-0.934
211.8	0.519	0.344	2.052	-0.788
212.0	0.35	0.394	2.099	-0.697
212.3	0.282	0.383	2.074	-0.584
212.5	0.31	0.247	2.098	-0.578
212.7	0.377	0.273	2.076	-0.456
212.9	0.433	0.284	2.116	-0.359
213.2	0.459	0.403	2.046	-0.229
213.4	0.459	0.392	2.033	-0.127
213.6	0.382	0.383	1.909	-0.052
213.8	0.393	0.391	2.01	0.021
214.1	0.494	0.296	2.116	0.123
214.3	0.594	0.367	2.093	0.237
214.5	0.568	0.343	1.914	0.348
214.7	0.51	0.411	1.516	0.51
215.0	0.456	0.38	1.278	0.628
215.2	0.404	0.369	1.265	0.75
215.4	0.535	0.28	0.971	0.826
215.6	0.626	0.313	0.904	0.856
215.9	0.714	0.334	0.924	0.929
216.1	0.722	0.375	0.696	1.025
216.3	0.592	0.43	0.294	1.004
216.5	0.493	0.424	-0.123	1.045
216.8	0.563	0.36	-0.158	1.074
217.0	0.65	0.327	-0.072	1.098
217.2	0.757	0.333	-0.106	1.064
217.4	0.748	0.422	-0.122	1.098
217.7	0.635	0.38	-0.129	1.019
217.9	0.49	0.341	-0.147	0.944
218.1	0.372	0.381	-0.172	0.789
218.3	0.537	0.295	-0.06	0.647
218.6	0.516	0.274	-0.024	0.74
218.8	0.459	0.296	0.025	0.684
219.0	0.447	0.27	-0.035	0.559
219.2	0.37	0.292	0.004	0.338
219.5	0.217	0.322	0.057	-0.036

199.7	-1.551	-0.277	-11.543	1.236
199.9	-1.599	-0.237	-11.9	1.281
200.1	-1.563	-0.172	-12.582	1.285
200.3	-1.616	-0.116	-13.488	1.362
200.6	-1.609	-0.089	-13.99	1.422
200.8	-1.638	-0.054	-14.32	1.459
201.0	-1.68	-0.145	-14.413	1.578
201.2	-1.747	-0.092	-14.181	1.596
201.5	-1.811	-0.084	-14.013	1.674
201.7	-1.898	-0.097	-13.018	1.732
201.9	-1.992	-0.076	-13.143	1.747
202.1	-2.054	-0.09	-12.174	1.772
202.4	-2.14	0.026	-11.226	1.798
202.6	-2.214	0.033	-10.83	1.827
202.8	-2.236	0.151	-10.291	1.759
203.0	-2.322	0.197	-9.802	1.789
203.3	-2.372	0.255	-8.676	1.755
203.5	-2.402	0.31	-8.251	1.726
203.7	-2.482	0.368	-8.044	1.69
203.9	-2.454	0.449	-7.478	1.65
204.2	-2.488	0.453	-6.821	1.643
204.4	-2.481	0.52	-6.43	1.568
204.6	-2.41	0.563	-5.962	1.529
204.8	-2.447	0.651	-5.294	1.532
205.1	-2.447	0.665	-4.849	1.493
205.3	-2.44	0.729	-4.327	1.468
205.5	-2.397	0.788	-3.896	1.475
205.7	-2.449	0.81	-3.572	1.507
206.0	-2.409	0.829	-3.138	1.47
206.2	-2.398	0.84	-2.867	1.52
206.4	-2.474	0.93	-2.605	1.533
206.6	-2.483	0.979	-2.343	1.549
206.9	-2.521	0.996	-2.22	1.54
207.1	-2.575	1.065	-2.007	1.639
207.3	-2.685	1.121	-1.747	1.648
207.5	-2.772	1.133	-1.691	1.629
207.8	-2.89	1.182	-1.544	1.671
208.0	-2.932	1.223	-1.543	1.6
208.2	-3.091	1.249	-1.53	1.657
208.4	-3.175	1.289	-1.566	1.641
208.7	-3.275	1.341	-1.687	1.559
208.9	-3.344	1.348	-1.826	1.519
209.1	-3.439	1.409	-1.944	1.534
209.3	-3.487	1.44	-2.146	1.466
209.6	-3.59	1.43	-2.376	1.404
209.8	-3.611	1.447	-2.651	1.385
210.0	-3.692	1.447	-2.888	1.298
210.2	-3.775	1.485	-3.128	1.209
210.5	-3.769	1.431	-3.3	1.149
210.7	-3.842	1.422	-3.479	1.069
210.9	-3.886	1.397	-3.586	1
211.1	-3.857	1.345	-3.661	0.982
211.4	-3.917	1.306	-3.733	0.961
211.6	-3.922	1.256	-3.729	0.887
211.8	-3.9	1.173	-3.755	0.848
212.0	-3.901	1.114	-3.733	0.817
212.3	-3.769	1.029	-3.684	0.725
212.5	-3.904	1.001	-3.521	0.75
212.7	-3.902	0.943	-3.379	0.65
212.9	-3.863	0.87	-3.155	0.64
213.2	-3.92	0.815	-3.013	0.616
213.4	-3.86	0.787	-2.883	0.562
213.6	-3.957	0.73	-2.627	0.526
213.8	-3.855	0.674	-2.504	0.511
214.1	-3.958	0.7	-2.34	0.509
214.3	-3.971	0.634	-2.117	0.467
214.5	-3.908	0.659	-2.005	0.503
214.7	-3.881	0.618	-1.785	0.448
215.0	-3.822	0.586	-1.648	0.358
215.2	-3.887	0.59	-1.483	0.32
215.4	-3.766	0.557	-1.286	0.259
215.6	-3.71	0.546	-1.142	0.184
215.9	-3.678	0.561	-0.984	0.15
216.1	-3.639	0.491	-0.888	0.059
216.3	-3.658	0.471	-0.734	-0.01
216.5	-3.671	0.419	-0.56	-0.062
216.8	-3.651	0.371	-0.368	-0.09
217.0	-3.61	0.375	-0.255	-0.138
217.2	-3.603	0.316	-0.098	-0.229
217.4	-3.578	0.254	0.036	-0.212
217.7	-3.6	0.183	0.18	-0.354
217.9	-3.585	0.132	0.286	-0.466
218.1	-3.687	0.066	0.436	-0.482
218.3	-3.65	0.068	0.538	-0.613
218.6	-3.756	-0.038	0.524	-0.658
218.8	-3.808	-0.131	0.599	-0.669
219.0	-3.872	-0.193	0.636	-0.846
219.2	-3.888	-0.248	0.598	-0.892
219.5	-3.971	-0.295	0.579	-0.922

219.7	-7.798	-5.41	-5.501	-6.061
219.9	-7.801	-5.482	-5.601	-6.357
220.1	-7.806	-5.54	-5.745	-6.412
220.4	-7.807	-5.59	-5.747	-6.564
220.6	-7.848	-5.62	-5.883	-6.606
220.8	-7.847	-5.684	-5.863	-6.747
221.0	-7.814	-5.704	-5.988	-6.789
221.3	-7.828	-5.798	-6.082	-6.765
221.5	-7.860	-5.804	-6.149	-6.87
221.7	-7.831	-5.82	-6.23	-6.835
221.9	-7.820	-5.846	-6.197	-6.788
222.2	-7.833	-5.911	-6.197	-6.992
222.4	-7.810	-5.962	-6.19	-6.961
222.6	-7.742	-5.842	-6.143	-6.811
222.8	-7.506	-5.972	-6.114	-6.809
223.1	-7.370	-6.02	-6.047	-6.893
223.3	-7.338	-6.142	-5.978	-6.833
223.5	-7.045	-6.138	-5.853	-6.775
223.7	-6.978	-6.137	-5.787	-6.678
224.0	-6.623	-6.104	-5.812	-6.657
224.2	-6.630	-6.004	-5.698	-6.625
224.4	-6.501	-5.99	-5.566	-6.542
224.6	-6.212	-6	-5.484	-6.349
224.9	-6.198	-5.997	-5.392	-6.365
225.1	-6.082	-5.931	-5.397	-6.232
225.3	-5.962	-5.903	-5.409	-6.074
225.5	-5.926	-5.899	-5.343	-5.965
225.8	-5.775	-5.929	-5.357	-5.72
226.0	-5.774	-5.934	-5.213	-5.68
226.2	-5.565	-5.891	-5.318	-5.463
226.4	-5.585	-5.828	-5.371	-5.404
226.7	-5.383	-5.817	-5.334	-5.327
226.9	-5.236	-5.676	-5.431	-5.253
227.1	-5.078	-5.623	-5.581	-5.148
227.3	-4.945	-5.512	-5.509	-5.192
227.6	-4.720	-5.286	-5.627	-5.12
227.8	-4.514	-5.134	-5.758	-5.143
228.0	-4.435	-4.99	-5.834	-5.224
228.2	-4.179	-4.789	-5.923	-5.178
228.5	-4.100	-4.594	-5.9	-5.114
228.7	-3.847	-4.422	-6.152	-5.188
228.9	-3.802	-4.287	-6.177	-4.862
229.1	-3.680	-4.206	-6.338	-5.089
229.4	-3.668	-4.104	-6.494	-5.024
229.6	-3.486	-3.958	-6.637	-5.013
229.8	-3.453	-3.907	-6.78	-4.956
230.0	-3.398	-3.785	-6.763	-4.964
230.3	-3.278	-3.656	-6.994	-5.017
230.5	-3.242	-3.538	-7.058	-5.096
230.7	-3.159	-3.398	-7.139	-5.183
230.9	-3.127	-3.276	-7.372	-5.317
231.2	-3.014	-3.123	-7.428	-5.404
231.4	-3.017	-2.914	-7.522	-5.438
231.6	-2.957	-2.758	-7.614	-5.603
231.8	-2.932	-2.59	-7.821	-5.694
232.1	-2.856	-2.422	-7.823	-5.813
232.3	-2.897	-2.335	-7.921	-5.849
232.5	-2.807	-2.196	-7.975	-5.877
232.7	-2.776	-2.041	-8.021	-5.903
233.0	-2.757	-2.018	-7.964	-6.002
233.2	-2.690	-1.986	-8.018	-6.05
233.4	-2.655	-1.942	-8.035	-6.093
233.6	-2.651	-1.938	-8.037	-6.089
233.9	-2.580	-1.938	-8.063	-6.137
234.1	-2.557	-1.947	-8.14	-6.312
234.3	-2.469	-1.933	-7.973	-6.417
234.5	-2.393	-1.949	-7.916	-6.399
234.8	-2.351	-1.913	-7.862	-6.437
235.0	-2.269	-1.923	-7.965	-6.276
235.2	-2.224	-1.881	-7.861	-6.343
235.4	-2.195	-1.933	-7.625	-6.151
235.7	-2.128	-1.916	-7.417	-6.134
235.9	-2.167	-1.875	-7.407	-5.928
236.1	-2.147	-1.831	-7.142	-5.777
236.3	-2.117	-1.96	-7.081	-5.682
236.6	-2.207	-1.878	-6.972	-5.697
236.8	-2.185	-2.044	-6.834	-5.616
237.0	-2.248	-2.068	-6.663	-5.609
237.2	-2.238	-2.163	-6.385	-5.556
237.5	-2.302	-2.194	-6.264	-5.57
237.7	-2.288	-2.346	-6.027	-5.627
237.9	-2.317	-2.369	-5.811	-5.685
238.1	-2.338	-2.465	-5.453	-5.605
238.4	-2.334	-2.532	-5.4	-5.584
238.6	-2.321	-2.653	-5.109	-5.551
238.8	-2.261	-2.753	-4.938	-5.462
239.0	-2.220	-2.745	-4.762	-5.416
239.3	-2.172	-2.824	-4.67	-5.192
239.5	-2.125	-2.917	-4.563	-5.067

219.7	0.287	0.245	0.179	-0.174
219.9	0.275	0.144	0.393	-0.311
220.1	0.361	0.169	0.536	-0.429
220.4	0.373	0.135	0.546	-0.578
220.6	0.407	0.147	0.595	-0.874
220.8	0.297	0.067	0.616	-1.046
221.0	0.267	0.027	0.641	-1.236
221.3	0.345	0.034	0.663	-1.553
221.5	0.367	-0.082	0.721	-1.368
221.7	0.337	-0.006	0.698	-1.4
221.9	0.37	-0.032	0.685	-1.646
222.2	0.353	-0.022	0.563	-1.914
222.4	0.231	-0.038	0.46	-2.622
222.6	0.296	-0.09	0.424	-2.604
222.8	0.326	-0.102	0.421	-2.498
223.1	0.301	-0.158	0.368	-2.703
223.3	0.348	-0.128	0.27	-3.038
223.5	0.31	-0.097	0.172	-3.086
223.7	0.24	-0.143	0.078	-3.905
224.0	0.229	-0.126	0.025	-4.048
224.2	0.27	-0.086	0.053	-4.073
224.4	0.271	-0.149	0.077	-4.5
224.6	0.251	-0.096	0.098	-4.551
224.9	0.159	-0.031	0.083	-4.65
225.1	0.154	-0.006	0.061	-4.939
225.3	0.02	-0.03	0.511	-5.098
225.5	-0.02	0.048	0.753	-5.268
225.8	-0.017	-0.031	0.731	-5.245
226.0	0.013	-0.031	0.691	-5.181
226.2	0.06	0.027	0.883	-4.976
226.4	-0.051	0.021	1.237	-4.608
226.7	-0.06	0.04	1.796	-4.687
226.9	-0.055	0.065	1.83	-4.22
227.1	-0.034	0.052	1.747	-3.751
227.3	-0.083	0.019	1.857	-3.683
227.6	-0.07	0.005	1.984	-3.614
227.8	-0.057	0.033	2.134	-3.501
228.0	-0.03	0.077	2.333	-3.009
228.2	-0.029	0.016	2.387	-2.745
228.5	-0.092	-0.007	2.358	-2.757
228.7	-0.013	-0.059	2.407	-2.946
228.9	-0.007	-0.108	2.426	-2.627
229.1	0.015	-0.125	2.557	-2.504
229.4	-0.003	-0.171	2.548	-2.083
229.6	-0.015	-0.247	2.571	-1.798
229.8	-0.08	-0.261	2.554	-1.821
230.0	-0.047	-0.348	2.539	-1.78
230.3	-0.051	-0.412	2.468	-1.612
230.5	-0.101	-0.533	2.432	-1.382
230.7	-0.122	-0.597	2.351	-1.175
230.9	-0.164	-0.652	2.314	-1.048
231.2	-0.165	-0.649	2.208	-0.981
231.4	-0.32	-0.757	2.117	-0.797
231.6	-0.395	-0.804	1.999	-0.702
231.8	-0.409	-0.887	1.881	-0.514
232.1	-0.443	-0.894	1.733	-0.285
232.3	-0.552	-0.935	1.658	-0.128
232.5	-0.605	-1.029	1.486	-0.081
232.7	-0.652	-1.03	1.4	0.071
233.0	-0.672	-0.92	1.381	0.221
233.2	-0.738	-1.047	1.179	0.263
233.4	-0.749	-1.078	1.089	0.301
233.6	-0.816	-1.041	0.996	0.305
233.9	-0.869	-0.991	0.903	0.36
234.1	-0.945	-0.97	0.836	0.333
234.3	-0.983	-1.001	0.879	0.253
234.5	-1.013	-0.982	0.875	0.193
234.8	-1.062	-0.945	0.832	0.2
235.0	-1.065	-0.966	0.712	0.097
235.2	-1.113	-0.938	0.779	0.03
235.4	-1.107	-0.934	0.826	-0.028
235.7	-1.071	-0.912	0.759	-0.028
235.9	-1.078	-0.886	0.801	-0.1
236.1	-1.119	-0.81	0.783	-0.248
236.3	-1.116	-0.856	0.677	-0.313
236.6	-1.183	-0.89	0.735	-0.332
236.8	-1.132	-0.887	0.778	-0.323
237.0	-1.129	-0.932	0.771	-0.415
237.2	-1.195	-0.929	0.921	-0.476
237.5	-1.215	-0.883	0.901	-0.57
237.7	-1.25	-0.981	0.911	-0.699
237.9	-1.221	-1.078	1.038	-0.714
238.1	-1.267	-1.048	1.057	-0.852
238.4	-1.267	-1.054	1.142	-0.969
238.6	-1.246	-1.186	1.2	-1.08
238.8	-1.285	-1.143	1.205	-1.216
239.0	-1.202	-1.203	1.248	-1.398
239.3	-1.182	-1.309	1.245	-1.468
239.5	-1.207	-1.464	1.308	-1.695

219.7	-4.071	-0.377	0.562	-1.015
219.9	-4.217	-0.423	0.487	-1.056
220.1	-4.207	-0.508	0.469	-1.099
220.4	-4.089	-0.58	0.305	-1.32
220.6	-3.928	-0.612	0.219	-1.378
220.8	-3.874	-0.702	0.004	-1.541
221.0	-3.74	-0.766	-0.222	-1.634
221.3	-3.571	-0.824	-0.304	-1.784
221.5	-3.528	-0.851	-0.597	-1.742
221.7	-3.368	-0.937	-0.866	-1.605
221.9	-3.245	-0.954	-1.129	-1.462
222.2	-3.167	-1.084	-1.544	-1.341
222.4	-3.04	-1.136	-1.803	-1.187
222.6	-2.957	-1.169	-2.184	-1.088
222.8	-2.907	-1.207	-2.503	-0.937
223.1	-2.782	-1.273	-2.854	-0.833
223.3	-2.804	-1.35	-3.13	-0.711
223.5	-2.671	-1.364	-3.323	-0.55
223.7	-2.716	-1.498	-3.621	-0.489
224.0	-2.679	-1.542	-3.871	-0.36
224.2	-2.742	-1.66	-4.019	-0.317
224.4	-2.744	-1.665	-4.381	-0.178
224.6	-2.719	-1.8	-4.663	-0.152
224.9	-2.779	-1.948	-4.869	-0.06
225.1	-2.743	-2.054	-5.27	-0.023
225.3	-2.679	-2.111	-5.409	-0.008
225.5	-2.735	-2.266	-5.957	0.024
225.8	-2.713	-2.435	-6.482	0.041
226.0	-2.674	-2.558	-6.929	0.071
226.2	-2.621	-2.698	-7.655	0.147
226.4	-2.544	-2.875	-8.234	0.235
226.7	-2.582	-2.918	-8.944	0.26
226.9	-2.513	-2.906	-9.529	0.309
227.1	-2.513	-2.887	-9.335	0.351
227.3	-2.485	-2.955	-9.109	0.534
227.6	-2.48	-2.902	-8.953	0.592
227.8	-2.474	-2.927	-8.857	0.719
228.0	-2.455	-2.95	-8.735	0.768
228.2	-2.514	-2.93	-8.612	0.741
228.5	-2.515	-2.923	-8.721	0.881
228.7	-2.538	-2.933	-8.709	0.851
228.9	-2.516	-2.867	-8.695	0.902
229.1	-2.499	-2.909	-8.643	0.853
229.4	-2.471	-2.875	-8.694	0.883
229.6	-2.467	-2.89	-8.913	0.869
229.8	-2.48	-2.783	-8.949	0.925
230.0	-2.407	-2.879	-9.091	0.91

239.7	-2.097	-2.906	-4.434	-5.097
239.9	-2.020	-3.008	-4.449	-4.951
240.1	-2.005	-3.035	-4.438	-4.934
240.4	-1.981	-3.114	-4.455	-4.885
240.6	-1.951	-3.142	-4.51	-4.712
240.8	-1.952	-3.139	-4.637	-4.687
241.0	-1.971	-3.291	-4.762	-4.565
241.3	-2.014	-3.363	-4.809	-4.424
241.5	-2.018	-3.438	-5.011	-4.274
241.7	-2.012	-3.472	-5.077	-4.229
241.9	-2.065	-3.548	-5.354	-3.989
242.2	-2.148	-3.631	-5.486	-3.828
242.4	-2.191	-3.771	-5.615	-3.689
242.6	-2.226	-3.89	-5.717	-3.504
242.8	-2.330	-3.94	-5.885	-3.298
243.1	-2.355	-3.965	-5.947	-3.162
243.3	-2.379	-4.012	-6.036	-3.079
243.5	-2.458	-4.018	-6.097	-2.981
243.7	-2.457	-3.916	-6.243	-2.896
244.0	-2.507	-3.962	-6.389	-2.836
244.2	-2.560	-3.982	-6.422	-2.802
244.4	-2.571	-3.944	-6.557	-2.814
244.6	-2.616	-3.984	-6.728	-2.755
244.9	-2.687	-4.04	-6.887	-2.681
245.1	-2.710	-3.99	-7.185	-2.615
245.3	-2.719	-4.037	-7.351	-2.619
245.5	-2.791	-4.084	-7.577	-2.516
245.8	-2.915	-4.182	-7.809	-2.411
246.0	-2.931	-4.21	-8.084	-2.341
246.2	-3.030	-4.356	-8.252	-2.148
246.4	-3.101	-4.514	-8.724	-2.078
246.7	-3.206	-4.639	-9.048	-1.896
246.9	-3.232	-4.788	-8.73	-1.738
247.1	-3.350	-4.943	-8.332	-1.588
247.3	-3.425	-5.121	-7.956	-1.515
247.6	-3.491	-5.252	-7.807	-1.305
247.8	-3.549	-5.345	-7.641	-1.266
248.0	-3.620	-5.522	-7.5	-1.175
248.2	-3.655	-5.662	-7.297	-1.108
248.5	-3.719	-5.629	-7.364	-1.073
248.7	-3.788	-5.637	-7.394	-1.005
248.9	-3.841	-5.69	-7.519	-0.985
249.1	-3.902	-5.769	-7.586	-0.983
249.4	-3.948	-5.778	-7.658	-0.997
249.6	-3.994	-5.731	-7.883	-0.991
249.8	-4.097	-5.643	-8.121	-0.97
250.0	-4.093	-5.642	-8.434	-0.963
250.3	-4.097	-5.612	-8.606	-0.883
250.5	-4.303	-5.571	-8.75	-0.954
250.7	-4.365	-5.519	-8.909	-0.932
250.9	-4.530	-5.55	-9.07	-0.951
251.2	-4.597	-5.283	-9.171	-0.861
251.4	-4.740	-5.465	-9.033	-0.839
251.6	-4.803	-5.437	-8.933	-0.803
251.8	-4.961	-5.426	-8.895	-0.744
252.1	-5.071	-5.432	-8.802	-0.592
252.3	-5.263	-5.464	-8.599	-0.569
252.5	-5.324	-5.477	-8.45	-0.48
252.7	-5.486	-5.64	-8.309	-0.378
253.0	-5.575	-5.71	-8.183	-0.298
253.2	-5.759	-5.779	-8.131	-0.22
253.4	-5.726	-5.795	-7.911	-0.119
253.6	-5.993	-5.871	-8.003	-0.014
253.9	-6.021	-6.002	-8.075	0.005
254.1	-6.255	-6.11	-8.107	0.068
254.3	-6.359	-6.045	-8.202	0.163
254.5	-6.510	-6.245	-8.329	0.238
254.8	-6.656	-6.228	-8.515	0.298
255.0	-6.755	-6.273	-8.59	0.393
255.2	-6.822	-6.26	-8.7	0.426
255.4	-6.821	-6.341	-8.559	0.502
255.7	-7.008	-6.208	-8.86	0.528
255.9	-7.055	-6.297	-8.821	0.574
256.1	-7.119	-6.28	-8.802	0.616
256.3	-7.096	-6.252	-8.674	0.689
256.6	-7.152	-6.175	-8.741	0.727
256.8	-7.234	-6.155	-8.616	0.763
257.0	-7.195	-6.086	-8.774	0.783
257.2	-7.292	-6.033	-8.686	0.837
257.5	-7.252	-5.906	-8.697	0.879
257.7	-7.301	-5.902	-8.506	0.964
257.9	-7.351	-5.793	-8.418	0.958
258.1	-7.366	-5.781	-8.151	0.98
258.4	-7.426	-5.598	-8.259	0.982
258.6	-7.551	-5.559	-8.026	1.038
258.8	-7.641	-5.485	-8.049	1.024
259.0	-7.705	-5.436	-7.808	1.006
259.3	-7.602	-5.311	-7.958	1
259.5	-7.847	-5.214	-7.907	0.964

239.7	-1.161	-1.446	1.331	-1.741
239.9	-1.154	-1.45	1.418	-1.893
240.1	-1.141	-1.536	1.394	-2.02
240.4	-1.124	-1.63	1.425	-2.136
240.6	-1.101	-1.664	1.399	-2.259
240.8	-1.123	-1.664	1.365	-2.311
241.0	-1.107	-1.705	1.357	-2.424
241.3	-1.038	-1.783	1.343	-2.539
241.5	-0.955	-1.697	1.356	-2.572
241.7	-0.952	-1.701	1.337	-2.766
241.9	-0.873	-1.724	1.326	-2.926
242.2	-0.81	-1.716	1.326	-3.045
242.4	-0.719	-1.819	1.273	-3.122
242.6	-0.622	-1.8	1.24	-3.244
242.8	-0.616	-1.84	1.184	-3.429
243.1	-0.514	-1.826	1.159	-3.496
243.3	-0.469	-1.909	1.133	-3.722
243.5	-0.446	-1.982	1.051	-3.78
243.7	-0.42	-2.06	0.982	-3.981
244.0	-0.416	-2.132	0.959	-4.103
244.2	-0.35	-2.179	0.867	-4.271
244.4	-0.335	-2.27	0.848	-4.41
244.6	-0.326	-2.289	0.803	-4.651
244.9	-0.32	-2.291	0.752	-4.861
245.1	-0.331	-2.367	0.756	-5.048
245.3	-0.323	-2.44	0.699	-5.181
245.5	-0.343	-2.415	0.696	-5.448
245.8	-0.355	-2.454	0.663	-5.58
246.0	-0.312	-2.448	0.657	-5.721
246.2	-0.32	-2.462	0.63	-5.872
246.4	-0.276	-2.489	0.579	-5.877
246.7	-0.282	-2.387	0.597	-5.965
246.9	-0.264	-2.446	0.607	-6.01
247.1	-0.317	-2.465	0.585	-5.933
247.3	-0.314	-2.416	0.55	-5.879
247.6	-0.282	-2.398	0.571	-5.824
247.8	-0.314	-2.371	0.605	-5.832
248.0	-0.312	-2.349	0.632	-5.805
248.2	-0.325	-2.297	0.595	-5.825
248.5	-0.367	-2.261	0.637	-5.663
248.7	-0.407	-2.273	0.665	-5.658
248.9	-0.427	-2.247	0.687	-5.806
249.1	-0.434	-2.245	0.676	-5.791
249.4	-0.417	-2.292	0.699	-5.874
249.6	-0.442	-2.321	0.674	-5.933
249.8	-0.481	-2.384	0.681	-6.004
250.0	-0.454	-2.365	0.695	-6.152
250.3	-0.474	-2.411	0.7	-6.238
250.5	-0.503	-2.473	0.688	-6.38
250.7	-0.55	-2.548	0.741	-6.423
250.9	-0.572	-2.606	0.742	-6.403
251.2	-0.569	-2.654	0.735	-6.516
251.4	-0.541	-2.737	0.706	-6.506
251.6	-0.569	-2.813	0.735	-6.62
251.8	-0.583	-2.854	0.783	-6.562
252.1	-0.636	-2.837	0.738	-6.598
252.3	-0.639	-2.953	0.732	-6.586
252.5	-0.67	-3.005	0.725	-6.409
252.7	-0.662	-3.065	0.731	-6.283
253.0	-0.619	-3.045	0.754	-6.2
253.2	-0.647	-3.136	0.76	-6.285
253.4	-0.602	-3.023	0.743	-6.232
253.6	-0.654	-3.092	0.743	-6.171
253.9	-0.678	-3.096	0.821	-6.232
254.1	-0.66	-3.067	0.76	-6.213
254.3	-0.66	-3.108	0.742	-6.161
254.5	-0.597	-3.025	0.717	-6.036
254.8	-0.592	-3	0.684	-6.218
255.0	-0.664	-2.889	0.684	-6.317
255.2	-0.63	-2.993	0.671	-6.493
255.4	-0.695	-2.991	0.675	-6.569
255.7	-0.695	-2.905	0.659	-6.629
255.9	-0.722	-2.922	0.666	-6.681
256.1	-0.693	-2.894	0.677	-6.899
256.3	-0.739	-2.816	0.693	-7.136
256.6	-0.691	-2.801	0.688	-7.232
256.8	-0.719	-2.728	0.671	-7.382
257.0	-0.711	-2.817	0.666	-7.391
257.2	-0.762	-2.889	0.71	-7.618
257.5	-0.822	-2.91	0.757	-7.771
257.7	-0.833	-2.856	0.705	-7.847
257.9	-0.856	-2.827	0.692	-7.933
258.1	-0.908	-2.975	0.727	-7.884
258.4	-0.931	-2.994	0.699	-7.785
258.6	-0.948	-2.985	0.704	-7.802
258.8	-0.92	-3.015	0.722	-7.976
259.0	-0.931	-3.139	0.718	-7.806
259.3	-0.93	-3.181	0.724	-7.915
259.5	-0.901	-3.247	0.722	-7.845

239.7	-3.619	-2.541	0.685	1.565
239.9	-3.614	-2.557	0.627	1.582
240.1	-3.54	-2.631	0.643	1.581
240.4	-3.547	-2.618	0.649	1.509
240.6	-3.583	-2.646	0.676	1.511
240.8	-3.534	-2.731	0.735	1.525
241.0	-3.558	-2.701	0.846	1.543
241.3	-3.539	-2.759	0.89	1.544
241.5	-3.581	-2.849	0.973	1.575
241.7	-3.63	-2.895	1.052	1.576
241.9	-3.598	-2.938	1.156	1.61
242.2	-3.686	-2.952	1.302	1.604
242.4	-3.699	-2.986	1.31	1.632
242.6	-3.719	-2.979	1.395	1.605
242.8	-3.76	-2.97	1.45	1.592
243.1	-3.777	-2.967	1.475	1.632
243.3	-3.785	-2.983	1.484	1.59
243.5	-3.66	-2.942	1.447	1.598
243.7	-3.73	-2.911	1.404	1.61
244.0	-3.68	-2.871	1.337	1.59
244.2	-3.6	-2.885	1.29	1.673
244.4	-3.525	-2.915	1.12	1.655
244.6	-3.409	-2.884	1.039	1.668
244.9	-3.361	-2.879	0.89	1.677
245.1	-3.281	-2.87	0.796	1.735
245.3	-3.175	-2.914	0.706	1.684
245.5	-3.035	-2.925	0.57	1.682
245.8	-2.962	-2.983	0.529	1.692
246.0	-2.934	-3.01	0.459	1.721
246.2	-2.84	-2.988	0.466	1.687
246.4	-2.803	-3.065	0.456	1.64
246.7	-2.839	-3.075	0.505	1.61
246.9	-2.797	-3.073	0.552	1.622
247.1	-2.776	-3.159	0.617	1.532
247.3	-2.818	-3.17	0.607	1.427
247.6	-2.793	-3.104	0.66	1.41
247.8	-2.802	-3.182	0.744	1.382
248.0	-2.793	-3.211	0.688	1.335
248.2	-2.849	-3.215	0.742	1.285
248.5	-2.817	-3.194	0.728	1.246
248.7	-2.841	-3.226	0.71	1.199
248.9	-2.873	-3.188	0.7	1.257
249.1	-2.918	-3.221	0.606	1.192
249.4	-2.957	-3.269	0.548	1.221
249.6	-3.009	-3.277	0.514	1.249
249.8	-3.007	-3.31	0.447	1.269
250.0	-3.036	-3.3	0.397	1.264
250.3	-3.066	-3.285	0.314	1.349
250.5	-3.078	-3.164	0.259	1.358
250.7	-3.112	-3.295	0.248	1.376
250.9	-3.132	-3.278	0.23	1.409
251.2	-3.153	-3.255	0.247	1.469
251.4	-3.222	-3.312	0.168	1.452
251.6	-3.284	-3.327	0.192	1.404
251.8	-3.284	-3.388	0.174	1.393
252.1	-3.314	-3.408	0.138	1.38
252.3	-3.387	-3.452	0.233	1.378
252.5	-3.447	-3.46	0.086	1.355
252.7	-3.52	-3.566	0.083	1.366
253.0	-3.545	-3.594	0.068	1.274
253.2	-3.609	-3.538	0.023	1.241
253.4	-3.699	-3.675	-0.058	1.193
253.6	-3.772	-3.66	-0.134	1.158
253.9	-3.836	-3.674	-0.219	1.158
254.1	-3.845	-3.752	-0.243	1.113
254.3	-4.003	-3.767	-0.368	1.081
254.5	-4.04	-3.761	-0.542	1.075
254.8	-4.121	-3.75	-0.643	1.075
255.0	-4.146	-3.746	-0.749	1.097
255.2	-4.163	-3.735	-0.789	1.089
255.4	-4.252	-3.708	-0.934	1.04
255.7	-4.208	-3.699	-1.009	1.072
255.9	-4.267	-3.708	-1.014	1.111
256.1	-4.285	-3.699	-1.064	1.088
256.3	-4.282	-3.674	-1.137	1.114
256.6	-4.317	-3.638	-1.142	1.179
256.8	-4.3	-3.587	-1.2	1.162
257.0	-4.322	-3.491	-1.181	1.222
257.2	-4.335	-3.622	-1.178	1.133
257.5	-4.333	-3.574	-1.19	1.115
257.7	-4.414	-3.607	-1.231	1.132
257.9	-4.436	-3.675	-1.235	1.154
258.1	-4.473	-3.68	-1.247	1.149
258.4	-4.526	-3.656	-1.317	1.093
258.6	-4.576	-3.744	-1.378	1.105
258.8	-4.645	-3.782	-1.479	1.071
259.0	-4.728	-3.721	-1.572	1.103
259.3	-4.744	-3.786	-1.672	1.094
259.5	-4.77	-3.796	-1.812	1.061

259.7	-7.883	-5.125	-7.745	0.972
259.9	-7.944	-5.088	-7.825	0.99
260.2	-7.939	-5.057	-7.954	0.934
260.4	-7.843	-4.999	-7.905	0.928
260.6	-7.993	-4.857	-7.894	0.962
260.8	-7.984	-4.9	-7.978	0.941
261.1	-7.923	-4.915	-7.993	0.969
261.3	-7.997	-4.964	-7.833	1.033
261.5	-7.950	-4.863	-7.791	1.004
261.7	-8.033	-4.933	-7.637	1.027
262.0	-8.053	-4.894	-7.456	1.058
262.2	-8.077	-4.891	-7.183	1.057
262.4	-8.104	-4.847	-7.004	1.06
262.6	-8.100	-4.846	-6.67	1.038
262.9	-8.238	-4.772	-6.505	1.023
263.1	-8.261	-4.786	-6.363	1.006
263.3	-8.368	-4.768	-6.284	1.002
263.5	-8.283	-4.757	-6.036	1.014
263.8	-8.513	-4.746	-5.979	1.003
264.0	-8.552	-4.78	-5.759	0.958
264.2	-8.615	-4.78	-5.638	1.005
264.4	-8.712	-4.811	-5.562	0.95
264.7	-8.639	-4.798	-5.393	0.931
264.9	-8.740	-4.771	-5.229	0.933
265.1	-8.856	-4.694	-5.326	0.935
265.3	-8.817	-4.736	-5.302	0.973
265.6	-8.728	-4.72	-5.211	0.867
265.8	-8.939	-4.766	-5.166	0.888
266.0	-9.022	-4.788	-5.115	0.898
266.2	-9.045	-4.727	-4.991	0.847
266.5	-9.057	-4.793	-4.885	0.879
266.7	-9.157	-4.811	-4.813	0.901
266.9	-9.098	-4.854	-4.73	0.84
267.1	-9.123	-4.837	-4.662	0.872
267.4	-9.287	-4.8	-4.528	0.911
267.6	-9.299	-4.944	-4.483	0.911
267.8	-9.324	-4.993	-4.364	0.914
268.0	-9.364	-5.002	-4.214	0.917
268.3	-9.448	-5.049	-4.106	0.936
268.5	-9.528	-5.064	-3.965	0.941
268.7	-9.467	-5.086	-3.899	0.961
268.9	-9.492	-5.109	-3.718	0.982
269.2	-9.441	-5.075	-3.665	0.981
269.4	-9.410	-5.155	-3.595	0.949
269.6	-9.227	-5.1	-3.576	1.006
269.8	-9.229	-5.099	-3.427	0.988
270.1	-9.150	-5.105	-3.368	0.916
270.3	-9.139	-5.073	-3.258	0.88
270.5	-9.070	-5.149	-3.285	0.861
270.7	-8.947	-5.199	-3.244	0.783
271.0	-8.951	-5.175	-3.266	0.769
271.2	-8.883	-5.222	-3.252	0.668
271.4	-8.742	-5.222	-3.28	0.643
271.6	-8.758	-5.229	-3.344	0.646
271.9	-8.549	-5.28	-3.345	0.603
272.1	-8.577	-5.388	-3.423	0.59
272.3	-8.372	-5.424	-3.54	0.548
272.5	-8.286	-5.432	-3.695	0.471
272.8	-8.067	-5.522	-3.74	0.488
273.0	-7.965	-5.6	-3.956	0.417
273.2	-7.917	-5.653	-4.126	0.389
273.4	-7.845	-5.654	-4.206	0.336
273.7	-7.783	-5.739	-4.381	0.329
273.9	-7.733	-5.915	-4.713	0.293
274.1	-7.684	-5.99	-4.824	0.251
274.3	-7.679	-5.976	-5.115	0.221
274.6	-7.661	-6.244	-5.362	0.264
274.8	-7.645	-6.362	-5.54	0.235
275.0	-7.731	-6.435	-5.669	0.249
275.2	-7.732	-6.597	-5.731	0.232
275.5	-7.749	-6.721	-5.999	0.219
275.7	-7.822	-6.807	-6.096	0.282
275.9	-7.817	-6.964	-6.219	0.24
276.1	-7.919	-6.997	-6.238	0.282
276.4	-7.965	-7.208	-6.216	0.342
276.6	-8.064	-7.259	-6.196	0.297
276.8	-8.133	-7.403	-6.356	0.311
277.0	-8.105	-7.488	-6.328	0.329
277.3	-8.174	-7.598	-6.357	0.329
277.5	-8.278	-7.772	-6.327	0.335
277.7	-8.287	-7.618	-6.333	0.325
277.9	-8.352	-7.667	-6.332	0.326
278.2	-8.417	-7.971	-6.211	0.316
278.4	-8.419	-8.024	-6.156	0.286
278.6	-8.488	-8.052	-6.101	0.282
278.8	-8.425	-8.042	-6.194	0.295
279.1	-8.342	-8.041	-6.266	0.247
279.3	-8.380	-8.107	-6.383	0.253
279.5	-8.365	-8.051	-6.411	0.218

259.7	-0.9	-3.266	0.729	-7.789
259.9	-0.852	-3.273	0.693	-7.854
260.2	-0.877	-3.305	0.698	-7.751
260.4	-0.834	-3.38	0.716	-7.709
260.6	-0.839	-3.347	0.698	-7.851
260.8	-0.766	-3.181	0.67	-7.812
261.1	-0.754	-3.347	0.657	-7.819
261.3	-0.736	-3.355	0.647	-7.958
261.5	-0.726	-3.244	0.619	-7.942
261.7	-0.735	-3.289	0.618	-7.917
262.0	-0.73	-3.258	0.644	-7.988
262.2	-0.747	-3.161	0.561	-8.205
262.4	-0.744	-3.14	0.55	-8.159
262.6	-0.783	-3.173	0.517	-8.305
262.9	-0.8	-3.06	0.529	-8.322
263.1	-0.813	-3.134	0.538	-8.536
263.3	-0.764	-3.11	0.568	-8.476
263.5	-0.821	-3.172	0.534	-8.483
263.8	-0.866	-3.111	0.536	-8.518
264.0	-0.889	-3.142	0.52	-8.489
264.2	-0.929	-3.189	0.557	-8.378
264.4	-0.924	-3.143	0.584	-8.298
264.7	-0.966	-3.179	0.549	-8.297
264.9	-0.989	-3.239	0.551	-8.198
265.1	-0.941	-3.222	0.586	-8.053
265.3	-0.905	-3.253	0.546	-7.935
265.6	-0.885	-3.269	0.531	-7.937
265.8	-0.935	-3.331	0.484	-7.849
266.0	-0.97	-3.341	0.501	-7.688
266.2	-0.984	-3.403	0.494	-7.631
266.5	-1.049	-3.355	0.485	-7.611
266.7	-1.101	-3.296	0.417	-7.351
266.9	-1.116	-3.241	0.359	-7.328
267.1	-1.068	-3.302	0.378	-7.203
267.4	-1.129	-3.218	0.339	-7.102
267.6	-1.186	-3.218	0.317	-6.918
267.8	-1.187	-3.123	0.23	-6.956
268.0	-1.155	-3.069	0.239	-6.896
268.3	-1.091	-2.94	0.238	-6.675
268.5	-1.096	-2.999	0.232	-6.741
268.7	-1.09	-3.027	0.203	-6.631
268.9	-1.105	-2.934	0.246	-6.546
269.2	-1.089	-2.767	0.355	-6.35
269.4	-1.203	-2.955	0.438	-6.355
269.6	-1.302	-2.773	0.483	-6.309
269.8	-1.373	-2.814	0.563	-6.254
270.1	-1.392	-2.85	0.602	-6.308
270.3	-1.39	-2.741	0.707	-6.213
270.5	-1.399	-2.758	0.735	-6.098
270.7	-1.495	-2.67	0.79	-6.166
271.0	-1.565	-2.617	0.813	-5.887
271.2	-1.529	-2.648	0.801	-5.885
271.4	-1.642	-2.625	0.813	-5.814
271.6	-1.665	-2.708	0.788	-5.777
271.9	-1.634	-2.465	0.835	-5.691
272.1	-1.722	-2.459	0.855	-5.681
272.3	-1.817	-2.629	0.887	-5.517
272.5	-1.852	-2.357	0.874	-5.572
272.8	-1.985	-2.327	0.869	-5.457
273.0	-1.939	-2.548	0.865	-5.453
273.2	-1.954	-2.315	0.852	-5.415
273.4	-1.98	-2.268	0.812	-5.201
273.7	-1.998	-2.446	0.768	-5.225
273.9	-2.044	-2.316	0.762	-5.345
274.1	-1.999	-2.276	0.7	-5.085
274.3	-2.036	-2.39	0.649	-5.075
274.6	-2.133	-2.331	0.591	-5.306
274.8	-2.106	-2.373	0.463	-5.038
275.0	-2.113	-2.296	0.455	-4.982
275.2	-2.047	-2.349	0.468	-5.028
275.5	-2.009	-2.358	0.332	-4.939
275.7	-1.96	-2.332	0.24	-4.909
275.9	-1.948	-2.401	0.258	-4.782
276.1	-1.775	-2.372	0.311	-4.674
276.4	-1.758	-2.37	0.336	-4.576
276.6	-1.74	-2.362	0.24	-4.393
276.8	-1.669	-2.349	0.264	-4.171
277.0	-1.556	-2.344	0.235	-4.135
277.3	-1.429	-2.3	0.137	-3.919
277.5	-1.407	-2.243	0.078	-3.705
277.7	-1.419	-2.35	-0.005	-3.5
277.9	-1.357	-2.118	-0.011	-3.442
278.2	-1.451	-2.104	-0.025	-3.191
278.4	-1.324	-2.204	-0.023	-3.151
278.6	-1.326	-1.934	-0.015	-2.985
278.8	-1.443	-2.03	-0.082	-2.824
279.1	-1.359	-2.044	-0.122	-2.765
279.3	-1.354	-1.902	-0.008	-2.707
279.5	-1.41	-1.825	-0.042	-2.594

259.7	-4.875	-3.806	-1.928	1.08
259.9	-4.909	-3.826	-2.054	1.063
260.2	-4.881	-3.802	-2.317	1.082
260.4	-5.05	-3.857	-2.531	1.097
260.6	-5.053	-3.875	-2.717	1.043
260.8	-5.147	-3.904	-2.992	0.996
261.1	-5.189	-3.857	-3.263	1.002
261.3	-5.254	-3.95	-3.492	0.991
261.5	-5.422	-3.896	-3.829	0.872
261.7	-5.418	-3.94	-4.089	0.84
262.0	-5.577	-3.86	-4.372	0.803
262.2	-5.621	-3.842	-4.64	0.773
262.4	-5.699	-3.901	-4.965	0.686
262.6	-5.779	-3.807	-5.185	0.662
262.9	-5.832	-3.831	-5.539	0.637
263.1	-5.858	-3.805	-5.897	0.581
263.3	-5.948	-3.857	-6.069	0.521
263.5	-5.987	-3.872	-6.462	0.442
263.8	-6.032	-3.846	-6.653	0.39
264.0	-6.093	-3.893	-6.924	0.317
264.2	-6.198	-3.901	-7.125	0.262
264.4	-6.312	-3.923	-7.44	0.21
264.7	-6.295	-3.995	-7.616	0.097
264.9	-6.416	-3.922	-8.121	0.084
265.1	-6.401	-4.037	-8.407	0.041
265.3	-6.408	-4.172	-8.708	-0.049
265.6	-6.589	-4.29	-8.949	-0.076
265.8	-6.559	-4.364	-9.266	-0.134
266.0	-6.629	-4.436	-9.453	-0.115
266.2	-6.642	-4.456	-9.564	-0.185
266.5	-6.627	-4.555	-9.519	-0.206
266.7	-6.639	-4.615	-9.635	-0.201
266.9	-6.601	-4.653	-9.567	-0.213
267.1	-6.603	-4.723	-9.629	-0.347
267.4	-6.531	-4.729	-9.41	-0.322
267.6	-6.571	-4.867	-9.394	-0.353
267.8	-6.569	-4.852	-9.17	-0.348
268.0	-6.454	-5.027	-9.008	-0.404
268.3	-6.428	-5.092	-8.874	-0.374
268.5	-6.373	-5.145	-8.57	-0.356
268.7	-6.439	-5.206	-8.4	-0.344
268.9	-6.321	-5.289	-8.212	-0.346
269.2	-6.389	-5.278	-7.975	-0.292
269.4	-6.35	-5.328	-7.717	-0.404
269.6	-6.285	-5.321	-7.54	-0.404
269.8	-6.287	-5.385	-7.315	-0.39
270.1	-6.281	-5.382	-7.072	-

279.7	-8.353	-8.055	-6.62	0.269
280.0	-8.286	-8.004	-6.898	0.2
280.2	-8.267	-7.913	-7.107	0.186
280.4	-8.169	-7.839	-7.354	0.187
280.6	-8.240	-7.913	-7.539	0.168
280.8	-8.134	-7.878	-7.974	0.07
281.1	-8.234	-7.827	-8.47	0.066
281.3	-8.077	-7.738	-8.795	-0.04
281.5	-8.139	-7.625	-9.421	-0.101
281.7	-8.036	-7.638	-9.952	-0.176
282.0	-8.062	-7.569	-10.738	-0.193
282.2	-8.019	-7.438	-10.684	-0.223
282.4	-7.984	-7.513	-10.871	-0.282
282.6	-7.884	-7.5	-11.034	-0.403
282.9	-8.031	-7.547	-10.724	-0.451
283.1	-7.939	-7.368	-10.91	-0.497
283.3	-7.982	-7.479	-10.902	-0.568
283.5	-7.950	-7.603	-10.968	-0.68
283.8	-7.789	-7.607	-11.092	-0.703
284.0	-7.856	-7.763	-11.357	-0.771
284.2	-7.726	-7.771	-11.438	-0.844
284.4	-7.720	-7.816	-11.624	-0.935
284.7	-7.686	-7.869	-11.43	-1.005
284.9	-7.617	-7.769	-11.818	-1.065
285.1	-7.605	-7.741	-11.845	-1.146
285.3	-7.505	-7.768	-11.942	-1.158
285.6	-7.551	-7.616	-11.703	-1.306
285.8	-7.448	-7.449	-11.955	-1.356
286.0	-7.385	-7.284	-11.6	-1.442
286.2	-7.387	-7.239	-11.682	-1.577
286.5	-7.410	-7.113	-11.518	-1.66
286.7	-7.320	-6.968	-11.676	-1.723
286.9	-7.260	-6.69	-11.581	-1.897
287.1	-7.237	-6.578	-11.709	-2
287.4	-7.272	-6.599	-11.714	-2.177
287.6	-7.216	-6.446	-11.689	-2.278
287.8	-7.211	-6.28	-11.709	-2.37
288.0	-7.218	-6.086	-11.872	-2.476
288.3	-7.168	-6.115	-11.669	-2.564
288.5	-7.204	-6.064	-11.322	-2.602
288.7	-7.185	-6.009	-10.765	-2.654
288.9	-7.140	-5.945	-10.2	-2.762
289.2	-7.124	-5.873	-9.854	-2.732
289.4	-7.105	-5.967	-9.345	-2.798
289.6	-6.935	-5.985	-8.815	-2.837
289.8	-7.003	-5.964	-8.434	-2.828
290.1	-6.807	-6.177	-8.035	-2.804
290.3	-6.843	-6.201	-7.717	-2.837
290.5	-6.826	-6.259	-7.289	-2.828
290.7	-6.861	-6.341	-7.073	-2.755
291.0	-6.866	-6.413	-6.798	-2.725
291.2	-6.915	-6.603	-6.697	-2.806
291.4	-6.996	-6.668	-6.523	-2.868
291.6	-7.023	-6.764	-6.474	-2.899
291.9	-7.208	-6.854	-6.333	-2.971
292.1	-7.351	-6.92	-6.324	-3.018
292.3	-7.487	-6.913	-6.302	-3.101
292.5	-7.613	-7.008	-6.27	-3.246
292.8	-7.717	-7.073	-6.215	-3.263
293.0	-7.906	-7.134	-6.172	-3.437
293.2	-8.039	-7.099	-6.06	-3.609
293.4	-8.100	-7.316	-6.072	-3.69
293.7	-8.290	-7.335	-5.936	-3.808
293.9	-8.281	-7.535	-5.755	-3.872
294.1	-8.422	-7.634	-5.657	-3.91
294.3	-8.520	-7.749	-5.429	-4.078
294.6	-8.587	-7.846	-5.217	-4.146
294.8	-8.534	-7.942	-5.014	-4.277
295.0	-8.558	-7.941	-4.724	-4.34
295.2	-8.566	-8.035	-4.541	-4.39
295.5	-8.613	-8.035	-4.258	-4.4
295.7	-8.593	-8.136	-4.063	-4.393
295.9	-8.469	-8.191	-3.745	-4.347
296.1	-8.468	-8.071	-3.495	-4.345
296.4	-8.366	-8.131	-3.341	-4.255
296.6	-8.375	-7.999	-3.107	-4.299
296.8	-8.192	-8.12	-2.923	-4.21
297.0	-8.408	-8.008	-2.742	-4.256
297.3	-8.256	-7.938	-2.541	-4.113
297.5	-8.355	-7.777	-2.373	-4.178
297.7	-8.265	-7.823	-2.163	-4.105
297.9	-8.316	-7.782	-2.034	-4.166
298.2	-8.258	-7.797	-1.864	-4.13
298.4	-8.280	-7.75	-1.801	-4.174
298.6	-8.405	-7.766	-1.735	-4.214
298.8	-8.425	-7.786	-1.666	-4.241
299.1	-8.435	-7.826	-1.602	-4.268
299.3	-8.425	-7.886	-1.524	-4.232
299.5	-8.275	-7.88	-1.474	-4.316

279.7	-1.361	-1.813	0.067	-2.55
280.0	-1.38	-1.665	0.164	-2.492
280.2	-1.405	-1.655	0.102	-2.423
280.4	-1.299	-1.594	0.302	-2.419
280.6	-1.345	-1.467	0.316	-2.494
280.8	-1.302	-1.542	0.411	-2.396
281.1	-1.262	-1.417	0.53	-2.483
281.3	-1.241	-1.428	0.573	-2.477
281.5	-1.102	-1.328	0.682	-2.447
281.7	-0.978	-1.401	0.829	-2.428
282.0	-0.86	-1.384	0.874	-2.521
282.2	-0.769	-1.37	0.927	-2.478
282.4	-0.569	-1.34	0.969	-2.612
282.6	-0.5	-1.352	1.069	-2.514
282.9	-0.333	-1.334	1.068	-2.511
283.1	-0.112	-1.395	1.138	-2.49
283.3	-0.02	-1.454	1.181	-2.511
283.5	0.114	-1.45	1.17	-2.405
283.8	0.236	-1.445	1.223	-2.366
284.0	0.247	-1.43	1.279	-2.298
284.2	0.364	-1.47	1.279	-2.184
284.4	0.527	-1.424	1.281	-2.247
284.7	0.495	-1.422	1.326	-2.064
284.9	0.59	-1.478	1.182	-2.028
285.1	0.582	-1.417	1.23	-2.106
285.3	0.53	-1.397	1.261	-1.873
285.6	0.579	-1.427	1.179	-1.809
285.8	0.575	-1.353	1.242	-1.874
286.0	0.526	-1.314	1.213	-1.814
286.2	0.52	-1.369	1.143	-1.796
286.5	0.518	-1.37	1.218	-1.877
286.7	0.465	-1.335	1.209	-1.725
286.9	0.442	-1.292	1.324	-1.679
287.1	0.374	-1.248	1.432	-1.763
287.4	0.334	-1.201	1.439	-1.736
287.6	0.274	-1.221	1.52	-1.689
287.8	0.257	-1.256	1.535	-1.829
288.0	0.174	-1.234	1.656	-1.768
288.3	0.154	-1.178	1.888	-1.715
288.5	0.15	-1.152	1.876	-1.607
288.7	0.124	-1.149	1.946	-1.626
288.9	0.107	-1.059	2.064	-1.654
289.2	0.1	-1.076	2.085	-1.637
289.4	0.185	-1.094	2.031	-1.722
289.6	0.196	-1.038	2.192	-1.529
289.8	0.218	-1.009	2.238	-1.338
290.1	0.254	-0.995	2.315	-1.421
290.3	0.293	-0.979	2.317	-1.479
290.5	0.317	-0.959	2.276	-1.379
290.7	0.343	-0.989	2.125	-1.532
291.0	0.371	-0.852	2.045	-1.514
291.2	0.391	-0.804	2.131	-1.413
291.4	0.406	-0.717	2.148	-1.44
291.6	0.429	-0.667	2.058	-1.451
291.9	0.455	-0.598	1.936	-1.382
292.1	0.492	-0.605	1.869	-1.426
292.3	0.455	-0.589	1.514	-1.587
292.5	0.508	-0.455	1.496	-1.525
292.8	0.546	-0.4	1.468	-1.399
293.0	0.548	-0.365	1.43	-1.314
293.2	0.554	-0.325	1.275	-1.546
293.4	0.542	-0.358	1.177	-1.524
293.7	0.517	-0.286	1.007	-1.54
293.9	0.487	-0.367	0.795	-1.564
294.1	0.476	-0.297	1.154	-1.519
294.3	0.446	-0.28	1.136	-1.449
294.6	0.397	-0.341	0.934	-1.436
294.8	0.388	-0.325	1.093	-1.543
295.0	0.365	-0.366	1.109	-1.532
295.2	0.398	-0.455	0.95	-1.52
295.5	0.336	-0.463	1.208	-1.593
295.7	0.225	-0.517	1.278	-1.351
295.9	0.251	-0.539	1.397	-1.377
296.1	0.27	-0.549	1.512	-1.646
296.4	0.185	-0.582	1.511	-1.456
296.6	0.207	-0.631	1.509	-1.513
296.8	0.171	-0.702	1.52	-1.575
297.0	0.106	-0.691	1.614	-1.427
297.3	0.059	-0.688	1.635	-1.511
297.5	0.054	-0.654	1.623	-1.493
297.7	0.059	-0.719	1.566	-1.391
297.9	0.028	-0.712	1.381	-1.345
298.2	-0.017	-0.674	1.438	-1.388
298.4	-0.009	-0.624	1.39	-1.244
298.6	-0.004	-0.66	1.173	-1.18
298.8	0.007	-0.687	1.129	-1.196
299.1	-0.04	-0.597	1.137	-1.192
299.3	-0.099	-0.654	0.904	-1.333
299.5	-0.066	-0.584	0.89	-1.248

279.7	-7.628	-5.912	-0.334	-1.293
280.0	-7.592	-5.918	-0.288	-1.203
280.2	-7.546	-5.799	-0.185	-1.179
280.4	-7.423	-5.95	-0.124	-1.113
280.6	-7.374	-5.896	-0.146	-1.102
280.8	-7.363	-5.836	0.022	-1.011
281.1	-7.273	-5.921	0.089	-1.063
281.3	-7.192	-5.898	0.103	-1.069
281.5	-7.11	-5.839	0.179	-1.022
281.7	-7.019	-5.936	0.25	-1.085
282.0	-6.905	-5.887	0.419	-1.091
282.2	-6.693	-5.906	0.5	-1.099
282.4	-6.597	-5.891	0.538	-1.143
282.6	-6.461	-5.97	0.633	-1.19
282.9	-6.372	-5.992	0.663	-1.212
283.1	-6.31	-6.048	0.756	-1.295
283.3	-6.245	-6.114	0.785	-1.301
283.5	-6.14	-6.199	0.793	-1.43
283.8	-6.113	-6.327	0.897	-1.498
284.0	-6.018	-6.392	0.995	-1.543
284.2	-6.014	-6.445	1.018	-1.686
284.4	-5.955	-6.527	1.134	-1.704
284.7	-5.838	-6.581	1.179	-1.791
284.9	-5.878	-6.502	1.193	-1.89
285.1	-5.851	-6.676	1.301	-1.956
285.3	-5.826	-6.7	1.302	-1.952
285.6	-5.785	-6.686	1.295	-2.036
285.8	-5.707	-6.635	1.348	-2.12
286.0	-5.656	-6.641	1.32	-2.167
286.2	-5.588	-6.51	1.317	-2.155
286.5	-5.559	-6.522	1.337	-2.248
286.7	-5.594	-6.57	1.28	-2.211
286.9	-5.648	-6.523	1.314	-2.254
287.1	-5.523	-6.554	1.278	-2.28
287.4	-5.62	-6.578	1.268	-2.278
287.6	-5.638	-6.412	1.273	-2.335
287.8	-5.721	-6.514	1.265	-2.377
288.0	-5.757	-6.535	1.237	-2.416
288.3	-5.769	-6.532	1.266	-2.476
288.5	-5.824	-6.624	1.225	-2.458
288.7	-5.886	-6.611	1.196	-2.515
288.9	-5.915	-6.587	1.195	-2.572
289.2	-5.898	-6.716	1.135	-2.65
289.4	-5.826	-6.748	1.114	-2.61
289.6	-5.788	-6.888	1.09	-2.699
289.8	-5.677	-6.715	0.967	-2.719
290.1	-5.554	-7.131	0.931	-2.861
290.3	-5.549	-7.053	0.829	-2.994
290.5	-5.449	-7.287	0.759	-3.07
290.7	-5.369	-7.522	0.702	-3.114
291.0	-5.255	-7.538	0.575	-3.154

299.7	-8.425	-7.989	-1.434	-4.32
300.0	-8.380	-8.215	-1.382	-4.526
300.2	-8.348	-8.198	-1.491	-4.571
300.4	-8.367	-8.343	-1.612	-4.685
300.6	-8.428	-8.516	-1.659	-4.798
300.9	-8.380	-8.618	-1.792	-4.854
301.1	-8.455	-8.82	-1.833	-5.098
301.3	-8.449	-8.877	-2.062	-5.301
301.5	-8.404	-9.229	-2.226	-5.455
301.8	-8.458	-9.437	-2.343	-5.635
302.0	-8.385	-9.542	-2.49	-5.77
302.2	-8.475	-9.792	-2.742	-5.917
302.4	-8.450	-9.954	-2.875	-6.054
302.7	-8.427	-10.382	-3.078	-6.068
302.9	-8.501	-10.603	-3.273	-6.104
303.1	-8.579	-10.767	-3.388	-6.122
303.3	-8.576	-11.279	-3.538	-6.128
303.6	-8.485	-11.562	-3.607	-6.065
303.8	-8.638	-11.881	-3.749	-6.032
304.0	-8.630	-12.222	-3.824	-5.851
304.2	-8.594	-12.471	-3.913	-5.877
304.5	-8.724	-12.791	-3.85	-5.767
304.7	-8.728	-13.037	-3.879	-5.743
304.9	-8.774	-13.055	-3.909	-5.644
305.1	-8.677	-13.137	-3.893	-5.583
305.4	-8.706	-13.287	-3.876	-5.559
305.6	-8.781	-13.4	-3.82	-5.526
305.8	-8.765	-13.456	-3.888	-5.538
306.0	-8.713	-13.383	-3.83	-5.523
306.3	-8.673	-13.191	-3.784	-5.569
306.5	-8.505	-13.24	-3.839	-5.561
306.7	-8.585	-13.098	-3.782	-5.574
306.9	-8.417	-12.78	-3.876	-5.572
307.2	-8.469	-12.639	-3.941	-5.559
307.4	-8.416	-12.403	-3.961	-5.566
307.6	-8.261	-12.616	-4.015	-5.51
307.8	-8.047	-12.342	-4.134	-5.369
308.1	-7.936	-12.207	-4.187	-5.35
308.3	-7.743	-12.009	-4.328	-5.225
308.5	-7.693	-11.825	-4.336	-5.02
308.7	-7.454	-11.829	-4.541	-4.952
309.0	-7.254	-11.645	-4.814	-4.862
309.2	-7.182	-11.476	-4.998	-4.652
309.4	-6.996	-11.345	-5.259	-4.473
309.6	-6.896	-11.38	-5.384	-4.317
309.9	-6.754	-11.268	-5.598	-4.257
310.1	-6.714	-11.104	-5.773	-4.248
310.3	-6.694	-11.005	-5.872	-4.116
310.5	-6.669	-10.988	-5.909	-4.108
310.8	-6.618	-10.842	-6.108	-3.988
311.0	-6.724	-10.855	-6.112	-4.031
311.2	-6.793	-10.593	-6.099	-3.997
311.4	-6.764	-10.63	-5.953	-4.009
311.7	-6.806	-10.679	-5.872	-4.069
311.9	-6.819	-10.612	-5.572	-3.988
312.1	-6.858	-10.631	-5.498	-3.998
312.3	-6.831	-10.53	-5.297	-3.955
312.6	-6.923	-10.531	-5.142	-3.966
312.8	-6.856	-10.434	-5.024	-3.738
313.0	-6.889	-10.22	-4.918	-3.797
313.2	-6.877	-10.154	-4.991	-3.711
313.5	-6.809	-9.901	-5.004	-3.563
313.7	-6.755	-9.63	-5.099	-3.55
313.9	-6.804	-9.075	-5.136	-3.423
314.1	-6.836	-9.106	-5.304	-3.432
314.4	-6.805	-8.745	-5.349	-3.349
314.6	-6.633	-8.559	-5.647	-3.323
314.8	-6.746	-8.361	-5.993	-3.257
315.0	-6.653	-8.094	-6.279	-3.215
315.3	-6.616	-7.846	-6.604	-3.185
315.5	-6.599	-7.691	-6.894	-3.051
315.7	-6.567	-7.343	-7.233	-3.072
315.9	-6.600	-7.358	-7.544	-3.015
316.2	-6.527	-7.247	-7.959	-2.94
316.4	-6.451	-7.104	-8.232	-2.761
316.6	-6.416	-7.018	-8.431	-2.696
316.8	-6.377	-6.905	-8.911	-2.644
317.1	-6.285	-6.826	-9.269	-2.544
317.3	-6.217	-6.708	-9.615	-2.469
317.5	-6.112	-6.566	-9.777	-2.398
317.7	-6.007	-6.537	-9.887	-2.314
318.0	-5.879	-6.369	-9.993	-2.302
318.2	-5.864	-6.239	-9.933	-2.234
318.4	-5.797	-6.085	-10.16	-2.285
318.6	-5.676	-6.115	-10.23	-2.256
318.9	-5.626	-5.919	-10.388	-2.323
319.1	-5.524	-6.02	-10.595	-2.305
319.3	-5.577	-5.85	-10.58	-2.379
319.5	-5.557	-5.857	-10.777	-2.488

299.7	-0.093	-0.662	0.94	-1.158
300.0	-0.159	-0.764	0.538	-1.144
300.2	-0.263	-0.702	0.668	-1.454
300.4	-0.329	-0.675	0.649	-1.446
300.6	-0.443	-0.754	0.533	-1.469
300.9	-0.566	-0.683	0.692	-1.626
301.1	-0.686	-0.645	0.791	-1.543
301.3	-0.75	-0.828	0.48	-1.687
301.5	-0.942	-0.912	0.486	-2.037
301.8	-1.055	-0.884	0.752	-2.015
302.0	-1.257	-0.863	0.82	-2.07
302.2	-1.417	-0.904	0.788	-2.014
302.4	-1.495	-0.944	0.784	-1.975
302.7	-1.638	-1.035	0.718	-2.066
302.9	-1.817	-1.054	0.838	-2.252
303.1	-1.926	-0.912	1.043	-2.224
303.3	-2.003	-1.029	1.016	-1.945
303.6	-1.989	-1.12	0.934	-1.89
303.8	-2.061	-1.051	1.034	-1.986
304.0	-2.05	-1.184	1.011	-2
304.2	-1.984	-1.124	1.086	-2.192
304.5	-1.928	-1.106	1.054	-1.877
304.7	-1.76	-1.281	0.748	-1.828
304.9	-1.678	-1.298	0.689	-2.029
305.1	-1.754	-1.243	0.751	-1.887
305.4	-1.556	-1.378	0.652	-1.836
305.6	-1.493	-1.402	0.524	-1.867
305.8	-1.41	-1.432	0.344	-1.718
306.0	-1.31	-1.7	-0.106	-1.718
306.3	-1.372	-1.71	-0.127	-2.183
306.5	-1.525	-1.711	-0.196	-1.943
306.7	-1.454	-1.853	-0.363	-1.82
306.9	-1.479	-1.883	-0.421	-1.973
307.2	-1.571	-1.913	-0.595	-1.951
307.4	-1.573	-2.018	-0.738	-2.075
307.6	-1.741	-2.11	-0.844	-2.241
307.8	-1.92	-2.13	-0.751	-2.214
308.1	-2.081	-2.13	-0.716	-2.265
308.3	-2.291	-2.119	-0.783	-2.353
308.5	-2.4	-2.288	-0.84	-2.29
308.7	-2.657	-2.374	-0.954	-2.384
309.0	-2.923	-2.459	-0.671	-2.557
309.2	-3.187	-2.487	-0.661	-2.643
309.4	-3.474	-2.468	-0.647	-2.6
309.6	-3.657	-2.695	-0.629	-2.585
309.9	-3.902	-2.802	-0.69	-2.666
310.1	-4.148	-2.742	-0.489	-2.912
310.3	-4.362	-2.851	-0.528	-3.085
310.5	-4.603	-3.194	-0.799	-3.008
310.8	-4.852	-3.036	-0.495	-2.949
311.0	-5.15	-3.101	-0.547	-3.148
311.2	-5.277	-3.355	-0.834	-3.23
311.4	-5.341	-3.421	-0.949	-3.143
311.7	-5.751	-3.568	-1.037	-3.007
311.9	-5.978	-3.801	-1.141	-3.136
312.1	-6.137	-3.771	-1.12	-3.291
312.3	-6.504	-3.913	-1.286	-2.996
312.6	-6.555	-3.979	-1.591	-3.09
312.8	-6.578	-4.109	-1.663	-3.187
313.0	-6.862	-4.14	-1.712	-3.179
313.2	-6.718	-4.366	-1.838	-3.3
313.5	-6.849	-4.395	-1.936	-3.375
313.7	-6.888	-4.614	-2.177	-3.27
313.9	-6.808	-4.686	-2.309	-3.334
314.1	-6.774	-4.851	-2.429	-3.368
314.4	-6.558	-4.987	-2.515	-3.371
314.6	-6.435	-5.234	-2.716	-3.506
314.8	-6.339	-5.278	-2.88	-3.558
315.0	-6.157	-5.455	-3.074	-3.62
315.3	-6.066	-5.607	-3.186	-3.698
315.5	-5.94	-5.743	-3.402	-3.645
315.7	-5.946	-5.984	-3.514	-3.858
315.9	-5.943	-6.137	-3.685	-3.946
316.2	-5.986	-6.067	-3.617	-4.086
316.4	-6.153	-6.218	-3.631	-4.091
316.6	-6.287	-6.394	-3.918	-4.178
316.8	-6.634	-6.297	-3.736	-4.191
317.1	-6.776	-6.249	-3.676	-4.346
317.3	-6.955	-6.613	-3.816	-4.495
317.5	-7.561	-6.393	-3.612	-4.369
317.7	-7.888	-6.506	-3.605	-4.45
318.0	-8.247	-6.639	-3.459	-4.452
318.2	-8.946	-6.588	-3.308	-4.492
318.4	-9.357	-6.606	-3.125	-4.227
318.6	-9.805	-6.685	-2.933	-4.38
318.9	-10.249	-6.55	-2.814	-4.418
319.1	-10.257	-6.731	-2.836	-4.324
319.3	-10.507	-6.805	-2.748	-4.312
319.5	-10.631	-6.904	-2.851	-4.252

299.7	-4.88	-6.949	-7.367	-4.603
300.0	-4.906	-6.718	-7.946	-4.483
300.2	-4.91	-6.782	-8.573	-4.566
300.4	-5.041	-6.688	-8.872	-4.56
300.6	-5.056	-6.652	-9.308	-4.562
300.9	-5.08	-6.612	-9.353	-4.629
301.1	-5.293	-6.582	-9.471	-4.581
301.3	-5.474	-6.527	-9.237	-4.655
301.5	-5.66	-6.493	-9.039	-4.64
301.8	-5.793	-6.542	-8.471	-4.76
302.0	-6.007	-6.501	-7.907	-4.679
302.2	-6.162	-6.569	-7.557	-4.854
302.4	-6.409	-6.604	-7.25	-4.814
302.7	-6.671	-6.6	-6.887	-4.997
302.9	-6.877	-6.682	-6.561	-5.105
303.1	-7.077	-6.624	-6.32	-5.191
303.3	-7.312	-6.698	-6.094	-5.217
303.6	-7.54	-6.889	-5.969	-5.444
303.8	-7.687	-6.98	-5.997	-5.569
304.0	-8.08	-7.056	-6.002	-5.601
304.2	-8.197	-7.188	-5.893	-5.691
304.5	-8.505	-7.273	-5.958	-5.766
304.7	-8.713	-7.326	-6.227	-5.957
304.9	-8.847	-7.292	-6.307	-5.87
305.1	-8.844	-7.464	-6.738	-5.959
305.4	-8.961	-7.506	-7.124	-6.017
305.6	-9.023	-7.491	-7.236	-6.001
305.8	-9.007	-7.564	-7.733	-5.921
306.0	-9.029	-7.614	-8.041	-6.046
306.3	-8.95	-7.668	-8.113	-6.015
306.5	-9.005	-7.622	-8.182	-5.982
306.7	-8.838	-7.611	-8.066	-6
306.9	-8.773	-7.626	-7.872	-5.993
307.2	-8.854	-7.585	-7.488	-5.897
307.4	-8.777	-7.47	-7.284	-6.066
307.6	-8.718	-7.493	-6.848	-6.054
307.8	-8.702	-7.377	-6.441	-6.233
308.1	-8.68	-7.353	-6.181	-6.337
308.3	-8.682	-7.141	-5.833	-6.478
308.5	-8.604	-7.067	-5.545	-6.632
308.7	-8.723	-7.043	-5.173	-6.772
309.0	-8.638	-7.004	-4.84	-6.919
309.2	-8.641	-6.943	-4.538	-7.206
309.4	-8.767	-6.979	-4.184	-7.407
309.6	-8.793	-6.94	-4.044	-7.585
309.9	-8.774	-6.992	-3.773	-7.744

319.8	-5.483	-5.781	-10.605	-2.606
320.0	-5.508	-5.687	-10.47	-2.609
320.2	-5.550	-5.64	-9.995	-2.717
320.4	-5.507	-5.653	-9.945	-2.796
320.6	-5.587	-5.551	-9.496	-2.863
320.9	-5.604	-5.635	-9.339	-2.931
321.1	-5.602	-5.595	-9.143	-2.906
321.3	-5.633	-5.651	-8.914	-3.007
321.5	-5.630	-5.664	-8.847	-2.94
321.8	-5.649	-5.579	-8.757	-2.957
322.0	-5.717	-5.724	-8.712	-2.976
322.2	-5.621	-5.631	-8.844	-2.971
322.4	-5.647	-5.722	-8.912	-2.899
322.7	-5.624	-5.677	-8.914	-2.848
322.9	-5.606	-5.725	-9.205	-2.847
323.1	-5.440	-5.705	-9.329	-2.788
323.3	-5.459	-5.71	-9.239	-2.782
323.6	-5.392	-5.676	-9.893	-2.739
323.8	-5.294	-5.706	-10.116	-2.75
324.0	-5.249	-5.702	-10.639	-2.809
324.2	-5.139	-5.745	-11.106	-2.785
324.5	-5.027	-5.81	-11.394	-2.798
324.7	-4.914	-5.843	-11.575	-2.828
324.9	-4.762	-5.847	-11.485	-2.918
325.1	-4.609	-5.907	-11.377	-3.059
325.4	-4.454	-5.917	-11.209	-3.087
325.6	-4.330	-5.927	-11.354	-3.173
325.8	-4.173	-5.948	-11.153	-3.306
326.0	-3.993	-5.893	-11.081	-3.409
326.3	-3.827	-5.887	-11.122	-3.447
326.5	-3.754	-5.81	-11.118	-3.567
326.7	-3.594	-5.742	-11.036	-3.562
326.9	-3.512	-5.638	-11.154	-3.692
327.2	-3.428	-5.548	-11.11	-3.745
327.4	-3.323	-5.475	-11.005	-3.756
327.6	-3.273	-5.353	-11.084	-3.797
327.8	-3.203	-5.154	-10.696	-3.718
328.1	-3.064	-5.2	-11.022	-3.893
328.3	-3.003	-5.021	-11.212	-3.766
328.5	-2.952	-4.936	-11.228	-3.684
328.7	-2.873	-4.907	-11.379	-3.688
329.0	-2.785	-4.896	-11.509	-3.579
329.2	-2.699	-4.811	-11.621	-3.633
329.4	-2.593	-4.689	-11.698	-3.57
329.6	-2.494	-4.551	-12.058	-3.567
329.9	-2.381	-4.567	-12.185	-3.608
330.1	-2.315	-4.438	-12.385	-3.648
330.3	-2.155	-4.281	-12.568	-3.6
330.5	-2.118	-4.19	-12.313	-3.581
330.8	-2.027	-4.14	-12.119	-3.527
331.0	-1.956	-4.04	-12.014	-3.614
331.2	-1.907	-3.947	-11.62	-3.58
331.4	-1.849	-3.858	-11.69	-3.603
331.7	-1.860	-3.823	-11.468	-3.592
331.9	-1.812	-3.757	-11.315	-3.563
332.1	-1.759	-3.734	-11.471	-3.617
332.3	-1.694	-3.71	-11.32	-3.597
332.6	-1.685	-3.682	-11.245	-3.498
332.8	-1.618	-3.716	-11.324	-3.536
333.0	-1.565	-3.738	-11.269	-3.597
333.2	-1.507	-3.76	-11.31	-3.634
333.5	-1.431	-3.729	-11.22	-3.592
333.7	-1.386	-3.794	-11.229	-3.595
333.9	-1.298	-3.781	-11.111	-3.606
334.1	-1.240	-3.741	-11.046	-3.556
334.4	-1.167	-3.661	-11.158	-3.523
334.6	-1.068	-3.621	-10.919	-3.581
334.8	-0.990	-3.409	-10.98	-3.593
335.0	-0.867	-3.455	-11.177	-3.582
335.3	-0.773	-3.331	-10.924	-3.636
335.5	-0.742	-3.227	-10.926	-3.609
335.7	-0.698	-3.072	-10.763	-3.598
335.9	-0.648	-2.993	-9.673	-3.613
336.2	-0.602	-2.902	-8.898	-3.608
336.4	-0.573	-2.844	-8.323	-3.589
336.6	-0.493	-2.795	-7.691	-3.639
336.8	-0.489	-2.743	-7.729	-3.606
337.1	-0.436	-2.726	-6.833	-3.545
337.3	-0.378	-2.675	-6.669	-3.641
337.5	-0.335	-2.63	-6.537	-3.606
337.7	-0.306	-2.583	-6.626	-3.578
338.0	-0.282	-2.604	-6.543	-3.589
338.2	-0.276	-2.624	-6.663	-3.597
338.4	-0.288	-2.59	-6.762	-3.642
338.6	-0.212	-2.581	-6.824	-3.632
338.9	-0.275	-2.476	-7.088	-3.584
339.1	-0.317	-2.489	-7.227	-3.619
339.3	-0.295	-2.389	-7.318	-3.602
339.5	-0.302	-2.342	-7.5	-3.563

319.8	-10.501	-6.809	-2.856	-4.205
320.0	-10.475	-7.131	-2.884	-4.105
320.2	-10.127	-7.327	-2.994	-4.227
320.4	-9.663	-7.441	-3.07	-4.209
320.6	-9.556	-7.529	-3.234	-4.265
320.9	-9.284	-7.997	-3.429	-4.39
321.1	-9.062	-8.076	-3.533	-4.488
321.3	-8.864	-8.382	-3.699	-4.637
321.5	-8.879	-8.751	-3.992	-4.743
321.8	-8.782	-8.639	-4.225	-4.99
322.0	-8.684	-8.72	-4.403	-5.029
322.2	-8.941	-8.68	-4.768	-5.133
322.4	-8.953	-8.6	-5.077	-5.387
322.7	-9.033	-8.542	-5.29	-5.401
322.9	-8.832	-8.591	-5.652	-5.402
323.1	-8.933	-8.521	-5.868	-5.64
323.3	-8.853	-8.351	-6.036	-5.517
323.6	-8.842	-8.143	-6.219	-5.752
323.8	-9.069	-7.779	-6.331	-5.746
324.0	-8.984	-7.796	-6.303	-5.669
324.2	-8.997	-7.418	-6.379	-5.721
324.5	-9.276	-7.179	-6.439	-5.747
324.7	-9.398	-7.061	-6.374	-5.735
324.9	-9.412	-6.835	-6.256	-5.848
325.1	-9.602	-6.784	-6.063	-5.896
325.4	-9.733	-6.691	-5.97	-5.865
325.6	-9.944	-6.651	-5.64	-6.218
325.8	-9.964	-6.574	-5.449	-6.417
326.0	-9.718	-6.768	-5.341	-6.58
326.3	-9.529	-6.813	-5.279	-6.661
326.5	-9.414	-6.958	-5.313	-6.889
326.7	-9.223	-6.994	-5.278	-7.143
326.9	-9.112	-7.231	-5.437	-7.228
327.2	-8.632	-7.394	-5.614	-7.278
327.4	-8.479	-7.594	-5.757	-7.107
327.6	-8.317	-7.73	-6.102	-7.119
327.8	-7.968	-7.741	-6.098	-7.331
328.1	-7.801	-7.992	-6.063	-7.219
328.3	-7.618	-7.97	-5.896	-7.291
328.5	-7.368	-8.018	-5.728	-7.105
328.7	-7.595	-7.974	-5.845	-7.008
329.0	-7.356	-7.863	-5.706	-7.016
329.2	-7.436	-7.686	-5.678	-6.994
329.4	-7.354	-7.773	-5.542	-6.775
329.6	-7.623	-7.636	-5.543	-6.914
329.9	-7.751	-7.504	-5.412	-7.005
330.1	-7.752	-7.446	-5.243	-7.056
330.3	-7.734	-7.242	-5.143	-7.31
330.5	-7.551	-7.119	-5.051	-7.452
330.8	-7.455	-7.244	-4.972	-7.6
331.0	-7.649	-7.109	-4.88	-7.582
331.2	-7.744	-7.032	-4.777	-8.053
331.4	-7.748	-6.984	-4.755	-8.235
331.7	-7.813	-6.959	-4.772	-8.393
331.9	-7.989	-6.962	-4.697	-8.536
332.1	-8.23	-6.947	-4.857	-8.508
332.3	-8.249	-6.933	-4.937	-8.42
332.6	-8.475	-6.931	-5.073	-8.241
332.8	-8.623	-6.9	-5.271	-8.084
333.0	-8.469	-6.946	-5.465	-7.959
333.2	-8.172	-6.91	-5.578	-7.768
333.5	-8.054	-6.884	-5.827	-7.683
333.7	-7.72	-6.865	-5.997	-7.506
333.9	-7.559	-6.948	-6.023	-7.479
334.1	-7.418	-6.877	-6.183	-7.529
334.4	-7.237	-6.693	-6.223	-7.568
334.6	-7.082	-6.797	-6.233	-7.642
334.8	-6.955	-6.814	-6.064	-7.54
335.0	-6.849	-6.856	-6.08	-7.757
335.3	-6.743	-6.818	-6.02	-7.714
335.5	-6.563	-6.855	-5.886	-8.023
335.7	-6.575	-6.798	-5.794	-8.106
335.9	-6.503	-6.954	-5.664	-8.23
336.2	-6.461	-6.904	-5.567	-8.197
336.4	-6.374	-7.078	-5.55	-8.307
336.6	-6.25	-7.116	-5.594	-8.366
336.8	-6.247	-7.158	-5.573	-8.208
337.1	-6.12	-7.235	-5.352	-8.251
337.3	-6.158	-7.262	-5.378	-8.287
337.5	-6.22	-7.263	-5.466	-8.425
337.7	-6.195	-7.214	-5.765	-8.539
338.0	-6.3	-7.237	-5.842	-8.617
338.2	-6.345	-7.365	-5.874	-8.755
338.4	-6.269	-7.28	-5.954	-8.83
338.6	-6.332	-7.313	-6.122	-8.968
338.9	-6.165	-7.372	-6.395	-9.106
339.1	-6.272	-7.327	-6.651	-9.075
339.3	-6.33	-7.356	-6.722	-9.084
339.5	-6.429	-7.363	-6.857	-9.224

319.8	-11.583	-9.474	-0.809	-7.496
320.0	-11.542	-9.644	-0.837	-7.318
320.2	-11.641	-9.604	-0.953	-7.3
320.4	-11.625	-9.734	-0.95	-7.233
320.6	-11.554	-9.954	-1.012	-7.251
320.9	-11.463	-9.86	-0.931	-7.077
321.1	-11.416	-10.14	-0.817	-7.116
321.3	-11.355	-10.435	-0.665	-6.697
321.5	-11.177	-10.578	-0.46	-6.689
321.8	-10.847	-10.744	-0.245	-6.598
322.0	-10.899	-10.887	-0.003	-6.593
322.2	-10.474	-11.236	0.211	-6.462
322.4	-10.298	-11.142	0.431	-6.359
322.7	-10.176	-11.407	0.66	-6.104
322.9	-10.036	-11.444	0.86	-6.134
323.1	-9.739	-11.556	1.029	-5.949
323.3	-9.598	-11.498	1.156	-5.908
323.6	-9.504	-11.152	1.242	-5.86
323.8	-9.419	-11.503	1.408	-5.749
324.0	-9.197	-11.216	1.522	-5.715
324.2	-9.267	-11.321	1.42	-5.692
324.5	-9.27	-11.318	1.457	-5.68
324.7	-9.307	-11.228	1.411	-5.685
324.9	-9.238	-11.119	1.339	-5.776
325.1	-9.364	-11.043	1.271	-5.759
325.4	-9.327	-11.246	1.156	-5.764
325.6	-9.353	-11.207	1.018	-5.688
325.8	-9.441	-11.142	0.924	-5.822
326.0	-9.459	-11.245	0.779	-5.888
326.3	-9.426	-11.318	0.621	-5.843
326.5	-9.567	-11.361	0.451	-5.878
326.7	-9.653	-11.557	0.305	-5.86
326.9	-9.645	-11.504	0.227	-5.812
327.2	-9.692	-11.645	0.156	-5.879
327.4	-9.626	-11.581	0.1	-5.755
327.6	-9.698	-11.378	0.1	-5.718
327.8	-9.816	-11.206	0.155	-5.704
328.1	-9.818	-10.982	0.229	-5.597
328.3	-9.928	-10.761	0.257	-5.619
328.5	-10.055	-10.477	0.372	-5.592
328.7	-10.124	-10.285	0.502	-5.583
329.0	-10.073	-9.946	0.635	-5.602
329.2	-10.29	-9.776	0.737	-5.598
329.4	-10.396	-9.632	0.876	-5.592
329.6	-10.429	-9.366	1.054	-5.452
329.9	-10.44	-9.358	1.132	-5.487
330.1	-10.46	-9.233	1.209	-5.415
330.3	-10.35	-9.34	1.281	-5.483
330.5	-10.549	-9.205	1.341	-5.479
330.8	-10.484	-9.439	1.362	-5.505
331.0	-10.074	-9.541	1.386	-5.518
331.2	-9.78	-9.702	1.466	-5.651
331.4	-9.533	-9.711	1.415	-5.61
331.7	-9.299	-9.935	1.452	-5.709
331.9	-9.001	-9.979	1.502	-5.774
332.1	-8.887	-10.29	1.553	-5.691
332.3	-8.58	-10.35	1.553	-5.802
332.6	-8.534	-10.461	1.552	-5.935
332.8	-8.426	-10.425	1.604	-5.839
333.0	-8.419	-10.466	1.569	-5.946
333.2	-8.425	-10.299	1.601	-5.928
333.5	-8.424	-10.087	1.592	-5.971
333.7	-8.389	-9.948	1.611	-5.964
333.9	-8.313	-9.795	1.607	-5.955
334.1	-8.449	-9.491	1.611	-5.948
334.4	-8.437	-9.339	1.556	-5.982
334.6	-8.423	-9.073	1.51	-5.859
334.8	-8.625	-9.051	1.387	-5.936
335.0	-8.689	-8.799	1.317	-5.905
335.3	-8.851	-8.819	1.173	-5.856
335.5	-8.824	-8.49	0.991	-5.835
335.7	-9.044	-8.574	0.829	-5.741
335.9	-9.103	-8.522	0.737	-5.676
336.2	-9.198	-8.462	0.531	-5.629
336.4	-9.301	-8.406	0.386	-5.733
336.6	-9.373	-8.4	0.258	-5.658
336.8	-9.339	-8.357	0.122	-5.622
337.1	-9.328	-8.32	-0.004	-5.63
337.3	-9.35	-8.26	-0.128	-5.646
337.5	-9.384	-8.132	-0.111	-5.585
337.7	-9.23	-8.082	-0.105	-5.641
338.0	-9.265	-7.881	-0.069	-5.654
338.2	-9.123	-7.902	0.042	-5.713
338.4	-8.996	-7.761	0.178	-5.752
338.6	-8.797	-7.692	0.3	-5.888
338.9	-8.725	-7.594	0.419	-6.018
339.1	-8.488	-7.395	0.456	-6.126
339.3	-8.287	-7.375	0.602	-6.28
339.5	-8.095	-7.323	0.748	-6.403

339.8	-0.241	-2.317	-7.556	-3.575
340.0	-0.268	-2.229	-7.682	-3.58
340.2	-0.265	-2.232	-7.562	-3.553
340.4	-0.251	-2.144	-7.205	-3.625
340.7	-0.253	-2.196	-6.955	-3.6
340.9	-0.257	-2.121	-6.617	-3.642
341.1	-0.244	-2.172	-6.48	-3.595
341.3	-0.282	-2.169	-6.323	-3.611
341.6	-0.208	-2.201	-6.177	-3.604
341.8	-0.239	-2.207	-6.069	-3.607
342.0	-0.145	-2.265	-5.993	-3.598
342.2	-0.070	-2.26	-5.968	-3.586
342.5	-0.050	-2.342	-6.152	-3.627
342.7	0.014	-2.282	-6.188	-3.622
342.9	0.069	-2.274	-6.143	-3.594
343.1	0.057	-2.195	-6.457	-3.617
343.4	0.030	-2.175	-6.716	-3.6
343.6	0.038	-2.121	-6.873	-3.493
343.8	0.003	-2.076	-7.091	-3.337
344.0	-0.038	-2.03	-7.414	-3.252
344.3	-0.020	-2.006	-7.462	-3.177
344.5	-0.004	-1.944	-7.412	-3.09
344.7	0.021	-1.889	-7.224	-3.043
344.9	0.067	-1.851	-6.99	-3.136
345.2	0.067	-1.845	-7.014	-3.104
345.4	0.079	-1.795	-6.846	-3.15
345.6	0.049	-1.739	-6.745	-3.191
345.8	0.009	-1.755	-6.646	-3.204
346.1	-0.040	-1.702	-6.454	-3.176
346.3	-0.055	-1.69	-6.149	-3.204
346.5	-0.079	-1.676	-5.997	-3.204
346.7	-0.056	-1.636	-5.768	-3.147
347.0	-0.043	-1.573	-5.5	-3.028
347.2	-0.051	-1.542	-5.301	-3.011
347.4	-0.045	-1.483	-5.21	-2.981
347.6	-0.030	-1.384	-5.135	-2.893
347.9	-0.045	-1.267	-5.124	-2.867
348.1	-0.029	-1.137	-5.125	-2.877
348.3	-0.034	-1.085	-5.185	-2.839
348.5	-0.037	-1.046	-5.175	-2.841
348.8	-0.021	-0.948	-5.264	-2.887
349.0	-0.016	-0.971	-5.399	-2.899
349.2	-0.015	-0.979	-5.567	-2.894
349.4	-0.007	-0.932	-5.794	-2.907
349.7	-0.010	-0.998	-5.876	-2.971
349.9	-0.026	-1.027	-6.171	-2.991
350.1	-0.079	-1.076	-6.352	-3.004
350.3	-0.109	-1.12	-6.585	-3.024
350.6	-0.159	-1.131	-6.599	-3.077
350.8	-0.169	-1.153	-6.61	-3.151
351.0	-0.198	-1.136	-6.49	-3.136
351.2	-0.208	-1.1	-6.302	-3.237
351.5	-0.202	-1.07	-6.312	-3.307
351.7	-0.215	-1.052	-6.155	-3.351
351.9	-0.217	-1.004	-6.05	-3.363
352.1	-0.243	-0.948	-5.908	-3.263
352.4	-0.246	-0.915	-5.828	-3.457
352.6	-0.235	-0.887	-5.88	-3.543
352.8	-0.195	-0.886	-5.902	-3.609
353.0	-0.251	-0.901	-5.949	-3.636
353.3	-0.217	-0.867	-5.854	-3.582
353.5	-0.224	-0.907	-5.9	-3.649
353.7	-0.223	-0.907	-5.953	-3.62
353.9	-0.239	-0.932	-5.975	-3.576
354.2	-0.233	-0.95	-5.964	-3.588
354.4	-0.203	-0.909	-6.101	-3.578
354.6	-0.234	-0.981	-6.147	-3.553
354.8	-0.204	-0.973	-6.13	-3.539
355.1	-0.200	-0.971	-6.202	-3.595
355.3	-0.226	-0.974	-6.106	-3.552
355.5	-0.222	-0.929	-6.213	-3.611
355.7	-0.189	-0.987	-6.163	-3.615
356.0	-0.131	-0.98	-6.193	-3.469
356.2	-0.209	-0.94	-6.243	-3.582
356.4	-0.184	-0.946	-6.209	-3.576
356.6	-0.198	-0.982	-6.181	-3.54
356.9	-0.208	-0.977	-6.185	-3.535
357.1	-0.212	-0.978	-6.202	-3.542
357.3	-0.150	-0.95	-6.233	-3.647
357.5	-0.159	-0.965	-6.152	-3.564
357.8	-0.147	-0.991	-6.188	-3.587
358.0	-0.175	-0.939	-6.116	-3.625
358.2	-0.200	-1.01	-6.124	-3.598
358.4	-0.196	-0.95	-6.093	-3.586
358.7	-0.195	-0.976	-6.018	-3.584
358.9	-0.191	-0.987	-6.114	-3.599
359.1	-0.197	-0.984	-6.035	-3.56
359.3	-0.195	-0.952	-5.956	-3.614
359.6	-0.219	-1.01	-6.039	-3.596

339.8	-6.544	-7.553	-7.236	-9.063
340.0	-6.645	-7.591	-7.66	-8.942
340.2	-6.794	-7.593	-7.97	-8.833
340.4	-6.812	-7.74	-8.165	-8.48
340.7	-6.93	-7.851	-8.526	-8.456
340.9	-6.934	-7.893	-9.229	-8.328
341.1	-6.76	-7.88	-9.641	-8.203
341.3	-6.783	-7.921	-9.998	-8.121
341.6	-6.66	-7.908	-10.636	-7.931
341.8	-6.571	-7.893	-10.994	-8.156
342.0	-6.472	-7.904	-11.168	-8.091
342.2	-6.458	-7.944	-11.225	-8.286
342.5	-6.453	-7.932	-10.939	-8.498
342.7	-6.444	-7.911	-10.944	-8.6
342.9	-6.604	-7.93	-10.73	-8.882
343.1	-6.593	-7.98	-10.578	-9.236
343.4	-6.703	-8.027	-10.417	-9.408
343.6	-6.603	-7.911	-10.163	-9.519
343.8	-6.515	-8	-10.537	-9.742
344.0	-6.546	-8.013	-10.36	-9.938
344.3	-6.529	-8.091	-10.52	-9.947
344.5	-6.591	-8.362	-10.829	-9.983
344.7	-6.759	-8.359	-11.171	-10.192
344.9	-6.891	-8.411	-11.693	-10.295
345.2	-7.042	-8.491	-12.026	-10.479
345.4	-7.221	-8.547	-12.189	-10.488
345.6	-7.472	-8.848	-12.53	-10.56
345.8	-7.72	-9.129	-12.814	-10.889
346.1	-7.909	-9.264	-12.757	-11.123
346.3	-8.29	-9.427	-12.053	-11.281
346.5	-8.551	-9.623	-11.549	-11.362
346.7	-8.979	-10.01	-11.121	-11.805
347.0	-9.356	-10.106	-10.349	-12.09
347.2	-9.744	-10.653	-10.279	-12.373
347.4	-10.07	-10.661	-10.332	-12.06
347.6	-10.57	-10.661	-9.745	-12.43
347.9	-11.028	-11.107	-9.546	-12.204
348.1	-11.525	-11.524	-9.438	-12.131
348.3	-11.751	-11.72	-9.505	-12.422
348.5	-11.761	-11.994	-9.36	-11.832
348.8	-11.537	-12.041	-9.531	-11.477
349.0	-11.337	-12.082	-9.327	-10.801
349.2	-11.293	-11.935	-9.374	-10.172
349.4	-10.901	-12.137	-9.485	-10.13
349.7	-10.787	-12.058	-9.674	-10.229
349.9	-10.521	-11.696	-9.653	-9.98
350.1	-10.221	-11.825	-9.429	-9.548
350.3	-10.038	-11.656	-9.538	-8.954
350.6	-9.949	-11.75	-9.212	-8.908
350.8	-9.74	-11.793	-9.158	-9.121
351.0	-9.755	-11.887	-8.654	-9.256
351.2	-9.836	-11.706	-8.395	-9.119
351.5	-9.679	-11.931	-8.298	-8.973
351.7	-9.72	-12.029	-7.752	-8.642
351.9	-9.812	-12.179	-7.428	-8.638
352.1	-9.808	-12.374	-7.345	-9.217
352.4	-9.805	-12.571	-6.991	-9.251
352.6	-9.805	-12.599	-6.729	-9.093
352.8	-9.727	-12.71	-6.604	-9.095
353.0	-9.8	-12.779	-6.297	-8.99
353.3	-9.793	-13.016	-6.108	-9.203
353.5	-9.977	-13.002	-6.186	-9.368
353.7	-9.958	-13.058	-5.946	-9.29
353.9	-10.108	-13.116	-5.764	-9.179
354.2	-9.909	-13.092	-5.719	-9.069
354.4	-10.228	-13.152	-5.729	-9.198
354.6	-10.276	-13.063	-5.714	-9.148
354.8	-10.279	-13.226	-5.625	-9.061
355.1	-10.314	-13.148	-5.539	-9.011
355.3	-10.461	-13.036	-5.514	-8.99
355.5	-10.426	-13.054	-5.478	-8.948
355.7	-10.524	-13.091	-5.558	-9.015
356.0	-10.468	-12.876	-5.501	-8.78
356.2	-10.436	-13.12	-5.524	-8.971
356.4	-10.354	-12.769	-5.459	-9.004
356.6	-10.301	-13.126	-5.404	-8.931
356.9	-10.498	-12.91	-5.476	-8.94
357.1	-10.452	-13.164	-5.584	-8.918
357.3	-10.387	-13.133	-5.627	-8.921
357.5	-10.598	-13.071	-5.648	-8.937
357.8	-10.476	-13.012	-5.526	-8.874
358.0	-10.475	-13.162	-5.461	-8.794
358.2	-10.519	-12.898	-5.549	-8.816
358.4	-10.363	-13.013	-5.534	-8.922
358.7	-10.46	-13.018	-5.47	-8.883
358.9	-10.507	-13.126	-5.538	-8.953
359.1	-10.474	-12.864	-5.44	-8.874
359.3	-10.515	-13.084	-5.468	-8.921
359.6	-10.53	-13.001	-5.497	-8.796

339.8	-7.967	-7.33	0.898	-6.367
340.0	-7.667	-7.265	0.964	-6.431
340.2	-7.566	-7.255	1.057	-6.398
340.4	-7.403	-7.158	1.112	-6.365
340.7	-7.232	-7.102	1.166	-6.342
340.9	-7.18	-7.139	1.111	-6.331
341.1	-7.122	-7.003	1.084	-6.177
341.3	-7.064	-6.872	1.015	-6.073
341.6	-7.046	-6.934	0.928	-6.004
341.8	-7.009	-7.015	0.771	-6.027
342.0	-7.127	-6.851	0.633	-6.077
342.2	-7.094	-6.967	0.444	-5.996
342.5	-7.368	-6.946	0.322	-6.04
342.7	-7.354	-6.959	0.054	-6.115
342.9	-7.612	-6.91	-0.128	-6.157
343.1	-7.773	-6.912	-0.332	-6.266
343.4	-7.788	-6.834	-0.533	-6.331
343.6	-8.047	-6.602	-0.704	-6.279
343.8	-8.198	-6.669	-0.867	-6.401
344.0	-8.279	-6.459	-0.984	-6.337
344.3	-8.397	-6.582	-1.161	-6.358
344.5	-8.527	-6.546	-1.23	-6.456
344.7	-8.731	-6.49	-1.4	-6.523
344.9	-8.737	-6.557	-1.517	-6.449
345.2	-8.693	-6.652	-1.663	-6.435
345.4	-8.915	-6.754	-1.796	-6.488
345.6	-9.082	-6.847	-1.935	-6.272
345.8	-9.206	-6.986	-2.097	-6.395
346.1	-9.252	-7.079	-2.257	-6.281
346.3	-9.328	-7.199	-2.454	-6.049
346.5	-9.497	-7.187	-2.614	-5.875
346.7	-9.626	-6.899	-2.695	-5.787
347.0	-9.741	-7.021	-2.706	-5.626
347.2	-9.911	-7.009	-2.759	-5.427
347.4	-10.123	-7.005	-2.74	-5.457
347.6	-10.196	-6.973	-2.52	-5.316
347.9	-10.362	-6.872	-2.509	-5.354
348.1	-10.496	-6.927	-2.425	-5.422
348.3	-10.501	-6.762	-2.325	-5.377
348.5	-10.532	-6.795	-2.245	-5.526
348.8	-10.407	-6.642	-2.165	-5.653
349.0	-10.411	-6.538	-2.12	-5.795
349.2	-10.48	-6.535	-2.097	-5.955
349.4	-10.468	-6.413	-2.124	-5.971
349.7	-10.435	-6.305	-2.185	-6.098
349.9	-10.454	-6.433	-2.289	-6.229
350.1	-10.423	-6.393	-2.454	-6.308
350.3	-10.414	-6.343	-2.595	-6.287
350.6	-10.45	-6.496	-2.791	-6.298
350.8	-10.515	-6.569	-2.975	-6.112
351.0	-10.486	-6.682	-3.266	-6.137
351.2	-10.413	-6.804	-3.425	-6.171
351.5	-10.512	-6.838	-3.671	-6.04
351.7	-10.429	-6.988	-3.911	-6.004
351.9	-10.447	-7.093	-4.031	-6.034
352.1	-10.552	-7.237	-4.247	-5.995
352.4	-10.362	-7.33	-4.319	-5.891
352.6	-10.221	-7.417	-4.426	-6.033
352.8	-10.407	-7.503	-4.463	-6.061
353.0	-10.399	-7.553	-4.512	-6.077
353.3	-10.468	-7.6	-4.572	-6.262
353.5	-10.437	-7.576	-4.617	-6.228
353.7	-10.509	-7.675	-4.65	-6.32
353.9	-10.38	-7.703	-4.68	-6.359
354.2	-10.418	-7.685	-4.674	-6.423
354.4	-10.484	-7.718	-4.614	-6.352
354.6	-10.453	-7.727	-4.647	-6.334
354.8	-10.501	-7.646	-4.707	-6.421
355.1	-10.487	-7.696	-4.708	-6.409
355.3	-10.374	-7.826	-4.701	-6.429
355.5	-10.477	-7.774	-4.699	-6.398
355.7	-10.512	-7.721	-4.644	-6.431
356.0	-10.423	-7.719	-4.655	-6.47
356.2	-10.427	-7.775	-4.677	-6.497
356.4	-10.424	-7.74	-4.662	-6.384
356.6	-10.412	-7.754	-4.63	-6.441
356.9	-10.51	-7.616	-4.718	-6.474
357.1	-10.451	-7.808	-4.718	-6.426
357.3	-10.457	-7.728	-4.751	-6.384
357.5	-10.431	-7.73	-4.596	-6.339
357.8	-10.448	-7.755	-4.705	-6.405
358.0	-10.42	-7.705	-4.614	-6.279
358.2	-10.401	-7.725	-4.769	-6.328
358.4	-10.382	-7.759	-4.723	-6.423
358.7	-10.504	-7.761	-4.703	-6.445
358.9	-10.534	-7.771	-4.716	-6.388
359.1	-10.516	-7.733	-4.68	-6.376
359.3	-10.496	-7.769	-4.665	-6.281
359.6	-10.515	-7.738	-4.652	-6.381

359.8	-0.206	-0.962	-6.036	-3.634
360.0	-0.223	-1.012	-5.923	-3.618

359.8	-10.454	-13.066	-5.55	-8.963
360.0	-10.544	-13.046	-5.489	-8.854

359.8	-10.498	-7.653	-4.754	-6.367
360.0	-10.521	-7.766	-4.75	-6.12

Right antenna gain data

5GHz Right antenna – XY plane (dBi/deg)				
Degree /Freq.	5200 MHz	5300 MHz	5600 MHz	5800 MHz
0.2	-6.525	-10.553	-6.65	-9.715
0.4	-6.589	-10.464	-6.658	-9.717
0.7	-6.678	-10.331	-6.654	-9.535
0.9	-6.639	-10.499	-6.897	-9.282
1.1	-6.684	-10.475	-6.977	-9.244
1.3	-6.706	-10.493	-7.132	-9.205
1.6	-6.778	-10.374	-7.251	-9.184
1.8	-6.697	-10.365	-7.484	-9.095
2.0	-6.717	-10.409	-7.71	-8.953
2.2	-6.695	-10.485	-7.884	-8.701
2.5	-6.766	-10.396	-7.955	-8.697
2.7	-6.771	-10.346	-7.986	-8.668
2.9	-6.726	-10.472	-8.099	-8.602
3.1	-6.790	-10.165	-8.046	-8.516
3.4	-6.773	-10.22	-7.929	-8.405
3.6	-6.839	-10.123	-7.957	-8.35
3.8	-6.772	-10.194	-7.782	-8.197
4.0	-6.780	-10.144	-7.616	-7.923
4.3	-6.879	-10.118	-7.418	-8.148
4.5	-6.873	-10.182	-7.249	-8.159
4.7	-6.864	-10.147	-7.316	-8.112
4.9	-6.915	-10.281	-7.125	-8.081
5.2	-6.981	-10.338	-7.095	-8.113
5.4	-7.094	-10.58	-6.977	-8.149
5.6	-7.125	-10.656	-6.988	-8.167
5.8	-7.175	-10.702	-6.834	-8.117
6.1	-7.354	-10.872	-6.739	-8.189
6.3	-7.425	-10.95	-6.705	-8.2
6.5	-7.654	-10.948	-6.641	-8.202
6.7	-7.822	-10.845	-6.656	-8.167
7.0	-7.939	-10.818	-6.744	-8.167
7.2	-8.128	-10.901	-6.74	-8.231
7.4	-8.299	-10.792	-6.682	-8.219
7.6	-8.488	-10.821	-6.782	-8.144
7.9	-8.669	-10.855	-6.973	-8.317
8.1	-8.827	-10.947	-7.078	-8.391
8.3	-8.882	-10.834	-7.05	-8.61
8.5	-9.019	-10.908	-7.191	-8.753
8.8	-9.183	-11.128	-7.328	-8.847
9.0	-9.298	-11.026	-7.472	-9.115
9.2	-9.412	-10.972	-7.497	-9.087
9.4	-9.456	-11.088	-7.602	-9.311
9.7	-9.578	-11.167	-7.705	-9.395
9.9	-9.600	-11.077	-7.755	-9.48
10.1	-9.686	-11.075	-7.979	-9.534
10.3	-9.772	-11.16	-8.037	-9.523
10.6	-9.752	-11.106	-8.052	-9.486
10.8	-9.784	-11.07	-8.1	-9.489
11.0	-9.790	-10.876	-8.073	-9.515
11.2	-9.597	-10.753	-8.257	-9.32
11.5	-9.741	-10.992	-8.316	-9.341
11.7	-9.690	-10.82	-8.488	-9.551
11.9	-9.559	-10.722	-8.57	-9.655
12.1	-9.406	-10.758	-8.65	-9.551
12.4	-9.219	-10.729	-8.529	-9.625
12.6	-9.186	-10.595	-8.803	-9.705
12.8	-9.006	-10.398	-8.823	-9.757
13.0	-8.867	-10.427	-8.855	-9.805
13.3	-8.700	-10.298	-8.699	-9.876
13.5	-8.626	-10.287	-8.717	-9.999
13.7	-8.550	-9.885	-8.506	-10.187
13.9	-8.511	-10.103	-8.477	-10.083
14.2	-8.459	-10.189	-8.365	-10.171
14.4	-8.514	-10.158	-8.262	-10.113
14.6	-8.514	-10.281	-8.143	-10.107
14.8	-8.569	-10.284	-7.996	-10.062
15.1	-8.605	-10.34	-7.983	-10.149
15.3	-8.672	-10.348	-7.97	-10.026
15.5	-8.849	-10.577	-7.888	-9.975
15.7	-8.902	-10.592	-7.997	-9.978
16.0	-9.095	-10.633	-8.087	-9.885
16.2	-9.279	-10.785	-7.957	-9.861
16.4	-9.413	-10.817	-8.208	-9.804
16.6	-9.534	-10.89	-8.373	-9.821
16.9	-9.614	-10.948	-8.359	-9.88
17.1	-9.675	-11.111	-8.526	-9.908
17.3	-9.853	-10.986	-8.714	-10.01
17.5	-9.937	-11.072	-8.978	-9.949
17.8	-10.079	-11.093	-9.041	-9.919
18.0	-10.170	-11.094	-9.311	-9.819
18.2	-10.166	-11.097	-9.36	-9.606
18.4	-10.083	-11.097	-9.618	-9.509
18.7	-10.140	-11.049	-9.662	-9.692
18.9	-10.080	-11.008	-9.798	-9.633
19.1	-9.941	-10.98	-9.828	-9.632
19.3	-9.867	-10.977	-9.818	-9.682

5GHz Right antenna – XZ plane (dBi/deg)				
Degree /Freq.	5200 MHz	5300 MHz	5600 MHz	5800 MHz
0.2	-13.484	-6.318	-6.855	-7.631
0.4	-13.297	-6.159	-7.018	-7.692
0.7	-13.214	-6.254	-7.266	-7.585
0.9	-13.048	-6.184	-7.473	-7.652
1.1	-12.752	-6.292	-7.438	-7.702
1.3	-12.441	-6.514	-7.673	-7.94
1.6	-12.098	-6.644	-7.824	-7.944
1.8	-11.682	-6.725	-8.006	-8.31
2.0	-11.271	-6.884	-8.064	-8.331
2.2	-10.942	-7.015	-8.153	-8.232
2.5	-10.62	-7.033	-8.388	-8.345
2.7	-10.337	-7.093	-8.375	-8.19
2.9	-10.162	-7.157	-8.767	-8.066
3.1	-9.99	-7.073	-9.093	-7.836
3.4	-9.776	-7.136	-9.122	-7.545
3.6	-9.849	-7.242	-9.558	-7.438
3.8	-9.755	-7.36	-9.595	-7.306
4.0	-9.608	-7.392	-9.803	-7.227
4.3	-9.463	-7.563	-9.559	-7.141
4.5	-9.756	-7.633	-9.34	-7.241
4.7	-9.794	-7.741	-8.933	-7.208
4.9	-9.705	-7.931	-8.372	-7.457
5.2	-9.742	-7.936	-8.167	-7.5
5.4	-9.959	-7.987	-7.641	-7.531
5.6	-9.98	-7.884	-7.143	-7.575
5.8	-10.039	-7.745	-6.764	-7.447
6.1	-10.064	-7.748	-6.439	-7.309
6.3	-10.023	-7.736	-6.084	-6.789
6.5	-10.19	-7.588	-5.747	-6.758
6.7	-10.349	-7.375	-5.702	-6.406
7.0	-10.765	-7.403	-5.532	-6.111
7.2	-11.044	-7.299	-5.409	-6.03
7.4	-11.521	-7.242	-5.433	-5.898
7.6	-11.871	-7.285	-5.449	-5.873
7.9	-12.486	-7.42	-5.39	-5.997
8.1	-12.932	-7.498	-5.484	-5.967
8.3	-13.211	-7.428	-5.741	-6.223
8.5	-13.653	-7.431	-5.836	-6.48
8.8	-14.036	-7.559	-6.099	-6.184
9.0	-14.095	-7.692	-6.592	-5.728
9.2	-14.371	-7.543	-7.078	-5.395
9.4	-14.317	-7.684	-7.499	-5.337
9.7	-14.351	-7.739	-8.082	-5.32
9.9	-14.174	-7.791	-8.846	-5.354
10.1	-14.042	-7.872	-9.303	-5.466
10.3	-13.897	-7.905	-9.963	-5.565
10.6	-13.811	-8	-10.42	-5.787
10.8	-13.697	-8.296	-10.63	-5.991
11.0	-13.681	-8.304	-10.381	-6.175
11.2	-13.638	-8.76	-10.105	-6.322
11.5	-13.322	-8.938	-9.812	-6.222
11.7	-13.447	-9.267	-9.402	-6.569
11.9	-13.848	-9.425	-9.032	-6.514
12.1	-13.386	-9.611	-8.829	-6.477
12.4	-13.194	-9.675	-8.539	-6.485
12.6	-13.176	-9.78	-8.408	-6.593
12.8	-13.175	-9.824	-7.799	-7.035
13.0	-12.74	-9.814	-7.591	-7.407
13.3	-12.682	-9.744	-7.497	-7.363
13.5	-12.301	-9.782	-7.45	-7.038
13.7	-12.284	-9.542	-7.149	-6.71
13.9	-12.246	-9.582	-6.693	-6.362
14.2	-11.835	-9.504	-6.502	-6.093
14.4	-11.833	-9.467	-6.426	-5.821
14.6	-11.605	-9.393	-6.296	-5.691
14.8	-11.58	-9.3	-6.147	-5.564
15.1	-11.555	-9.319	-6.037	-5.464
15.3	-11.35	-9.202	-6.031	-5.428
15.5	-11.337	-9.17	-5.936	-5.524
15.7	-11.206	-8.987	-5.884	-5.7
16.0	-11.08	-8.906	-5.758	-5.903
16.2	-11.152	-8.663	-5.742	-6.195
16.4	-11.266	-8.662	-5.681	-6.472
16.6	-11.244	-8.51	-5.517	-6.708
16.9	-11.223	-8.413	-5.382	-7.004
17.1	-11.435	-8.308	-5.252	-6.945
17.3	-11.8	-8.266	-5.197	-6.758
17.5	-11.674	-8.386	-5.037	-6.711
17.8	-11.904	-8.374	-4.876	-6.705
18.0	-12.139	-8.482	-4.809	-6.824
18.2	-12.533	-8.562	-4.686	-6.913
18.4	-12.817	-8.788	-4.461	-7.051
18.7	-13.05	-8.989	-4.399	-7.02
18.9	-13.519	-9.18	-4.329	-7.124
19.1	-13.968	-9.369	-4.266	-7.296
19.3	-14.313	-9.699	-4.195	-7.325

5GHz Right antenna – YZ plane (dBi/deg)				
Degree /Freq.	5200 MHz	5300 MHz	5600 MHz	5800 MHz
0.2	-13.49	-11.182	-7.409	-10.949
0.4	-13.504	-11.089	-7.417	-10.962
0.7	-13.9	-10.967	-7.308	-10.699
0.9	-13.847	-10.727	-7.146	-10.764
1.1	-14.077	-10.726	-7.065	-10.459
1.3	-14.358	-10.561	-6.898	-10.314
1.6	-14.308	-10.355	-6.833	-10.386
1.8	-14.039	-10.312	-6.671	-10.077
2.0	-14.045	-10.097	-6.571	-10.143
2.2	-13.866	-9.879	-6.416	-10.174
2.5	-13.723	-9.848	-6.401	-10.292
2.7	-13.831	-9.753	-6.353	-10.26
2.9	-13.581	-9.68	-6.29	-10.235
3.1	-13.289	-9.778	-6.369	-10.179
3.4	-13.031	-9.877	-6.428	-10.024
3.6	-12.583	-10.03	-6.516	-9.741
3.8	-12.496	-10.058	-6.672	-9.755
4.0	-12.642	-10.223	-6.874	-9.496
4.3	-12.55	-10.614	-7.137	-9.173
4.5	-12.512	-10.783	-7.216	-9.057
4.7	-12.755	-11.388	-7.461	-9.071
4.9	-13.01	-11.858	-7.486	-8.919
5.2	-13.184	-12.311	-7.7	-8.792
5.4	-13.104	-13.173	-7.663	-8.721
5.6	-13.014	-13.706	-7.685	-8.93
5.8	-13.007	-13.9	-7.57	-8.933
6.1	-13.023	-13.854	-7.566	-9.091
6.3	-12.848	-14.393	-7.515	-9.152
6.5	-12.649	-14.41	-7.352	-9.154
6.7	-12.307	-14.341	-7.319	-9.172
7.0	-12.027	-14.327	-7.175	-9.151
7.2	-11.637	-14.182	-7.097	-9.087
7.4	-11.41	-13.871	-6.987	-8.791
7.6	-11.167	-13.497	-6.82	-9.051
7.9	-10.764	-13.42	-6.827	-8.951
8.1	-10.636	-13.175	-6.79	-9.018
8.3	-10.576	-13.168	-6.712	-8.972
8.5	-10.581	-13.018	-6.845	-9.238
8.8	-10.476	-12.813	-6.828	-9.298
9.0	-10.446	-13.083	-7.005	-9.505
9.2	-10.317	-13.235	-7.119	-9.698
9.4	-10.335	-13.226	-7.18	-9.52
9.7	-10.354	-13.304	-7.492	-9.656
9.9	-10.437	-13.431	-7.66	-9.482
10.1	-10.287	-13.358	-7.827	-9.493
10.3	-10.412	-13.352	-8.097	-9.221
10.6	-10.364	-13.417	-8.234	-8.988
10.8	-10.146	-13.054	-8.439	-8.923
11.0	-10.132	-13.185	-8.37	-8.677
11.2	-10.119	-13.459	-8.603	-8.705
11.5	-9.988	-13.45	-8.471	-8.775
11.7	-10	-13.388	-8.595	-8.782
11.9	-9.935	-13.166	-8.617	-8.736
12.1	-9.618	-13.245	-8.47	-8.994
12.4	-9.619	-13.243	-8.489	-8.993
12.6	-9.323	-12.999	-8.365	-9.261
12.8	-9.151	-13.065	-8.193	-9.527
13.0	-8.796	-12.931	-8.12	-9.525
13.3	-8.617	-12.799	-8.182	-9.661
13.5	-8.286	-12.621	-8.13	-9.745
13.7	-8.133	-12.788	-8.057	-9.723
13.9	-7.773	-12.472	-8.093	-9.511
14.2	-7.568	-12.713	-8.143	-9.583
14.4	-7.376	-12.694	-8.259	-9.295
14.6	-7.072	-12.687	-8.284	-9.491
14.8	-6.964	-12.823	-8.176	-9.408
15.1	-6.797	-12.949	-8.413	-9.392
15.3	-6.682	-13.295	-8.581	-9.645
15.5	-6.648	-13.393	-8.562	-9.802
15.7	-6.694	-13.701	-8.864	-9.766
16.0	-6.774	-13.635	-8.758	-10.27
16.2	-6.855	-13.803	-8.979	-10.465
16.4	-6.949	-14.083	-9.385	-10.694
16.6	-7.059	-13.603	-9.561	-11.254
16.9	-7.213	-13.164	-9.809	-11.688
17.1	-7.431	-12.983	-9.953	-11.921
17.3	-7.604	-12.641	-10.309	-12.065
17.5	-7.779	-12.424	-10.444	-12.108
17.8	-7.981	-12.399	-10.859	-12.351
18.0	-8.178	-12.492	-11.183	-12.032
18.2	-8.192	-12.414	-11.338	-12.048
18.4	-8.394	-12.283	-11.525	-12.109
18.7	-8.43	-12.211	-11.511	-11.806
18.9	-8.396	-12.366	-11.697	-11.962
19.1	-8.526	-12.059	-11.812	-12.064
19.3	-8.441	-12.049	-11.772	-12.346

19.6	-9.735	-10.918	-9.794	-9.632
19.8	-9.586	-10.731	-9.779	-9.822
20.0	-9.427	-10.731	-9.789	-10.09
20.2	-9.317	-10.664	-9.927	-10.022
20.5	-9.168	-10.745	-9.81	-10.052
20.7	-8.977	-10.656	-9.712	-10.01
20.9	-8.733	-10.649	-9.408	-9.826
21.1	-8.589	-10.333	-9.338	-9.537
21.4	-8.407	-10.672	-9.078	-9.42
21.6	-8.264	-10.604	-8.96	-9.204
21.8	-7.976	-10.62	-8.825	-9.229
22.0	-7.931	-10.585	-8.516	-8.923
22.3	-7.787	-10.703	-8.414	-8.743
22.5	-7.762	-10.783	-8.404	-8.64
22.7	-7.648	-10.761	-8.091	-8.499
22.9	-7.657	-10.964	-7.975	-8.289
23.2	-7.682	-10.867	-7.774	-8.11
23.4	-7.691	-10.964	-7.696	-7.982
23.6	-7.723	-11.013	-7.635	-7.949
23.8	-7.770	-11.111	-7.599	-7.844
24.1	-7.809	-11.065	-7.435	-7.73
24.3	-7.785	-11.291	-7.493	-7.644
24.5	-7.904	-11.235	-7.51	-7.546
24.7	-8.109	-11.258	-7.384	-7.418
25.0	-8.200	-11.486	-7.385	-7.508
25.2	-8.283	-11.5	-7.594	-7.464
25.4	-8.344	-11.493	-7.64	-7.271
25.6	-8.430	-11.512	-7.705	-7.367
25.9	-8.594	-11.207	-7.794	-7.258
26.1	-8.499	-11.33	-7.946	-7.382
26.3	-8.675	-11.526	-8.018	-6.942
26.5	-8.696	-11.663	-8.143	-7.227
26.8	-8.744	-11.712	-8.141	-7.146
27.0	-8.807	-11.665	-8.356	-7.226
27.2	-8.905	-11.695	-8.331	-7.099
27.4	-8.978	-11.688	-8.472	-7.069
27.7	-9.071	-11.526	-8.495	-6.897
27.9	-9.193	-11.599	-8.684	-6.952
28.1	-9.308	-11.612	-8.53	-6.923
28.3	-9.365	-11.398	-8.47	-6.836
28.6	-9.495	-11.252	-8.226	-6.826
28.8	-9.556	-11.046	-8.116	-6.792
29.0	-9.674	-10.9	-7.891	-6.742
29.2	-9.785	-10.83	-7.562	-6.731
29.5	-9.702	-10.728	-7.257	-6.667
29.7	-9.708	-10.525	-7.079	-6.592
29.9	-9.804	-10.538	-6.859	-6.589
30.1	-9.755	-10.448	-6.587	-6.568
30.4	-9.689	-10.254	-6.319	-6.438
30.6	-9.706	-10.159	-6.052	-6.388
30.8	-9.553	-10.215	-5.79	-6.249
31.0	-9.516	-10.229	-5.548	-6.279
31.3	-9.422	-10.056	-5.401	-6.093
31.5	-9.296	-9.897	-5.19	-6.195
31.7	-9.256	-9.869	-4.922	-6.027
31.9	-9.357	-9.711	-4.832	-6.068
32.2	-9.240	-9.739	-4.672	-6.082
32.4	-9.326	-9.7	-4.493	-6.004
32.6	-9.312	-9.442	-4.233	-5.945
32.8	-9.433	-9.372	-4.295	-5.859
33.1	-9.553	-9.221	-4.219	-5.778
33.3	-9.480	-9.028	-4.096	-5.802
33.5	-9.756	-9.087	-4.009	-5.578
33.7	-9.874	-8.977	-3.962	-5.566
34.0	-10.008	-8.922	-3.906	-5.512
34.2	-9.887	-8.804	-3.865	-5.519
34.4	-9.787	-8.759	-3.888	-5.459
34.6	-9.605	-8.857	-3.859	-5.418
34.9	-9.558	-8.749	-3.919	-5.399
35.1	-9.596	-8.755	-3.948	-5.402
35.3	-9.431	-8.845	-3.96	-5.623
35.5	-9.435	-8.766	-3.957	-5.601
35.8	-9.413	-8.873	-4.008	-5.697
36.0	-9.388	-8.744	-4.015	-5.767
36.2	-9.180	-8.902	-4.057	-5.86
36.4	-9.268	-8.972	-4.134	-5.91
36.7	-9.362	-9.017	-4.128	-5.754
36.9	-9.394	-9.175	-4.162	-5.774
37.1	-9.399	-9.348	-4.219	-5.894
37.3	-9.390	-9.417	-4.163	-5.79
37.6	-9.422	-9.491	-4.225	-5.926
37.8	-9.540	-9.437	-4.136	-6.001
38.0	-9.570	-9.69	-4.277	-5.998
38.2	-9.571	-9.688	-4.294	-5.993
38.5	-9.547	-9.538	-4.352	-5.964
38.7	-9.658	-9.648	-4.418	-6.092
38.9	-9.628	-9.72	-4.391	-6.145
39.1	-9.666	-9.788	-4.404	-6.19
39.4	-9.875	-9.741	-4.464	-6.144

19.6	-14.828	-9.891	-4.164	-7.435
19.8	-15.231	-10.178	-4.246	-7.331
20.0	-15.752	-10.199	-4.317	-7.39
20.2	-16.056	-10.498	-4.478	-7.448
20.5	-16.414	-10.786	-4.615	-7.436
20.7	-16.983	-11.038	-4.689	-7.418
20.9	-17.404	-11.13	-4.875	-7.281
21.1	-17.605	-11.698	-4.91	-7.229
21.4	-17.854	-11.661	-5.14	-7.064
21.6	-17.621	-12.062	-5.313	-7.036
21.8	-17.551	-12.382	-5.408	-6.939
22.0	-17.077	-12.552	-5.367	-6.724
22.3	-17.271	-12.864	-5.459	-6.695
22.5	-17.191	-12.822	-5.42	-6.462
22.7	-17.099	-12.729	-5.153	-6.452
22.9	-17.271	-12.508	-5.107	-6.288
23.2	-17.34	-12.415	-5.212	-6.312
23.4	-16.958	-12.334	-4.913	-6.123
23.6	-16.797	-11.988	-4.627	-5.888
23.8	-16.933	-11.793	-4.697	-5.889
24.1	-17.079	-11.477	-4.636	-5.914
24.3	-17.473	-11.143	-4.522	-6.023
24.5	-17.931	-10.695	-4.569	-6.062
24.7	-18.453	-10.588	-4.504	-6.092
25.0	-18.999	-10.373	-4.372	-6.111
25.2	-19.375	-10.097	-4.645	-6.268
25.4	-19.298	-10.133	-4.95	-6.302
25.6	-19.073	-9.935	-4.853	-6.444
25.9	-18.823	-9.851	-4.772	-6.48
26.1	-18.408	-10.006	-5.21	-6.519
26.3	-17.967	-9.835	-5.835	-6.816
26.5	-17.865	-9.674	-6.339	-6.87
26.8	-17.429	-9.611	-6.735	-6.959
27.0	-17.225	-9.575	-6.931	-7.09
27.2	-16.929	-9.444	-7.492	-7.274
27.4	-17.025	-9.397	-8.175	-7.379
27.7	-16.62	-9.48	-8.447	-7.576
27.9	-16.522	-9.528	-8.761	-7.587
28.1	-16.246	-9.417	-8.891	-7.72
28.3	-16.237	-9.496	-9.06	-7.889
28.6	-16.126	-9.558	-9.57	-7.961
28.8	-16.282	-9.561	-9.842	-8.011
29.0	-16.065	-9.544	-10.198	-8.002
29.2	-16.148	-9.655	-10.58	-8
29.5	-16.379	-9.828	-11.192	-8.013
29.7	-16.708	-9.747	-11.302	-8.069
29.9	-16.617	-9.777	-11.733	-7.812
30.1	-17.03	-9.963	-11.735	-7.795
30.4	-17.039	-10.095	-11.821	-7.692
30.6	-16.823	-10.291	-12.097	-7.531
30.8	-17.291	-10.326	-11.306	-7.29
31.0	-17.318	-10.432	-11.065	-7.206
31.3	-17.218	-10.566	-11.626	-7.007
31.5	-17.316	-10.71	-11.786	-6.949
31.7	-17.185	-10.995	-11.479	-6.86
31.9	-17.511	-10.834	-11.221	-6.762
32.2	-17.984	-10.328	-11.348	-6.655
32.4	-18.384	-10.312	-11.449	-6.589
32.6	-18.771	-10.212	-11.47	-6.728
32.8	-18.833	-10.249	-11.267	-6.664
33.1	-18.933	-10.296	-11.362	-6.677
33.3	-18.587	-10.123	-11.346	-6.771
33.5	-18.242	-9.975	-11.053	-6.853
33.7	-18.336	-10.385	-10.695	-6.893
34.0	-18.386	-10.546	-10.133	-6.993
34.2	-18.174	-10.259	-9.271	-7.014
34.4	-18.139	-10.387	-8.83	-6.966
34.6	-17.502	-10.728	-8.027	-6.973
34.9	-17.58	-10.823	-7.448	-6.88
35.1	-17.426	-10.92	-7.055	-6.946
35.3	-17.427	-10.892	-6.577	-6.724
35.5	-16.933	-11.036	-6.057	-6.613
35.8	-16.731	-11.163	-5.533	-6.555
36.0	-16.423	-11.301	-5.454	-6.472
36.2	-16.187	-11.185	-5.2	-6.376
36.4	-15.755	-11.318	-4.87	-6.269
36.7	-15.432	-11.515	-4.679	-6.117
36.9	-15.346	-11.594	-4.691	-6.07
37.1	-15.177	-11.454	-4.954	-6.005
37.3	-14.978	-11.449	-4.928	-6.023
37.6	-15.081	-11.471	-5.067	-6.081
37.8	-14.824	-11.494	-5.357	-6.083
38.0	-14.852	-11.347	-5.924	-6.024
38.2	-15.039	-11.264	-6.302	-6.198
38.5	-14.808	-11.097	-6.359	-6.136
38.7	-14.689	-10.817	-6.782	-6.349
38.9	-14.939	-10.678	-6.914	-6.543
39.1	-15.099	-10.458	-6.769	-6.559
39.4	-15.134	-10.378	-6.767	-6.786

19.6	-8.381	-11.865	-11.729	-12.528
19.8	-8.355	-11.703	-11.503	-12.88
20.0	-8.213	-11.568	-11.742	-13.254
20.2	-8.05	-11.709	-11.907	-13.338
20.5	-7.734	-11.73	-11.964	-13.718
20.7	-7.567	-11.752	-12.238	-13.533
20.9	-7.285	-12.063	-12.369	-13.974
21.1	-6.984	-12.336	-12.649	-14.016
21.4	-6.847	-12.577	-13.006	-14
21.6	-6.668	-12.53	-13.358	-14.084
21.8	-6.447	-13.079	-13.741	-14.141
22.0	-6.228	-13.492	-13.979	-14.124
22.3	-5.995	-13.644	-14.695	-14.098
22.5	-5.984	-14.032	-15.108	-14.112
22.7	-5.808	-14.119	-15.569	-14.168
22.9	-5.77	-14.464	-15.856	-14.71
23.2	-5.649	-14.301	-16.364	-14.456
23.4	-5.579	-14.085	-16.608	-14.427
23.6	-5.448	-13.491	-16.835	-14.222
23.8	-5.411	-13.347	-16.987	-13.768
24.1	-5.455	-12.976	-17.29	-13.321
24.3	-5.414	-12.813	-17.497	-13.201
24.5	-5.554	-12.201	-17.509	-12.65
24.7	-5.627	-12.023	-17.328	-12.675
25.0	-5.712	-11.726	-16.81	-12.395
25.2	-5.846	-11.912	-17.129	-12.136
25.4	-5.962	-11.526	-16.647	-12.104
25.6	-6.109	-11.518	-16.67	-12.053
25.9	-6.387	-11.452	-15.777	-11.664
26.1	-6.661	-11.46	-16.065	-11.798
26.3	-6.864	-11.498	-15.88	-11.623
26.5	-7.155	-11.382	-15.71	-11.782
26.8	-7.433	-11.381	-15.718	-11.552
27.0	-7.767	-11.246	-15.916	-11.53
27.2	-7.933	-11.184	-15.612	-11.372
27.4	-8.27	-11.17	-15.835	-11.192
27.7	-8.577	-11.227	-16.062	-11.12
27.9	-8.812	-11.263	-16.106	-10.699
28.1	-9.027	-11.166	-15.965	-10.398
28.3	-9.168	-11.27	-15.936	-10.449
28.6	-9.356	-11.086	-16.651	-10.426
28.8	-9.36	-11.396	-16.795	-10.573
29.0	-9.334	-11.444	-16.757	-10.679
29.2	-9.276	-11.69	-17.365	-10.778
29.5	-9.148	-11.869	-18.035	-11.168
29.7	-8.957	-11.878	-18.926	-11.467
29.9	-8.706	-12.224	-19.226	-11.673
30.1	-8.591	-12.486	-19.541	-11.972
30.4	-8.364	-12.702	-19.889	-12.103
30.6	-8.356	-13.162	-19.932	-12.178
30.8	-8.186	-13.263	-20.455	-12.37
31.0	-8.088	-13.031	-20.309	-12.625
31.3	-8.015	-13.39	-20.06	-12.694
31.5	-8.072	-13.027	-19.946	-13.039
31.7	-8.044	-13.183	-19.093	-13.021
31.9	-8.056	-13.126	-18.864	-12.946
32.2	-8.144	-12.897	-17.741	-13.099
32.4	-8.209	-12.599	-17.037	-13.274
32.6	-8.299	-12.133	-16.416	-13.544
32.8	-8.566	-11.968	-15.726	-13.194
33.1	-8.711	-11.765	-15.007	-12.984
33.3	-8.985	-11.779	-14.384	-13.056
33.5	-9.17	-11.7	-14.066	-12.647
33.7	-9.417	-11.196	-14.019	-12.737
34.0	-9.71	-11.263	-13.445	-12.116
34.2	-9.977	-11.173	-13.38	-11.734
34.4	-10.321	-11.105	-13.139	-11.419
34.6	-10.81	-10.922	-12.916	-11.19
34.9	-11.043	-10.828	-13.004	-10.731
35.1	-11.602	-10.855	-12.687	-10.496
35.3	-12.064	-11.005	-12.901	-10.024
35.5	-12.536	-10.952	-13.028	-9.869
35.8	-12.751	-10.945	-13.356	-9.711
36.0	-12.976	-10.98	-13.648	-9.565
36.2	-13.204	-11.018	-13.709	-9.528
36.4	-13.484	-10.986	-13.705	-9.451
36.7	-13.623	-10.767	-14.252	-9.437
36.9	-13.487	-10.416	-14.398	-9.447
37.1	-13.514	-10.639	-14.184	-9.201
37.3	-13.406	-10.268	-14.002	-9.336
37.6	-13.205	-9.993	-13.813	-9.436
37.8	-12.98	-9.969	-13.773	-9.392
38.0	-12.775	-9.838	-13.421	-9.52
38.2	-12.361	-9.425	-13.27	-9.47
38.5	-11.888	-9.411	-13.151	-9.38
38.7	-11.704	-9.286	-12.864	-9.392
38.9	-11.265	-9.254	-12.884	-9.389
39.1	-11.055	-9.005	-12.671	-9.314
39.4	-10.724	-8.951	-12.404	-9.324

39.6	-9.833	-9.709	-4.541	-6.247
39.8	-9.964	-9.751	-4.56	-6.276
40.0	-10.014	-9.6	-4.624	-6.343
40.2	-10.204	-9.342	-4.622	-6.25
40.5	-10.158	-9.641	-4.715	-6.332
40.7	-10.185	-9.518	-4.765	-6.303
40.9	-10.449	-9.456	-4.797	-6.269
41.1	-10.582	-9.38	-4.815	-6.265
41.4	-10.758	-9.342	-4.811	-6.271
41.6	-10.843	-9.3	-4.805	-6.225
41.8	-11.009	-9.231	-4.832	-6.115
42.0	-11.042	-8.977	-4.793	-6.038
42.3	-11.110	-9	-4.818	-5.964
42.5	-11.321	-9.145	-4.731	-5.997
42.7	-11.305	-8.979	-4.716	-5.975
42.9	-11.163	-8.956	-4.576	-5.924
43.2	-11.187	-8.921	-4.547	-5.832
43.4	-11.110	-8.842	-4.38	-5.815
43.6	-11.033	-8.759	-4.302	-5.734
43.8	-10.899	-8.726	-4.125	-5.855
44.1	-10.674	-8.575	-4.04	-5.857
44.3	-10.734	-8.532	-3.898	-5.817
44.5	-10.595	-8.277	-3.804	-5.746
44.7	-10.593	-8.284	-3.655	-5.739
45.0	-10.354	-7.856	-3.496	-5.632
45.2	-10.337	-8.067	-3.431	-5.66
45.4	-10.158	-7.993	-3.191	-5.642
45.6	-10.176	-7.885	-3.124	-5.662
45.9	-10.045	-7.808	-2.974	-5.531
46.1	-9.890	-7.638	-2.88	-5.499
46.3	-9.725	-7.584	-2.81	-5.487
46.5	-9.621	-7.466	-2.628	-5.348
46.8	-9.595	-7.405	-2.636	-5.316
47.0	-9.496	-7.255	-2.571	-5.297
47.2	-9.443	-7.242	-2.541	-5.172
47.4	-9.296	-7.109	-2.489	-5.031
47.7	-9.267	-7.018	-2.472	-4.918
47.9	-9.054	-6.889	-2.515	-4.915
48.1	-9.169	-6.852	-2.478	-4.885
48.3	-9.115	-6.779	-2.401	-4.848
48.6	-8.976	-6.635	-2.462	-4.856
48.8	-9.029	-6.661	-2.507	-4.833
49.0	-8.973	-6.54	-2.484	-4.881
49.2	-8.904	-6.563	-2.462	-4.842
49.5	-8.913	-6.566	-2.451	-4.969
49.7	-8.863	-6.527	-2.428	-4.925
49.9	-8.864	-6.478	-2.379	-4.997
50.1	-8.789	-6.472	-2.301	-4.982
50.4	-8.779	-6.458	-2.247	-5.044
50.6	-8.719	-6.405	-2.193	-5.084
50.8	-8.678	-6.469	-2.112	-5.173
51.0	-8.522	-6.429	-2.018	-5.256
51.3	-8.576	-6.515	-1.898	-5.223
51.5	-8.490	-6.584	-1.831	-5.197
51.7	-8.401	-6.545	-1.719	-5.194
51.9	-8.372	-6.494	-1.696	-5.216
52.2	-8.318	-6.604	-1.636	-5.172
52.4	-8.276	-6.746	-1.544	-5.161
52.6	-8.142	-6.719	-1.517	-5.042
52.8	-8.017	-6.899	-1.529	-4.963
53.1	-7.972	-6.805	-1.592	-4.934
53.3	-7.936	-6.955	-1.605	-4.92
53.5	-7.825	-7.187	-1.644	-4.789
53.7	-7.807	-7.233	-1.679	-4.82
54.0	-7.715	-7.194	-1.664	-4.773
54.2	-7.592	-7.39	-1.625	-4.774
54.4	-7.531	-7.333	-1.739	-4.771
54.6	-7.438	-7.403	-1.816	-4.701
54.9	-7.377	-7.434	-1.859	-4.715
55.1	-7.322	-7.528	-1.813	-4.532
55.3	-7.221	-7.487	-1.851	-4.508
55.5	-7.137	-7.551	-1.912	-4.511
55.8	-7.024	-7.586	-1.836	-4.431
56.0	-7.002	-7.483	-1.893	-4.41
56.2	-6.860	-7.636	-1.826	-4.286
56.4	-6.749	-7.579	-1.775	-4.255
56.7	-6.783	-7.597	-1.721	-4.063
56.9	-6.704	-7.475	-1.672	-4.143
57.1	-6.656	-7.595	-1.669	-4.093
57.3	-6.503	-7.612	-1.601	-3.908
57.6	-6.495	-7.576	-1.557	-3.937
57.8	-6.266	-7.515	-1.566	-3.88
58.0	-6.359	-7.591	-1.518	-3.899
58.2	-6.261	-7.621	-1.582	-3.85
58.5	-6.244	-7.621	-1.538	-3.891
58.7	-6.122	-7.589	-1.549	-3.851
58.9	-6.102	-7.51	-1.582	-3.858
59.1	-6.054	-7.543	-1.608	-3.922
59.4	-6.083	-7.487	-1.627	-3.825

39.6	-15.287	-10.35	-6.708	-6.899
39.8	-15.394	-10.171	-6.65	-6.895
40.0	-15.458	-10.108	-6.665	-6.997
40.2	-15.71	-10.22	-6.748	-7.031
40.5	-15.677	-10.267	-6.67	-7.154
40.7	-15.502	-9.949	-6.591	-7.142
40.9	-15.543	-9.942	-6.712	-7.129
41.1	-15.33	-10.15	-6.707	-7.087
41.4	-15.192	-10.354	-6.731	-7.148
41.6	-14.63	-10.219	-6.729	-7.071
41.8	-14.109	-10.333	-6.766	-6.954
42.0	-13.357	-10.606	-6.869	-6.935
42.3	-13.027	-10.8	-6.991	-6.752
42.5	-12.66	-10.775	-6.894	-6.82
42.7	-12.356	-11.221	-6.987	-6.602
42.9	-11.648	-11.218	-7.046	-6.622
43.2	-11.594	-11.097	-6.954	-6.594
43.4	-11.307	-10.821	-6.858	-6.534
43.6	-11.071	-10.65	-6.724	-6.677
43.8	-10.897	-10.466	-6.694	-6.472
44.1	-10.8	-10.326	-6.599	-6.709
44.3	-10.565	-10.099	-6.406	-6.638
44.5	-10.468	-10.159	-6.327	-6.815
44.7	-10.534	-9.849	-6.198	-6.836
45.0	-10.393	-9.904	-6.068	-7.048
45.2	-10.462	-9.662	-5.967	-7.121
45.4	-10.44	-9.522	-5.82	-7.19
45.6	-10.365	-9.45	-5.656	-7.325
45.9	-10.407	-9.222	-5.643	-7.323
46.1	-10.46	-9.243	-5.536	-7.414
46.3	-10.584	-9.226	-5.36	-7.39
46.5	-10.571	-9.053	-5.64	-7.348
46.8	-10.515	-8.864	-5.585	-7.265
47.0	-10.432	-8.964	-5.583	-7.32
47.2	-10.673	-8.854	-5.797	-7.295
47.4	-10.884	-8.741	-5.717	-7.302
47.7	-10.904	-8.746	-5.841	-7.218
47.9	-11.218	-8.821	-6.131	-7.193
48.1	-11.463	-8.779	-6.128	-7.187
48.3	-11.452	-8.882	-6.451	-6.988
48.6	-11.812	-9.065	-6.598	-7.058
48.8	-12.073	-9.009	-6.832	-7.002
49.0	-12.006	-9.278	-7.124	-6.918
49.2	-12.12	-9.462	-7.349	-6.996
49.5	-12.223	-9.743	-7.626	-6.879
49.7	-12.403	-10.01	-8.03	-6.884
49.9	-12.219	-10.286	-8.061	-6.927
50.1	-12.182	-10.642	-8.463	-6.877
50.4	-12.111	-10.664	-8.378	-6.805
50.6	-11.815	-11.13	-8.207	-6.936
50.8	-11.726	-11.435	-8.149	-6.903
51.0	-11.51	-11.685	-8.32	-6.985
51.3	-11.402	-11.994	-7.974	-6.904
51.5	-11.241	-12.337	-8.069	-7.066
51.7	-11.141	-12.486	-7.973	-7.104
51.9	-10.978	-12.345	-7.926	-7.096
52.2	-10.733	-12.703	-7.965	-7.217
52.4	-10.776	-12.875	-7.858	-7.124
52.6	-10.783	-12.743	-7.827	-6.985
52.8	-10.59	-12.563	-7.954	-6.849
53.1	-10.367	-12.44	-8.088	-6.857
53.3	-10.418	-12.394	-8.068	-6.765
53.5	-10.34	-12.009	-7.935	-6.614
53.7	-10.149	-11.841	-8.272	-6.566
54.0	-10.271	-11.55	-8.513	-6.62
54.2	-10.237	-11.585	-8.536	-6.483
54.4	-10.053	-11.222	-8.58	-6.569
54.6	-10.065	-11.324	-8.591	-6.522
54.9	-9.893	-11.094	-8.75	-6.519
55.1	-9.74	-10.922	-8.796	-6.635
55.3	-9.619	-11.022	-8.644	-6.665
55.5	-9.355	-11.16	-8.615	-6.652
55.8	-9.173	-11.084	-8.526	-6.802
56.0	-8.931	-11.067	-8.385	-6.839
56.2	-8.919	-11.261	-8.4	-7.025
56.4	-8.575	-11.182	-8.29	-7.112
56.7	-8.374	-11.475	-8.223	-7.137
56.9	-8.349	-11.657	-8.286	-7.091
57.1	-8.316	-11.762	-8.162	-7.242
57.3	-8.334	-11.894	-8.159	-7.355
57.6	-8.119	-11.918	-8.223	-7.416
57.8	-8.248	-12.098	-8.289	-7.446
58.0	-8.197	-12.12	-8.444	-7.516
58.2	-8.213	-12.084	-8.541	-7.545
58.5	-8.317	-12.167	-8.582	-7.497
58.7	-8.178	-12.167	-8.65	-7.481
58.9	-8.444	-12.267	-8.973	-7.396
59.1	-8.435	-12.128	-9.252	-7.275
59.4	-8.558	-11.969	-9.126	-7.286

39.6	-10.406	-9.024	-12.425	-9.164
39.8	-10.215	-9.081	-12.352	-9.266
40.0	-9.921	-9.02	-12.368	-9.098
40.2	-9.759	-8.946	-12.26	-8.886
40.5	-9.68	-9.039	-12.138	-8.889
40.7	-9.494	-9.005	-12.333	-8.71
40.9	-9.25	-8.996	-12.319	-8.735
41.1	-9.094	-9.013	-12.186	-8.456
41.4	-8.979	-8.953	-12.118	-8.498
41.6	-8.843	-8.779	-12.068	-8.34
41.8	-8.683	-8.762	-12.007	-8.195
42.0	-8.693	-8.687	-11.944	-8.126
42.3	-8.424	-8.709	-11.891	-8.085
42.5	-8.438	-8.637	-11.545	-7.967
42.7	-8.364	-8.681	-11.864	-7.874
42.9	-8.353	-8.647	-11.878	-7.83
43.2	-8.301	-8.443	-11.814	-7.69
43.4	-8.23	-8.534	-11.919	-7.753
43.6	-8.259	-8.643	-11.974	-7.735
43.8	-8.25	-8.729	-11.966	-7.729
44.1	-8.108	-8.513	-11.957	-7.585
44.3	-8.082	-8.752	-11.905	-7.493
44.5	-8.122	-8.823	-11.909	-7.423
44.7	-7.981	-8.859	-12.047	-7.295
45.0	-7.774	-8.837	-12.056	-7.121
45.2	-7.79	-8.87	-11.917	-6.874
45.4	-7.606	-8.784	-11.763	-6.603
45.6	-7.44	-8.738	-11.552	-6.4
45.9	-7.351	-8.607	-11.247	-6.173
46.1	-7.112	-8.419	-11.282	-5.833
46.3	-7.135	-8.309	-10.943	-5.656
46.5	-6.91	-8.196	-10.672	-5.303
46.8	-6.911	-7.902	-10.786	-4.864
47.0	-6.758	-7.75	-10.581	-4.708
47.2	-6.665	-7.398	-10.318	-4.479
47.4	-6.49	-7.237	-10.369	-4.299
47.7	-6.334	-7.17	-10.421	-4.205
47.9	-6.209	-6.986	-10.331	-4.053
48.1	-6.139	-6.831	-10.38	-3.965
48.3	-6.004	-6.78	-10.443	-3.909
48.6	-5.889	-6.783	-10.554	-3.885
48.8	-5.851	-6.764	-10.431	-3.868
49.0	-5.68	-6.665	-10.444	-3.981
49.2	-5.682	-6.644	-10.794	-4.039
49.5	-5.614	-6.578	-10.856	-3.999
49.7	-5.532	-6.621	-10.884	-4.06
49.9	-5.537	-6.622	-11.01	-4.141
50.1	-5.413	-6.583	-10.841	-4.097
50.4	-5.574	-6.619	-10.741	-4.182
50.6	-5.562	-6.599	-10.703	-4.063
50.8	-5.599	-6.549	-10.564	-4.089
51.0	-5.553	-6.621	-10.426	-4.123
51.3	-5.631	-6.584	-10.358	-3.914
51.5	-5.621	-6.625	-10.278	-3.852
51.7	-5.585	-6.502	-10.012	-3.713
51.9	-5.541	-6.437	-10.169	-3.567
52.2	-5.585	-6.344	-10.161	-3.391
52.4	-5.644	-6.213	-10.276	-3.298
52.6	-5.746	-6.203	-10.192	-3.151
52.8	-5.765	-6.142	-10.322	-3.084
53.1	-5.821	-5.934	-10.1	-2.992
53.3	-5.875	-5.958	-10.382	-2.999
53.5	-5.902	-5.865	-10.311	-2.894
53.7	-6.007	-5.842	-10.322	-2.869
54.0	-6.034	-5.815	-10.215	-2.953
54.2	-6.242	-5.751	-10.139	-2.957
54.4	-6.345	-5.712	-10.295	-2.907
54.6	-6.283	-5.652	-10.133	-2.968
54.9	-6.575	-5.594	-9.947	-2.926
55.1	-6.69	-5.563	-9.87	-2.838
55.3	-6.872	-5.415	-9.688	-2.868
55.5	-6.985	-5.356	-9.618	-2.853
55.8	-7.171	-5.393	-9.375	-2.868
56.0	-7.439	-5.43	-9.15	-2.771
56.2	-7.64	-5.334	-8.987	-2.685
56.4	-7.743	-5.357	-8.934	-2.598
56.7	-7.956	-5.219	-8.814	-2.58
56.9	-8.132	-5.263	-8.781	-2.565
57.1	-8.192	-5.258	-8.769	-2.452
57.3	-8.217	-5.179	-8.783	-2.282
57.6	-8.263	-5.059	-8.816	-2.336
57.8	-8.203	-5.077	-8.9	-2.258
58.0	-8.18	-4.9	-8.897	-2.186
58.2	-8.039	-4.895	-8.977	-2.123
58.5	-7.917	-4.832	-9.199	-2.096
58.7	-7.792	-4.792	-9.272	-2.035
58.9	-7.712	-4.694	-9.368	-1.976
59.1	-7.603	-4.683	-9.393	-1.909
59.4	-7.519	-4.638	-9.551	-1.884

59.6	-6.015	-7.391	-1.63	-3.88
59.8	-6.085	-7.315	-1.674	-3.94
60.0	-6.075	-7.261	-1.668	-3.965
60.3	-6.157	-7.256	-1.66	-3.981
60.5	-6.167	-7.225	-1.605	-4.061
60.7	-6.099	-7.046	-1.619	-4.143
60.9	-6.191	-7.125	-1.569	-4.197
61.2	-6.287	-7.099	-1.492	-4.243
61.4	-6.362	-7.058	-1.43	-4.241
61.6	-6.416	-6.9	-1.402	-4.194
61.8	-6.493	-6.913	-1.343	-4.249
62.1	-6.485	-6.85	-1.206	-4.288
62.3	-6.670	-6.851	-1.206	-4.243
62.5	-6.710	-6.823	-1.187	-4.182
62.7	-6.800	-6.593	-1.163	-4.204
63.0	-6.873	-6.734	-1.076	-4.106
63.2	-6.835	-6.748	-1.089	-3.969
63.4	-6.951	-6.752	-1.106	-3.897
63.6	-7.025	-6.707	-1.064	-3.983
63.9	-6.958	-6.724	-1.075	-3.836
64.1	-7.065	-6.721	-1.124	-3.86
64.3	-7.108	-6.761	-1.143	-3.863
64.5	-7.016	-6.659	-1.167	-3.77
64.8	-7.114	-6.593	-1.15	-3.754
65.0	-7.046	-6.656	-1.171	-3.836
65.2	-7.098	-6.608	-1.199	-3.757
65.4	-7.074	-6.565	-1.232	-3.729
65.7	-7.020	-6.462	-1.257	-3.716
65.9	-6.988	-6.475	-1.235	-3.67
66.1	-6.891	-6.44	-1.267	-3.617
66.3	-6.881	-6.214	-1.185	-3.644
66.6	-6.847	-6.281	-1.203	-3.564
66.8	-6.799	-6.183	-1.109	-3.473
67.0	-6.711	-6.179	-1.07	-3.451
67.2	-6.689	-6.166	-1.016	-3.448
67.5	-6.570	-6.001	-0.909	-3.349
67.7	-6.530	-5.926	-0.867	-3.379
67.9	-6.417	-5.85	-0.712	-3.263
68.1	-6.351	-5.809	-0.712	-3.173
68.4	-6.312	-5.699	-0.656	-3.127
68.6	-6.265	-5.557	-0.573	-3.022
68.8	-6.145	-5.432	-0.475	-3.018
69.0	-5.990	-5.387	-0.46	-2.927
69.3	-5.997	-5.178	-0.436	-2.962
69.5	-5.871	-5.209	-0.404	-2.916
69.7	-5.839	-5.099	-0.284	-2.939
69.9	-5.707	-4.902	-0.275	-2.908
70.2	-5.655	-4.951	-0.326	-2.868
70.4	-5.572	-4.814	-0.297	-2.882
70.6	-5.381	-4.759	-0.266	-2.826
70.8	-5.319	-4.609	-0.258	-2.851
71.1	-5.234	-4.566	-0.281	-2.815
71.3	-5.059	-4.38	-0.298	-2.79
71.5	-4.989	-4.356	-0.321	-2.835
71.7	-4.902	-4.27	-0.321	-2.751
72.0	-4.847	-4.107	-0.338	-2.761
72.2	-4.784	-4.057	-0.402	-2.768
72.4	-4.711	-3.968	-0.36	-2.711
72.6	-4.676	-3.968	-0.436	-2.76
72.9	-4.598	-3.93	-0.416	-2.657
73.1	-4.641	-3.735	-0.417	-2.701
73.3	-4.592	-3.77	-0.413	-2.614
73.5	-4.489	-3.727	-0.496	-2.633
73.8	-4.554	-3.658	-0.499	-2.564
74.0	-4.529	-3.641	-0.46	-2.483
74.2	-4.471	-3.559	-0.511	-2.51
74.4	-4.442	-3.48	-0.497	-2.443
74.7	-4.414	-3.473	-0.444	-2.452
74.9	-4.382	-3.411	-0.342	-2.491
75.1	-4.332	-3.353	-0.403	-2.463
75.3	-4.280	-3.292	-0.435	-2.474
75.6	-4.254	-3.314	-0.415	-2.419
75.8	-4.133	-3.25	-0.395	-2.391
76.0	-4.090	-3.214	-0.422	-2.351
76.2	-4.054	-3.109	-0.458	-2.272
76.5	-3.905	-3.12	-0.434	-2.178
76.7	-3.877	-3.149	-0.416	-2.094
76.9	-3.756	-3.039	-0.452	-1.883
77.1	-3.707	-3.048	-0.415	-1.927
77.4	-3.663	-3.009	-0.362	-1.753
77.6	-3.489	-2.948	-0.363	-1.626
77.8	-3.484	-2.964	-0.323	-1.559
78.0	-3.359	-2.95	-0.236	-1.413
78.3	-3.292	-2.97	-0.07	-1.368
78.5	-3.220	-2.9	0.013	-1.161
78.7	-3.145	-2.899	0.197	-1.107
78.9	-3.095	-2.929	0.334	-1.008
79.2	-3.035	-2.956	0.444	-0.919
79.4	-2.966	-2.99	0.536	-0.859

59.6	-8.663	-11.955	-9.427	-7.251
59.8	-8.747	-11.769	-9.136	-7.111
60.0	-8.75	-11.626	-9.019	-7.026
60.3	-8.799	-11.557	-8.918	-7.024
60.5	-8.846	-11.478	-8.805	-7.055
60.7	-8.917	-11.388	-8.626	-6.927
60.9	-8.841	-11.376	-8.56	-7.038
61.2	-8.802	-11.324	-8.595	-7.029
61.4	-8.732	-11.447	-8.379	-7.161
61.6	-8.553	-11.409	-8.263	-7.301
61.8	-8.357	-11.403	-8.309	-7.303
62.1	-8.216	-11.581	-8.662	-7.131
62.3	-8.066	-11.646	-8.705	-7.069
62.5	-7.853	-11.844	-8.887	-7.121
62.7	-7.62	-11.829	-8.744	-6.99
63.0	-7.458	-11.934	-8.641	-6.738
63.2	-7.304	-12.128	-8.51	-6.715
63.4	-7.185	-12.342	-8.233	-6.477
63.6	-7.091	-12.489	-8.162	-6.428
63.9	-7.002	-12.599	-8.093	-6.447
64.1	-6.988	-12.716	-7.995	-6.467
64.3	-6.941	-12.6	-8.013	-6.328
64.5	-7.029	-12.854	-7.936	-6.418
64.8	-6.991	-12.862	-8.034	-6.355
65.0	-7.035	-12.439	-8.162	-6.336
65.2	-7.223	-12.414	-8.455	-6.386
65.4	-7.426	-12.289	-8.442	-6.422
65.7	-7.515	-12.056	-8.821	-6.339
65.9	-7.633	-11.879	-9.461	-6.39
66.1	-7.816	-11.901	-9.647	-6.472
66.3	-8.026	-11.822	-9.294	-6.558
66.6	-8.272	-11.869	-9.172	-6.625
66.8	-8.295	-11.851	-8.845	-6.703
67.0	-8.502	-11.764	-8.9	-6.772
67.2	-8.764	-11.779	-8.681	-6.878
67.5	-8.784	-11.854	-8.232	-6.941
67.7	-8.884	-11.861	-8.036	-7.051
67.9	-8.835	-11.999	-7.878	-7.094
68.1	-8.905	-11.882	-7.831	-7.188
68.4	-9.026	-11.89	-7.799	-7.323
68.6	-8.96	-11.516	-7.624	-7.453
68.8	-8.828	-11.89	-7.391	-7.627
69.0	-8.807	-11.876	-7.311	-7.759
69.3	-8.651	-11.875	-7.234	-7.87
69.5	-8.578	-11.862	-7.234	-7.875
69.7	-8.333	-11.926	-6.976	-7.819
69.9	-8.071	-11.663	-7.072	-7.919
70.2	-7.886	-11.424	-7.234	-7.921
70.4	-7.708	-11.397	-7.159	-7.792
70.6	-7.505	-11.374	-6.952	-7.899
70.8	-7.337	-11.129	-7.064	-7.82
71.1	-7.312	-10.822	-7.394	-7.776
71.3	-7.129	-10.9	-7.443	-7.758
71.5	-7.077	-10.772	-7.61	-7.642
71.7	-7.003	-10.635	-7.55	-7.539
72.0	-6.858	-10.466	-7.816	-7.534
72.2	-6.793	-10.683	-7.919	-7.543
72.4	-6.814	-10.562	-7.971	-7.55
72.6	-6.834	-10.67	-8.34	-7.545
72.9	-6.694	-10.783	-8.464	-7.504
73.1	-6.665	-10.939	-8.224	-7.535
73.3	-6.695	-10.929	-8.712	-7.431
73.5	-6.642	-11.117	-8.792	-7.313
73.8	-6.578	-10.966	-8.697	-7.358
74.0	-6.664	-11.275	-8.549	-7.362
74.2	-6.674	-11.236	-8.523	-7.425
74.4	-6.775	-11.143	-8.2	-7.35
74.7	-6.917	-11.059	-8.218	-7.309
74.9	-7.024	-10.889	-8.073	-7.214
75.1	-7.218	-10.839	-7.996	-7.307
75.3	-7.398	-10.442	-7.99	-7.161
75.6	-7.66	-10.495	-7.998	-7.059
75.8	-7.817	-10.319	-7.869	-6.979
76.0	-8.201	-10.06	-7.929	-6.838
76.2	-8.557	-9.913	-8.253	-6.659
76.5	-8.823	-9.696	-8.464	-6.681
76.7	-9.251	-9.507	-8.529	-6.569
76.9	-9.795	-9.38	-8.643	-6.494
77.1	-10.141	-9.208	-9.129	-6.509
77.4	-10.73	-9.028	-9.462	-6.416
77.6	-11.04	-9.021	-9.762	-6.242
77.8	-11.603	-8.71	-10.248	-6.303
78.0	-12.073	-8.588	-10.404	-6.115
78.3	-12.236	-8.396	-10.82	-6.028
78.5	-12.409	-8.454	-10.911	-6
78.7	-12.422	-8.32	-11.402	-5.893
78.9	-12.095	-8.296	-11.612	-5.819
79.2	-11.581	-8.159	-11.78	-5.654
79.4	-11.32	-8.062	-11.519	-5.671

59.6	-7.419	-4.503	-9.675	-1.782
59.8	-7.321	-4.637	-9.788	-1.764
60.0	-7.246	-4.639	-9.663	-1.674
60.3	-7.143	-4.68	-9.74	-1.672
60.5	-7.008	-4.714	-9.824	-1.593
60.7	-7.03	-4.694	-9.645	-1.629
60.9	-6.926	-4.638	-9.361	-1.627
61.2	-6.853	-4.713	-9.183	-1.633
61.4	-6.866	-4.728	-9.122	-1.584
61.6	-6.871	-4.739	-9.066	-1.551
61.8	-6.785	-4.708	-8.838	-1.626
62.1	-6.856	-4.676	-8.606	-1.567
62.3	-6.786	-4.746	-8.659	-1.533
62.5	-6.816	-4.669	-8.484	-1.518
62.7	-6.785	-4.622	-8.176	-1.529
63.0	-6.804	-4.628	-8.291	-1.465
63.2	-6.746	-4.536	-8.223	-1.467
63.4	-6.63	-4.381	-8.268	-1.401
63.6	-6.591	-4.312	-8.203	-1.351
63.9	-6.525	-4.219	-8.109	-1.358
64.1	-6.472	-4.146	-8.079	-1.297
64.3	-6.191	-4.148	-8.268	-1.276
64.5	-6.335	-4.091	-8.411	-1.194
64.8	-6.287	-4.026	-8.359	-1.178
65.0	-6.194	-3.979	-8.365	-1.123
65.2	-6.151	-3.942	-8.57	-1.121
65.4	-5.981	-3.837	-8.746	-1.026
65.7	-6.057	-3.844	-8.848	-0.967
65.9	-5.952	-3.852	-8.817	-0.98
66.1	-5.907	-3.732	-8.857	-1.047
66.3	-5.93	-3.669	-8.953	-0.921
66.6	-5.904	-3.505	-9.285	-0.947
66.8	-5.827	-3.649	-9.359	-0.963
67.0	-5.798	-3.529	-9.216	-1.019
67.2	-5.744	-3.558	-9.435	-0.98
67.5	-5.68	-3.501	-9.886	-0.928
67.7	-5.696	-3.46	-9.712	-0.953
67.9	-5.667	-3.336	-9.587	-0.988
68.1	-5.563	-3.378	-9.754	-0.955
68.4	-5.55	-3.258	-9.869	-0.902
68.6	-5.357	-3.24	-9.954	-0.928
68.8	-5.484	-3.231	-9.909	-0.877
69.0	-5.369	-3.164	-9.876	-0.844
69.3	-5.278	-3.124	-9.787	-0.844
69.5	-5.178	-3.058	-9.861	-0.715
69.7	-5.042	-3.032	-9.771	-0.712
69.9	-4.949	-3.014	-9.594	-0.726
70.2	-4.876	-2.948	-9.45	-0.744
70.4	-4.769	-2.842	-9.458	-0.7
70.6	-4.663	-2.914	-9.297	-0.72
70.8	-4.617	-2.884	-9.117	-0.721
71.1	-4.598	-2.936	-9.132	-0.697
71.3	-4.531	-2.873	-8.969	-0.684
71.5	-4.547	-2.958	-8.67	-0.675
71.7	-4.518	-2.871	-8.769	-0.62
72.0	-4.556	-2.891	-8.313	-0.586
72.2	-4.64	-2.79	-8.276	-0.608
72.4	-4.728	-2.789	-8.291	-0.577
72.6	-4.795	-2.771	-8.258	-0.488
72.9	-4.84	-2.743	-7.949	-0.531
73.1	-5.016	-2.691	-7.874	-0.495
73.3	-5.197	-2.644	-8	-0.478
73.5	-5.274	-2.645	-7.963	-0.411
73.8	-5.371	-2.615	-7.924	-0.463
74.0	-5.535	-2.582	-7.792	-0.526
74.2	-5.662	-2.587	-7.963	-0.401
74.4	-5.79	-2.554	-8.216	-0.445
74.7	-5.955	-2.425	-8.216	-0.445
74.9	-6.014	-2.407	-8.245	-0.417
75.1	-6.102	-2.355	-8.612	-0.411
75.3	-6.151	-2.307	-8.779	-0.376
75.6	-6.217	-2.083	-8.829	-0.355
75.8	-6.116	-2.158	-9.012	-0.327
76.0	-6.068	-2.054	-9.117	-0.32
76.2	-6.004	-1.93	-9.304	-0.276
76.5	-6.024	-1.894	-9.429	-0.36
76.7	-5.934	-1.78	-9.416	-0.302
76.9	-5.893	-1.772	-9.573	-0.363
77.1	-5.895	-1.7	-9.602	-0.392
77.4	-5.873	-1.639	-9.683	-0.419
77.6	-5.91	-1.642	-9.664	-0.44
77.8	-5.974	-1.624	-9.669	-0.434
78.0	-6.042	-1.6	-9.961	-0.433
78.3	-6.17	-1.529	-9.87	-0.489
78.5	-6.279	-1.506	-9.777	-0.48
78.7	-6.284	-1.52	-9.958	-0.412
78.9	-6.439	-1.51	-10.236	-0.4
79.2	-6.505	-1.473	-10.226	-0.423
79.4	-6.475	-1.522	-10.313	-0.359

79.6	-2.934	-2.922	0.724	-0.736
79.8	-2.807	-3.011	0.855	-0.681
80.0	-2.852	-3.103	1.011	-0.632
80.3	-2.760	-3.143	1.124	-0.505
80.5	-2.772	-3.118	1.198	-0.503
80.7	-2.732	-3.181	1.332	-0.393
80.9	-2.713	-3.25	1.47	-0.381
81.2	-2.664	-3.272	1.534	-0.315
81.4	-2.664	-3.308	1.611	-0.226
81.6	-2.582	-3.347	1.675	-0.206
81.8	-2.590	-3.3	1.778	-0.131
82.1	-2.547	-3.375	1.814	-0.102
82.3	-2.521	-3.3	1.865	-0.009
82.5	-2.484	-3.275	1.884	-0.004
82.7	-2.500	-3.283	1.902	-0.003
83.0	-2.486	-3.275	1.95	0.01
83.2	-2.427	-3.19	1.965	0.073
83.4	-2.428	-3.167	1.972	0.093
83.6	-2.417	-3.118	2.007	0.108
83.9	-2.404	-3.014	2.052	0.119
84.1	-2.407	-2.883	1.999	0.152
84.3	-2.416	-2.884	2.026	0.106
84.5	-2.403	-2.86	2.016	0.094
84.8	-2.384	-2.765	2	0.131
85.0	-2.386	-2.734	2.014	0.11
85.2	-2.355	-2.62	1.994	0.171
85.4	-2.340	-2.458	1.961	0.151
85.7	-2.300	-2.537	1.997	0.182
85.9	-2.275	-2.407	1.969	0.198
86.1	-2.210	-2.393	1.991	0.243
86.3	-2.197	-2.286	1.967	0.273
86.6	-2.177	-2.278	1.941	0.26
86.8	-2.156	-2.266	1.966	0.32
87.0	-2.105	-2.216	2.016	0.376
87.2	-2.064	-2.218	1.94	0.435
87.5	-1.976	-2.202	1.989	0.503
87.7	-1.880	-2.186	1.899	0.534
87.9	-1.906	-2.166	1.897	0.585
88.1	-1.801	-2.192	1.865	0.576
88.4	-1.728	-2.145	1.84	0.669
88.6	-1.701	-2.182	1.836	0.611
88.8	-1.639	-2.202	1.872	0.663
89.0	-1.548	-2.248	1.864	0.712
89.3	-1.417	-2.218	1.906	0.678
89.5	-1.401	-2.226	1.947	0.644
89.7	-1.238	-2.252	2.009	0.68
89.9	-1.222	-2.316	2.045	0.664
90.2	-1.135	-2.316	2.121	0.689
90.4	-1.099	-2.365	2.156	0.632
90.6	-1.055	-2.38	2.235	0.623
90.8	-1.019	-2.427	2.257	0.581
91.1	-0.998	-2.424	2.315	0.57
91.3	-0.964	-2.383	2.346	0.548
91.5	-0.950	-2.386	2.356	0.551
91.7	-0.964	-2.366	2.349	0.466
92.0	-0.937	-2.349	2.377	0.461
92.2	-0.955	-2.385	2.341	0.408
92.4	-0.913	-2.22	2.311	0.374
92.6	-0.997	-2.325	2.31	0.388
92.9	-1.016	-2.324	2.288	0.376
93.1	-1.068	-2.204	2.252	0.297
93.3	-1.084	-2.257	2.233	0.312
93.5	-1.141	-2.196	2.199	0.265
93.8	-1.138	-2.18	2.079	0.254
94.0	-1.263	-2.196	2.026	0.149
94.2	-1.327	-2.195	1.978	0.12
94.4	-1.417	-2.171	1.886	0.09
94.7	-1.461	-2.109	1.867	-0.005
94.9	-1.496	-2.162	1.767	-0.041
95.1	-1.645	-2.124	1.745	0.012
95.3	-1.699	-2.072	1.689	-0.112
95.6	-1.817	-2.066	1.682	-0.105
95.8	-1.853	-2.052	1.636	-0.115
96.0	-1.879	-2.097	1.631	-0.09
96.2	-1.907	-2.087	1.647	-0.093
96.5	-2.025	-2.129	1.591	-0.07
96.7	-2.045	-2.123	1.608	-0.013
96.9	-2.018	-2.113	1.608	0.023
97.1	-2.057	-2.141	1.581	0.113
97.4	-1.983	-2.166	1.559	0.19
97.6	-1.901	-2.141	1.581	0.209
97.8	-1.887	-2.177	1.607	0.251
98.0	-1.830	-2.177	1.601	0.326
98.3	-1.672	-2.243	1.628	0.407
98.5	-1.592	-2.329	1.626	0.468
98.7	-1.510	-2.36	1.642	0.466
98.9	-1.398	-2.474	1.711	0.504
99.2	-1.341	-2.523	1.735	0.494
99.4	-1.301	-2.566	1.753	0.501

79.6	-10.898	-7.994	-12.241	-5.63
79.8	-10.388	-7.85	-12.468	-5.592
80.0	-9.927	-7.78	-12.814	-5.584
80.3	-9.672	-7.698	-13.237	-5.413
80.5	-9.335	-7.667	-13.425	-5.442
80.7	-8.937	-7.502	-13.144	-5.521
80.9	-8.796	-7.537	-12.877	-5.432
81.2	-8.432	-7.276	-12.547	-5.482
81.4	-8.316	-7.312	-12.286	-5.539
81.6	-8.193	-7.308	-12.126	-5.507
81.8	-7.926	-7.304	-11.762	-5.535
82.1	-7.806	-7.325	-11.461	-5.568
82.3	-7.703	-7.342	-11.36	-5.549
82.5	-7.633	-7.497	-11.052	-5.68
82.7	-7.558	-7.551	-10.721	-5.721
83.0	-7.426	-7.622	-10.548	-5.83
83.2	-7.291	-7.764	-10.251	-5.988
83.4	-7.174	-7.739	-10.309	-6.076
83.6	-7.07	-7.977	-10.089	-6.247
83.9	-6.873	-8.099	-9.817	-6.217
84.1	-6.696	-8.216	-9.875	-6.402
84.3	-6.676	-8.387	-9.871	-6.49
84.5	-6.644	-8.525	-9.662	-6.509
84.8	-6.444	-8.733	-9.522	-6.644
85.0	-6.376	-8.743	-9.457	-6.524
85.2	-6.339	-8.729	-9.324	-6.509
85.4	-6.381	-8.694	-9.024	-6.365
85.7	-6.383	-8.851	-8.932	-6.146
85.9	-6.342	-8.667	-8.734	-6.114
86.1	-6.256	-8.674	-8.726	-5.841
86.3	-6.383	-8.72	-8.65	-5.916
86.6	-6.394	-8.723	-8.329	-5.78
86.8	-6.454	-8.683	-8.066	-5.763
87.0	-6.519	-8.835	-8.161	-5.837
87.2	-6.522	-8.935	-7.966	-5.918
87.5	-6.657	-8.96	-7.786	-5.968
87.7	-6.785	-9.042	-7.88	-6.18
87.9	-6.854	-9.334	-7.331	-6.315
88.1	-6.97	-9.507	-7.338	-6.426
88.4	-7.069	-9.713	-7.572	-6.617
88.6	-7.147	-9.966	-7.205	-6.797
88.8	-7.146	-10.078	-7.123	-6.877
89.0	-7.23	-10.587	-7.256	-6.857
89.3	-7.305	-10.707	-7.32	-6.979
89.5	-7.143	-10.902	-7.34	-6.967
89.7	-7.181	-11.158	-6.804	-7.038
89.9	-6.964	-11.375	-6.808	-6.919
90.2	-6.899	-11.637	-7.381	-7.129
90.4	-6.852	-11.66	-7.64	-7.34
90.6	-6.682	-11.746	-7.813	-7.567
90.8	-6.755	-12.05	-8.391	-7.578
91.1	-6.708	-11.918	-8.376	-8.045
91.3	-6.701	-11.948	-8.44	-8.315
91.5	-6.752	-12.247	-8.505	-8.545
91.7	-6.583	-12.212	-8.302	-8.828
92.0	-6.716	-12.355	-8.01	-9.017
92.2	-6.709	-12.147	-7.782	-9.008
92.4	-6.795	-12.261	-7.549	-9.079
92.6	-6.723	-12.403	-7.31	-9.164
92.9	-6.841	-12.615	-7.177	-9.112
93.1	-6.867	-12.556	-6.696	-9.046
93.3	-6.927	-12.444	-6.638	-8.877
93.5	-7.065	-12.519	-6.569	-8.81
93.8	-7.063	-12.708	-6.303	-8.701
94.0	-7.13	-12.489	-6.085	-8.499
94.2	-7.267	-12.394	-6.082	-8.385
94.4	-7.282	-12.12	-6.032	-8.063
94.7	-7.428	-11.799	-5.846	-7.918
94.9	-7.445	-11.562	-5.758	-7.744
95.1	-7.443	-11.142	-5.638	-7.568
95.3	-7.518	-10.758	-5.653	-7.35
95.6	-7.542	-10.419	-5.577	-7.488
95.8	-7.481	-9.894	-5.605	-7.505
96.0	-7.444	-9.247	-5.583	-7.597
96.2	-7.367	-9.207	-5.508	-7.79
96.5	-7.431	-8.856	-5.561	-8.09
96.7	-7.381	-8.623	-5.598	-8.202
96.9	-7.354	-8.219	-5.525	-8.415
97.1	-7.304	-7.896	-5.558	-8.519
97.4	-7.211	-7.758	-5.464	-8.424
97.6	-7.171	-7.611	-5.405	-8.13
97.8	-7.12	-7.253	-5.252	-7.914
98.0	-7.052	-7.261	-5.089	-7.429
98.3	-6.921	-7.199	-4.956	-7.067
98.5	-6.797	-7.119	-4.72	-6.82
98.7	-6.659	-6.997	-4.541	-6.454
98.9	-6.48	-7.073	-4.342	-6.313
99.2	-6.319	-6.872	-4.194	-6.122
99.4	-6.176	-7.022	-4.067	-6.124

79.6	-6.464	-1.545	-10.495	-0.369
79.8	-6.579	-1.537	-10.979	-0.351
80.0	-6.516	-1.56	-10.949	-0.339
80.3	-6.487	-1.601	-11.04	-0.345
80.5	-6.384	-1.611	-11.185	-0.298
80.7	-6.317	-1.622	-11.424	-0.304
80.9	-6.196	-1.694	-11.309	-0.243
81.2	-6.171	-1.75	-11.397	-0.298
81.4	-6.093	-1.761	-11.223	-0.268
81.6	-5.946	-1.793	-11.251	-0.27
81.8	-5.987	-1.789	-11.227	-0.23
82.1	-6.042	-1.798	-11.088	-0.202
82.3	-6.149	-1.819	-11.091	-0.199
82.5	-6.238	-1.854	-10.914	-0.167
82.7	-6.417	-1.877	-10.466	-0.187
83.0	-6.593	-1.9	-10.58	-0.17
83.2	-6.494	-1.861	-10.555	-0.112
83.4	-6.37	-1.906	-10.283	-0.087
83.6	-6.361	-1.952	-10.342	-0.018
83.9	-6.241	-1.941	-10.247	0.038
84.1	-6.111	-1.973	-10.15	-0.022
84.3	-6.069	-1.972	-10.182	0.046
84.5	-5.969	-1.97	-10.286	0.159
84.8	-6.065	-1.98	-10.214	0.14
85.0	-5.975	-1.917	-10.224	0.169
85.2	-5.951	-1.947	-10.082	0.254
85.4	-5.98	-1.922	-10.277	0.243
85.7	-6.006	-1.87	-10.386	0.276
85.9	-6.021	-1.866	-10.236	0.288
86.1	-6.057	-1.808	-10.134	0.304
86.3	-6.04	-1.821	-10.232	0.328
86.6	-6.146	-1.778	-10.041	0.33
86.8	-6.228	-1.728	-9.856	0.332
87.0	-6.322	-1.719	-9.874	0.444
87.2	-6.381	-1.706	-9.78	0.348
87.5	-6.529	-1.678	-9.665	0.365
87.7	-6.624	-1.592	-9.66	0.404
87.9	-6.707	-1.534	-9.479	0.414
88.1	-6.704	-1.551	-9.19	0.398
88.4	-6.659	-1.461	-9.335	0.42
88.6	-6.703	-1.409	-9.215	0.535
88.8	-6.655	-1.383	-8.836	0.573
89.0	-6.711	-1.396	-8.9	0.54
89.3	-6.47	-1.362	-8.788	0.622
89.5	-6.458	-1.345	-8.732	0.634
89.7	-6.453	-1.314	-8.658	0.72
89.9	-6.389	-1.231	-8.335	0.699
90.2	-6.339	-1.319	-8.199	0.734
90.4	-6.28	-1.289	-8.619	0.826
90.6	-6.284	-1.29	-8.534	0.898
90.8	-6.356	-1.253	-8.375	0.928
91.1	-6.316	-1.29	-8.257	0.98
91.3	-6.4	-1.256	-8.385	1.076
91.5	-6.492	-1.211	-8.751	1.105
91.7	-6.467	-1.227	-8.482	1.169
92.0	-6.546	-1.236	-8.415	1.171
92.2	-6.551	-1.277	-8.526	1.213
92.4	-6.669	-1.317	-8.627	1.251
92.6	-6.63	-1.311	-8.514	1.343
92.9	-6.754	-1.351	-8.499	1.359
93.1	-6.913	-1.375	-8.58	1.452
93.3	-6.93	-1.392	-8.495	1.552
93.5	-7.041	-1.394	-8.558	1.577
93.8	-7.188	-1.456	-8.573	1.6
94.0	-7.253	-1.459	-8.272	1.674
94.2	-7.285	-1.425	-8.45	1.689
94.4	-7.338	-1.388	-8.633	1.746
94.7	-7.459	-1.393	-8.509	1.841
94.9	-7.432	-1.279	-8.346	1.893
95.1	-7.534	-1.295	-8.417	1.916
95.3	-7.431	-1.304	-8.526	1.996
95.6	-7.565	-1.285	-8.622	2.071
95.8	-7.494	-1.187	-8.445	2.096
96.0	-7.385	-1.102	-8.293	2.144
96.2	-7.501	-1.151	-8.555	2.203
96.5	-7.45	-1.137	-8.83	2.275
96.7	-7.319	-1.076	-8.747	2.278
96.9	-7.323	-1.026	-8.775	2.329
97.1	-7.229	-0.987	-8.932	2.368
97.4	-7.146	-0.938	-8.972	2.414
97.6	-6.903	-0.904	-9.224	2.466
97.8	-6.844	-0.869	-9.308	2.447
98.0	-6.672	-0.858	-9.304	2.504
98.3	-6.487	-0.77	-9.521	2.489
98.5	-6.128	-0.741	-9.452	2.488
98.7	-6.112	-0.746	-9.814	2.463
98.9	-5.928	-0.688	-10.053	2.436
99.2	-5.691	-0.688	-10.148	2.433
99.4	-5.47	-0.681	-10.181	2.389

99.6	-1.188	-2.709	1.792	0.481
99.8	-1.100	-2.799	1.789	0.442
100.1	-1.078	-2.948	1.833	0.454
100.3	-1.030	-2.99	1.911	0.343
100.5	-1.058	-3.107	1.919	0.281
100.7	-0.986	-3.261	2.019	0.207
101.0	-0.988	-3.339	2.005	0.188
101.2	-1.016	-3.413	2.046	0.048
101.4	-0.999	-3.466	2.145	0.001
101.6	-1.074	-3.506	2.102	-0.042
101.9	-1.088	-3.512	2.081	-0.059
102.1	-1.142	-3.483	2.024	-0.185
102.3	-1.195	-3.466	2.003	-0.158
102.5	-1.239	-3.366	1.993	-0.159
102.8	-1.310	-3.344	1.893	-0.154
103.0	-1.368	-3.217	1.85	-0.129
103.2	-1.478	-3.199	1.812	-0.105
103.4	-1.546	-3.118	1.697	-0.086
103.7	-1.615	-2.981	1.686	-0.016
103.9	-1.672	-2.867	1.595	0.004
104.1	-1.695	-2.834	1.542	0.045
104.3	-1.721	-2.751	1.523	0.09
104.6	-1.793	-2.694	1.455	0.165
104.8	-1.802	-2.665	1.44	0.156
105.0	-1.791	-2.584	1.445	0.215
105.2	-1.798	-2.625	1.44	0.19
105.5	-1.785	-2.598	1.426	0.232
105.7	-1.729	-2.613	1.451	0.279
105.9	-1.690	-2.599	1.48	0.272
106.1	-1.668	-2.634	1.524	0.273
106.4	-1.634	-2.709	1.598	0.265
106.6	-1.593	-2.748	1.609	0.273
106.8	-1.532	-2.752	1.647	0.289
107.0	-1.504	-2.802	1.695	0.291
107.3	-1.489	-2.931	1.714	0.329
107.5	-1.413	-3.017	1.731	0.337
107.7	-1.401	-3.074	1.768	0.328
107.9	-1.299	-3.032	1.761	0.346
108.2	-1.377	-3.069	1.753	0.409
108.4	-1.345	-3.115	1.739	0.455
108.6	-1.357	-3.078	1.664	0.504
108.8	-1.312	-3.051	1.633	0.484
109.1	-1.425	-2.941	1.567	0.522
109.3	-1.460	-2.853	1.523	0.546
109.5	-1.443	-2.834	1.489	0.579
109.7	-1.563	-2.734	1.501	0.542
110.0	-1.584	-2.631	1.451	0.583
110.2	-1.627	-2.496	1.486	0.589
110.4	-1.670	-2.429	1.447	0.59
110.6	-1.747	-2.304	1.456	0.544
110.9	-1.812	-2.158	1.476	0.551
111.1	-1.828	-2.08	1.483	0.534
111.3	-1.798	-2.019	1.532	0.502
111.5	-1.886	-1.878	1.521	0.453
111.8	-1.870	-1.867	1.556	0.486
112.0	-1.828	-1.795	1.564	0.455
112.2	-1.764	-1.72	1.639	0.396
112.4	-1.795	-1.674	1.7	0.404
112.7	-1.712	-1.672	1.706	0.405
112.9	-1.642	-1.653	1.733	0.375
113.1	-1.471	-1.633	1.755	0.38
113.3	-1.458	-1.636	1.751	0.351
113.6	-1.371	-1.698	1.804	0.317
113.8	-1.289	-1.749	1.766	0.31
114.0	-1.181	-1.819	1.758	0.27
114.2	-1.089	-1.855	1.699	0.221
114.5	-1.008	-1.85	1.672	0.218
114.7	-0.907	-1.971	1.611	0.171
114.9	-0.890	-1.971	1.564	0.091
115.1	-0.867	-2.108	1.498	0.119
115.4	-0.857	-2.138	1.441	0.041
115.6	-0.836	-2.207	1.357	-0.03
115.8	-0.801	-2.285	1.3	-0.095
116.0	-0.886	-2.346	1.248	-0.184
116.3	-0.912	-2.382	1.189	-0.215
116.5	-0.941	-2.472	1.114	-0.304
116.7	-0.969	-2.446	1.054	-0.396
116.9	-1.065	-2.546	0.943	-0.467
117.2	-1.092	-2.572	0.856	-0.543
117.4	-1.160	-2.591	0.796	-0.7
117.6	-1.228	-2.617	0.705	-0.752
117.8	-1.297	-2.607	0.599	-0.935
118.1	-1.329	-2.616	0.547	-1.061
118.3	-1.355	-2.651	0.472	-1.197
118.5	-1.365	-2.731	0.38	-1.324
118.7	-1.378	-2.718	0.348	-1.508
119.0	-1.371	-2.788	0.242	-1.653
119.2	-1.362	-2.816	0.129	-1.814
119.4	-1.303	-2.99	0.002	-1.953

99.6	-6.053	-6.942	-3.849	-5.882
99.8	-5.826	-7.046	-3.757	-5.947
100.1	-5.643	-7.095	-3.761	-6.006
100.3	-5.496	-7.11	-3.598	-5.911
100.5	-5.316	-7.06	-3.57	-5.967
100.7	-5.161	-6.987	-3.519	-5.777
101.0	-4.989	-6.877	-3.423	-5.704
101.2	-4.827	-6.81	-3.295	-5.726
101.4	-4.68	-6.735	-3.406	-5.601
101.6	-4.556	-6.622	-3.373	-5.491
101.9	-4.311	-6.454	-3.372	-5.451
102.1	-4.301	-6.434	-3.387	-5.516
102.3	-4.222	-6.238	-3.427	-5.446
102.5	-4.147	-6.207	-3.345	-5.408
102.8	-4.101	-6.045	-3.431	-5.426
103.0	-3.978	-6.035	-3.428	-5.418
103.2	-3.977	-5.962	-3.487	-5.258
103.4	-4.01	-5.933	-3.379	-5.264
103.7	-4.002	-5.873	-3.365	-5.3
103.9	-4.027	-5.819	-3.341	-5.399
104.1	-4.077	-5.757	-3.293	-5.391
104.3	-4.126	-5.802	-3.212	-5.539
104.6	-4.193	-5.838	-3.154	-5.686
104.8	-4.257	-5.817	-3.102	-5.812
105.0	-4.366	-5.845	-3.107	-5.904
105.2	-4.338	-5.77	-3.073	-6.148
105.5	-4.539	-5.715	-2.967	-6.284
105.7	-4.597	-5.751	-2.999	-6.47
105.9	-4.68	-5.616	-2.952	-6.809
106.1	-4.856	-5.535	-2.938	-6.947
106.4	-4.975	-5.388	-2.834	-6.877
106.6	-5.09	-5.229	-2.974	-6.424
106.8	-5.173	-5.137	-2.963	-5.863
107.0	-5.255	-5.037	-3.011	-5.621
107.3	-5.391	-4.918	-3.007	-5.262
107.5	-5.442	-4.688	-2.976	-4.96
107.7	-5.524	-4.592	-2.973	-4.604
107.9	-5.62	-4.477	-2.9	-4.507
108.2	-5.582	-4.38	-2.84	-4.321
108.4	-5.671	-4.376	-2.818	-4.19
108.6	-5.665	-4.246	-2.713	-3.977
108.8	-5.705	-4.228	-2.623	-3.68
109.1	-5.812	-4.281	-2.589	-3.484
109.3	-5.796	-4.302	-2.383	-3.192
109.5	-5.807	-4.212	-2.353	-2.892
109.7	-5.843	-4.336	-2.256	-2.576
110.0	-5.829	-4.309	-2.121	-2.394
110.2	-5.823	-4.436	-2.07	-2.294
110.4	-5.727	-4.503	-1.906	-2.178
110.6	-5.646	-4.619	-1.837	-2.054
110.9	-5.614	-4.699	-1.716	-2.044
111.1	-5.577	-4.756	-1.566	-2.046
111.3	-5.425	-4.866	-1.431	-2.125
111.5	-5.208	-4.92	-1.201	-2.077
111.8	-5.08	-4.951	-1.178	-1.953
112.0	-4.961	-4.991	-1.001	-2.027
112.2	-4.781	-4.985	-0.871	-2.025
112.4	-4.633	-5.041	-0.809	-1.853
112.7	-4.459	-5.041	-0.709	-1.788
112.9	-4.353	-5.049	-0.636	-1.731
113.1	-4.143	-4.977	-0.595	-1.664
113.3	-4.003	-4.987	-0.548	-1.603
113.6	-3.893	-4.978	-0.441	-1.615
113.8	-3.822	-4.991	-0.527	-1.642
114.0	-3.712	-4.957	-0.473	-1.629
114.2	-3.598	-4.991	-0.42	-1.697
114.5	-3.497	-4.926	-0.448	-1.771
114.7	-3.464	-4.856	-0.44	-1.678
114.9	-3.378	-4.8	-0.404	-1.566
115.1	-3.283	-4.865	-0.365	-1.503
115.4	-3.2	-4.802	-0.338	-1.176
115.6	-3.164	-4.611	-0.24	-0.975
115.8	-3.041	-4.433	-0.198	-0.844
116.0	-2.945	-4.355	-0.215	-0.785
116.3	-2.914	-4.191	-0.165	-0.771
116.5	-2.781	-3.977	-0.054	-0.648
116.7	-2.697	-3.853	-0.117	-0.688
116.9	-2.606	-3.704	-0.021	-0.792
117.2	-2.582	-3.547	-0.022	-0.974
117.4	-2.453	-3.367	0.005	-0.929
117.6	-2.447	-3.294	0.062	-0.782
117.8	-2.35	-3.15	0.084	-0.569
118.1	-2.303	-3.111	0.055	-0.391
118.3	-2.236	-3.034	0.097	-0.058
118.5	-2.19	-2.968	0.048	0.194
118.7	-2.205	-2.909	-0.022	0.283
119.0	-2.193	-2.855	-0.112	0.325
119.2	-2.191	-2.775	-0.095	0.451
119.4	-2.166	-2.814	-0.172	0.39

99.6	5.4	-0.623	-10.435	2.408
99.8	-5.172	-0.552	-10.473	2.368
100.1	-4.953	-0.576	-10.3	2.344
100.3	-4.761	-0.572	-10.465	2.315
100.5	-4.588	-0.525	-10.318	2.283
100.7	-4.512	-0.534	-10.448	2.287
101.0	-4.373	-0.519	-10.366	2.256
101.2	-4.211	-0.58	-10.073	2.287
101.4	-4.064	-0.544	-9.944	2.231
101.6	-4.013	-0.574	-10.048	2.189
101.9	-3.907	-0.629	-9.733	2.175
102.1	-3.874	-0.639	-9.31	2.131
102.3	-3.83	-0.585	-9.462	2.095
102.5	-3.79	-0.642	-9.198	2.071
102.8	-3.797	-0.644	-9.164	2.077
103.0	-3.719	-0.657	-8.916	2.059
103.2	-3.785	-0.634	-8.866	2.03
103.4	-3.858	-0.57	-8.753	2.047
103.7	-3.878	-0.598	-8.617	2.026
103.9	-3.886	-0.55	-8.412	2.024
104.1	-3.938	-0.531	-8.326	2.034
104.3	-3.999	-0.48	-8.241	1.95
104.6	-4.05	-0.438	-8.269	1.926
104.8	-4.146	-0.387	-8.076	1.864
105.0	-4.231	-0.396	-7.993	1.847
105.2	-4.312	-0.344	-7.99	1.82
105.5	-4.315	-0.378	-7.891	1.796
105.7	-4.406	-0.374	-7.766	1.794
105.9	-4.54	-0.385	-7.66	1.738
106.1	-4.637	-0.359	-7.744	1.737
106.4	-4.664	-0.373	-7.503	1.719
106.6	-4.765	-0.316	-7.439	1.776
106.8	-4.846	-0.348	-7.436	1.763
107.0	-4.947	-0.325	-7.28	1.779
107.3	-4.992	-0.374	-7.159	1.759
107.5	-5.023	-0.361	-7.255	1.782
107.7	-5.114	-0.325	-6.952	1.796
107.9	-5.208	-0.362	-6.755	1.807
108.2	-5.277	-0.384	-6.895	1.796
108.4	-5.288	-0.344	-6.903	1.826
108.6	-5.46	-0.366	-6.541	1.865
108.8	-5.483	-0.366	-6.472	1.839
109.1	-5.474	-0.33	-6.512	1.829
109.3	-5.558	-0.344	-6.459	1.823
109.5	-5.532	-0.309	-6.392	1.779
109.7	-5.604	-0.312	-6.413	1.782
110.0	-5.593	-0.219	-6.238	1.76
110.2	-5.55	-0.192	-6.208	1.73
110.4	-5.563	-0.17	-6.196	1.74
110.6	-5.458	-0.117	-6.195	1.731
110.9	-5.319	-0.128	-6.195	1.734
111.1	-5.219	-0.127	-6.102	1.731
111.3	-5.123	-0.092	-6.097	1.729
111.5	-4.942	-0.036	-6.198	1.732
111.8	-4.798	-0.04	-6.108	1.745
112.0	-4.728	-0.009	-6.307	1.843
112.2	-4.567	0.035	-6.34	1.732
112.4	-4.497	-0.002	-6.462	1.748
112.7	-4.321	0.002	-6.696	1.705
112.9	-4.244	0.01	-6.585	1.719
113.1	-4.168	-0.005	-6.73	1.706
113.3	-4.077	0.053	-6.696	1.689
113.6	-3.996	-0.036	-6.859	1.697
113.8	-3.881	-0.072	-6.916	1.732
114.0	-3.813	-0.065	-6.892	1.748
114.2	-3.725	0.012	-7.05	1.757
114.5	-3.58	-0.044	-7.121	1.79
114.7	-3.453	-0.034	-7.145	1.835
114.9	-3.374	0.011	-7.265	1.875
115.1	-3.308	0.052	-7.278	1.839
115.4	-3.192	0.023	-7.35	1.877
115.6	-3.089	0.025	-7.393	1.878
115.8	-2.926	0.037	-7.826	1.94
116.0	-2.919	0.096	-7.683	1.998
116.3	-2.793	0.122	-7.752	2.043
116.5	-2.668	0.093	-8.065	2.081
116.7	-2.564	0.129	-8.575	2.168
116.9	-2.464	0.073	-8.579	2.179
117.2	-2.374	0.087	-8.794	2.16
117.4	-2.306	0.083	-9.219	2.169
117.6	-2.236	0.04	-9.551	2.154
117.8	-2.157	0.019	-9.834	2.107
118.1	-2.121	0.011	-10.196	2.114
118.3	-2.102	0.005	-10.522	2.123
118.5	-2.109	-0.006	-10.57	2.084
118.7	-2.091	-0.034	-11.143	2.041
119.0	-1.992	-0.072	-10.902	2.034
119.2	-2.069	-0.05	-10.899	2.057
119.4	-2.081	-0.042	-10.846	2.073

119.6	-1.291	-3.021	-0.123	-2.133
119.9	-1.263	-3.152	-0.205	-2.202
120.1	-1.197	-3.272	-0.363	-2.402
120.3	-1.195	-3.388	-0.479	-2.478
120.5	-1.200	-3.458	-0.651	-2.549
120.7	-1.180	-3.545	-0.794	-2.638
121.0	-1.162	-3.655	-1.014	-2.691
121.2	-1.223	-3.784	-1.116	-2.697
121.4	-1.227	-3.81	-1.358	-2.757
121.6	-1.332	-3.949	-1.544	-2.804
121.9	-1.413	-4.074	-1.655	-2.793
122.1	-1.495	-4.142	-1.852	-2.831
122.3	-1.618	-4.319	-2.101	-2.871
122.5	-1.721	-4.359	-2.269	-2.918
122.8	-1.879	-4.536	-2.427	-2.955
123.0	-2.119	-4.623	-2.548	-3.021
123.2	-2.308	-4.757	-2.595	-3.092
123.4	-2.555	-4.81	-2.592	-3.156
123.7	-2.721	-5.056	-2.661	-3.134
123.9	-3.011	-5.199	-2.727	-3.175
124.1	-3.222	-5.399	-2.728	-3.161
124.3	-3.457	-5.49	-2.746	-3.068
124.6	-3.683	-5.6	-2.711	-2.986
124.8	-3.913	-5.88	-2.766	-2.895
125.0	-4.208	-5.97	-2.808	-2.727
125.2	-4.482	-6.2	-2.874	-2.663
125.5	-4.677	-6.253	-2.889	-2.472
125.7	-4.858	-6.404	-2.918	-2.227
125.9	-5.104	-6.461	-2.961	-2.178
126.1	-5.247	-6.506	-3.005	-2.103
126.4	-5.511	-6.533	-3	-2.014
126.6	-5.717	-6.486	-2.983	-1.806
126.8	-5.885	-6.541	-3.007	-1.83
127.0	-6.024	-6.408	-2.869	-1.717
127.3	-6.226	-6.305	-2.778	-1.669
127.5	-6.437	-6.272	-2.703	-1.62
127.7	-6.544	-6.123	-2.542	-1.594
127.9	-6.631	-5.964	-2.328	-1.622
128.2	-6.735	-5.889	-2.185	-1.656
128.4	-6.877	-5.727	-1.945	-1.684
128.6	-6.861	-5.622	-1.742	-1.719
128.8	-6.864	-5.609	-1.565	-1.748
129.1	-6.872	-5.475	-1.37	-1.859
129.3	-6.786	-5.386	-1.217	-1.802
129.5	-6.804	-5.323	-1.034	-1.862
129.7	-6.681	-5.316	-0.948	-1.934
130.0	-6.569	-5.288	-0.834	-1.999
130.2	-6.411	-5.255	-0.743	-2.073
130.4	-6.326	-5.252	-0.676	-2.13
130.6	-6.165	-5.215	-0.696	-2.266
130.9	-6.051	-5.35	-0.709	-2.271
131.1	-5.948	-5.289	-0.723	-2.386
131.3	-5.863	-5.228	-0.753	-2.541
131.5	-5.862	-5.282	-0.74	-2.677
131.8	-5.843	-5.346	-0.778	-2.776
132.0	-5.869	-5.277	-0.848	-3.007
132.2	-5.875	-5.115	-0.942	-3.165
132.4	-5.882	-5.192	-1.014	-3.375
132.7	-5.857	-5.122	-1.078	-3.633
132.9	-5.948	-5.099	-1.134	-3.824
133.1	-6.054	-5.164	-1.199	-4.157
133.3	-6.164	-5.173	-1.314	-4.371
133.6	-6.135	-5.263	-1.392	-4.643
133.8	-6.175	-5.353	-1.507	-4.964
134.0	-6.285	-5.474	-1.611	-5.219
134.2	-6.317	-5.579	-1.732	-5.569
134.5	-6.353	-5.795	-1.857	-5.852
134.7	-6.284	-6.088	-2.051	-6.076
134.9	-6.420	-6.414	-2.165	-6.51
135.1	-6.425	-6.72	-2.376	-6.779
135.4	-6.442	-7.162	-2.593	-6.823
135.6	-6.545	-7.675	-2.847	-7.012
135.8	-6.675	-8.237	-3.125	-6.955
136.0	-6.712	-8.804	-3.319	-7.05
136.3	-6.837	-9.383	-3.725	-7.127
136.5	-7.012	-9.863	-4.125	-6.94
136.7	-7.088	-10.609	-4.424	-7.412
136.9	-7.350	-11.226	-4.795	-7.501
137.2	-7.571	-11.938	-5.166	-7.642
137.4	-7.862	-12.292	-5.512	-7.868
137.6	-8.208	-13.184	-5.864	-7.945
137.8	-8.643	-13.171	-6.144	-8.036
138.1	-8.912	-12.94	-6.177	-8.071
138.3	-9.474	-12.852	-6.431	-8.014
138.5	-9.846	-12.959	-6.537	-8.058
138.7	-10.542	-12.782	-6.722	-8.109
139.0	-11.355	-13.09	-6.636	-7.869
139.2	-11.854	-13.074	-6.622	-8.056
139.4	-12.078	-13.373	-6.436	-7.992

119.6	-2.173	-2.823	-0.188	0.358
119.9	-2.186	-2.812	-0.195	0.213
120.1	-2.233	-2.827	-0.185	0.152
120.3	-2.283	-2.872	-0.132	0.124
120.5	-2.269	-2.874	-0.026	0.263
120.7	-2.301	-2.828	0.202	0.451
121.0	-2.399	-2.795	0.246	0.526
121.2	-2.393	-2.795	0.444	0.729
121.4	-2.399	-2.784	0.603	0.989
121.6	-2.452	-2.817	0.769	1.045
121.9	-2.449	-2.697	0.957	1.039
122.1	-2.448	-2.654	1.1	0.915
122.3	-2.449	-2.681	1.282	0.758
122.5	-2.407	-2.579	1.347	0.654
122.8	-2.368	-2.601	1.415	0.446
123.0	-2.36	-2.518	1.485	0.262
123.2	-2.271	-2.554	1.535	0.207
123.4	-2.188	-2.609	1.537	0.359
123.7	-2.131	-2.598	1.535	0.573
123.9	-2.043	-2.638	1.43	0.808
124.1	-1.958	-2.732	1.422	1.013
124.3	-1.947	-2.848	1.293	1.114
124.6	-1.864	-2.831	1.146	1.178
124.8	-1.787	-3.072	1.08	1.222
125.0	-1.746	-3.224	0.947	1.113
125.2	-1.667	-3.332	0.853	1.002
125.5	-1.578	-3.481	0.782	0.892
125.7	-1.58	-3.683	0.669	0.758
125.9	-1.534	-3.824	0.634	0.67
126.1	-1.409	-3.9	0.609	0.576
126.4	-1.293	-3.982	0.562	0.565
126.6	-1.127	-4.057	0.547	0.621
126.8	-0.918	-4.228	0.584	0.655
127.0	-0.865	-4.265	0.593	0.643
127.3	-0.731	-4.319	0.656	0.58
127.5	-0.601	-4.342	0.706	0.57
127.7	-0.508	-4.307	0.816	0.548
127.9	-0.429	-4.385	0.8	0.543
128.2	-0.366	-4.329	0.85	0.596
128.4	-0.329	-4.359	0.849	0.74
128.6	-0.292	-4.317	0.858	0.905
128.8	-0.25	-4.286	0.83	1.111
129.1	-0.193	-4.273	0.852	1.253
129.3	-0.2	-4.23	0.812	1.447
129.5	-0.151	-4.148	0.767	1.544
129.7	-0.187	-4.2	0.766	1.599
130.0	-0.201	-4.218	0.73	1.588
130.2	-0.243	-4.249	0.674	1.543
130.4	-0.246	-4.212	0.659	1.511
130.6	-0.322	-4.215	0.64	1.501
130.9	-0.35	-4.204	0.607	1.43
131.1	-0.325	-4.227	0.631	1.41
131.3	-0.319	-4.238	0.614	1.471
131.5	-0.307	-4.19	0.648	1.56
131.8	-0.252	-4.126	0.704	1.65
132.0	-0.178	-4.013	0.728	1.738
132.2	-0.095	-4.054	0.822	1.774
132.4	-0.028	-3.962	0.839	1.765
132.7	0.046	-3.868	0.823	1.734
132.9	0.155	-3.824	0.895	1.681
133.1	0.207	-3.691	0.924	1.583
133.3	0.343	-3.593	0.925	1.518
133.6	0.357	-3.481	0.908	1.499
133.8	0.421	-3.391	0.952	1.608
134.0	0.526	-3.236	0.98	1.698
134.2	0.517	-3.103	0.98	1.851
134.5	0.516	-2.973	1.047	1.988
134.7	0.567	-2.809	0.994	2.06
134.9	0.594	-2.716	1.008	2.126
135.1	0.609	-2.643	1.056	2.123
135.4	0.626	-2.513	1.048	2.063
135.6	0.697	-2.437	1.06	1.998
135.8	0.714	-2.324	1.071	1.882
136.0	0.751	-2.338	1.106	1.769
136.3	0.809	-2.316	1.095	1.739
136.5	0.804	-2.305	1.145	1.703
136.7	0.887	-2.331	1.046	1.749
136.9	0.911	-2.368	1.067	1.824
137.2	0.951	-2.457	0.998	1.913
137.4	0.933	-2.525	1.013	1.982
137.6	0.918	-2.558	0.993	1.988
137.8	0.879	-2.676	0.993	2.011
138.1	0.884	-2.72	0.999	1.954
138.3	0.867	-2.828	0.999	1.944
138.5	0.824	-2.923	1.024	1.824
138.7	0.837	-3.011	0.93	1.802
139.0	0.844	-2.967	0.938	1.701
139.2	0.809	-3.118	0.971	1.623
139.4	0.852	-3.129	0.97	1.716

119.6	-2.125	-0.097	-10.299	2.042
119.9	-2.194	-0.086	-9.895	2.065
120.1	-2.181	-0.114	-9.684	1.983
120.3	-2.23	-0.133	-9.106	2.016
120.5	-2.217	-0.07	-8.69	1.976
120.7	-2.251	-0.179	-8.349	1.991
121.0	-2.277	-0.179	-7.971	1.948
121.2	-2.278	-0.154	-7.729	1.937
121.4	-2.282	-0.206	-7.573	1.94
121.6	-2.273	-0.2	-7.304	1.887
121.9	-2.277	-0.242	-6.925	1.933
122.1	-2.212	-0.262	-6.825	1.891
122.3	-2.201	-0.258	-6.571	1.862
122.5	-2.156	-0.316	-6.334	1.741
122.8	-2.102	-0.332	-6.232	1.701
123.0	-2	-0.327	-6.052	1.645
123.2	-1.963	-0.366	-5.896	1.459
123.4	-1.914	-0.389	-5.67	1.351
123.7	-1.869	-0.454	-5.398	1.218
123.9	-1.817	-0.533	-5.296	1.143
124.1	-1.775	-0.599	-5.175	0.983
124.3	-1.708	-0.657	-4.929	0.878
124.6	-1.687	-0.724	-4.691	0.85
124.8	-1.636	-0.831	-4.556	0.762
125.0	-1.584	-0.954	-4.447	0.63
125.2	-1.59	-0.988	-4.269	0.595
125.5	-1.536	-1.109	-4.136	0.495
125.7	-1.553	-1.215	-4.092	0.461
125.9	-1.542	-1.314	-4.044	0.409
126.1	-1.558	-1.414	-4.016	0.385
126.4	-1.54	-1.453	-3.928	0.363
126.6	-1.615	-1.631	-3.959	0.374
126.8	-1.603	-1.785	-3.977	0.402
127.0	-1.628	-1.89	-3.972	0.394
127.3	-1.625	-1.965	-3.891	0.459
127.5	-1.717	-2.141	-4.061	0.467
127.7	-1.716	-2.32	-4.061	0.508
127.9	-1.775	-2.426	-4.059	0.492
128.2	-1.77	-2.571	-4.092	0.528
128.4	-1.804	-2.719	-3.967	0.515
128.6	-1.792	-2.846	-3.892	0.54
128.8	-1.767	-2.987	-3.746	0.557
129.1	-1.766	-3.029	-3.682	0.495
129.3	-1.759	-3.231	-3.586	0.459
129.5	-1.721	-3.332	-3.471	0.441
129.7	-1.645	-3.503	-3.42	0.429
130.0	-1.578	-3.579	-3.268	0.4
130.2	-1.587	-3.71	-3.239	0.398
130.4	-1.551	-3.714	-3.269	0.373
130.6	-1.537	-3.867	-3.178	0.345
130.9	-1.454	-3.913	-3.274	0.34
131.1	-1.444	-3.863	-3.184	0.373
131.3	-1.447	-3.891	-3.28	0.368
131.5	-1.456	-3.904	-3.268	0.385
131.8	-1.423	-3.893	-3.31	0.39
132.0	-1.485	-3.791	-3.37	0.466
132.2	-1.451	-3.694	-3.479	0.538
132.4	-1.554	-3.689	-3.587	0.621
132.7	-1.561	-3.562	-3.719	0.727
132.9	-1.654	-3.521	-3.717	0.795
133.1	-1.719	-3.549	-3.908	0.953
133.3	-1.739	-3.52	-4.025	1.063
133.6	-1.881	-3.509	-4.063	1.16
133.8	-1.872	-3.524	-4.078	1.33
134.0	-1.828	-3.455	-3.9	1.403
134.2	-1.951	-3.583	-3.754	1.456
134.5	-1.951	-3.563	-3.582	1.575
134.7	-1.891	-3.603	-3.407	1.582
134.9	-1.87	-3.713	-3.054	1.612
135.1	-1.807	-3.854	-2.983	1.549
135.4	-1.772	-3.896	-2.884	1.567
135.6	-1.723	-3.913	-2.714	1.512
135.8	-1.622	-3.902	-2.611	1.497
136.0	-1.624	-3.995	-2.445	1.402
136.3	-1.583	-4.004	-2.42	1.316
136.5	-1.48	-3.991	-2.376	1.247
136.7	-1.415	-3.976	-2.369	1.15
136.9	-1.416	-3.975	-2.392	1.131
137.2	-1.415	-3.968	-2.423	1.042
137.4	-1.379	-3.838	-2.565	0.957
137.6	-1.374	-3.75	-2.576	0.987
137.8	-1.378	-3.725	-2.86	0.91
138.1	-1.422	-3.706	-3	0.929
138.3	-1.43	-3.544	-3.191	0.875
138.5	-1.504	-3.419	-3.495	0.847
138.7	-1.581	-3.591	-3.768	0.816
139.0	-1.663	-3.553	-4.029	0.778
139.2	-1.736	-3.491	-4.294	0.77
139.4	-1.819	-3.552	-4.556	0.7

139.6	-11.927	-13.461	-6.454	-7.881
139.9	-11.930	-13.839	-6.332	-7.869
140.1	-11.744	-14.149	-6.316	-7.715
140.3	-11.668	-14.47	-6.32	-7.468
140.5	-11.687	-14.973	-6.267	-7.334
140.8	-11.599	-15.047	-6.4	-7.229
141.0	-11.841	-15.326	-6.496	-6.894
141.2	-11.879	-15.63	-6.587	-6.86
141.4	-11.941	-16.207	-6.778	-6.621
141.7	-12.129	-15.928	-6.868	-6.517
141.9	-12.415	-14.951	-7.092	-6.261
142.1	-12.621	-14.39	-7.093	-6.193
142.3	-12.786	-13.884	-7.183	-6.03
142.6	-13.028	-13.6	-7.516	-5.944
142.8	-13.216	-13.111	-7.555	-5.767
143.0	-13.394	-12.837	-7.511	-5.949
143.2	-13.616	-12.782	-7.308	-5.826
143.5	-13.696	-12.489	-7.035	-5.96
143.7	-13.817	-12.61	-6.829	-5.996
143.9	-13.940	-12.895	-6.854	-6.12
144.1	-13.644	-12.876	-6.787	-6.241
144.4	-13.606	-13.168	-6.784	-6.466
144.6	-13.488	-13.386	-6.659	-6.503
144.8	-13.169	-13.858	-6.827	-6.777
145.0	-12.991	-14.097	-6.829	-6.96
145.3	-12.863	-14.316	-6.986	-7.183
145.5	-12.640	-14.85	-7.09	-7.337
145.7	-12.421	-15.263	-7.239	-7.56
145.9	-12.293	-15.429	-7.33	-7.644
146.2	-12.014	-15.472	-7.48	-7.884
146.4	-11.788	-15.611	-7.541	-7.96
146.6	-11.665	-15.724	-7.616	-7.942
146.8	-11.641	-15.704	-7.782	-8.107
147.1	-11.675	-15.343	-7.915	-7.992
147.3	-11.530	-15.257	-7.901	-8.056
147.5	-11.670	-14.85	-7.991	-8.108
147.7	-11.824	-14.73	-8.094	-8.05
148.0	-11.912	-14.547	-8.11	-8.035
148.2	-12.062	-14.526	-8.051	-8.052
148.4	-12.293	-14.216	-8.032	-8.009
148.6	-12.287	-14.01	-7.945	-7.989
148.9	-12.291	-14.072	-7.793	-8.018
149.1	-12.706	-13.93	-7.738	-7.914
149.3	-12.895	-13.941	-7.633	-7.964
149.5	-12.881	-13.973	-7.76	-8.016
149.8	-12.700	-13.931	-7.755	-8.104
150.0	-12.390	-14.019	-7.991	-8.102
150.2	-11.921	-14.201	-8.032	-8.325
150.4	-11.358	-14.173	-8.273	-8
150.7	-10.963	-14.297	-8.42	-8.235
150.9	-10.510	-14.221	-8.79	-7.981
151.1	-10.180	-14.428	-9.017	-8.053
151.3	-9.831	-14.406	-9.302	-8.011
151.6	-9.483	-14.288	-9.579	-7.995
151.8	-9.340	-14.324	-9.986	-7.951
152.0	-9.164	-14.252	-10.256	-8.113
152.2	-8.948	-14.303	-10.671	-8.042
152.5	-8.909	-14.078	-10.791	-8.363
152.7	-8.813	-13.723	-10.869	-8.397
152.9	-8.816	-13.729	-10.623	-8.644
153.1	-8.741	-13.579	-10.588	-8.745
153.4	-8.703	-13.291	-10.405	-8.774
153.6	-8.726	-13.195	-10.119	-8.979
153.8	-8.913	-13.187	-9.867	-9.009
154.0	-8.976	-13	-9.725	-9.102
154.3	-9.067	-12.907	-9.595	-8.969
154.5	-9.101	-12.605	-9.157	-9.098
154.7	-9.109	-12.711	-9.131	-9.082
154.9	-9.076	-12.602	-9.196	-8.979
155.2	-9.137	-12.293	-9.326	-8.924
155.4	-8.935	-12.54	-9.187	-8.596
155.6	-8.890	-12.503	-9.591	-8.494
155.8	-8.888	-12.409	-9.677	-8.296
156.1	-8.724	-12.533	-9.982	-8.083
156.3	-8.656	-12.538	-10.193	-7.959
156.5	-8.598	-12.713	-10.516	-7.891
156.7	-8.426	-12.619	-10.938	-7.888
157.0	-8.366	-12.781	-11.009	-7.759
157.2	-8.318	-12.832	-11.24	-7.671
157.4	-8.282	-12.974	-10.966	-7.705
157.6	-8.248	-12.946	-10.649	-8.077
157.9	-8.205	-12.915	-10.201	-8.18
158.1	-8.211	-12.607	-9.892	-8.338
158.3	-8.225	-12.677	-9.587	-8.436
158.5	-8.275	-12.347	-9.077	-8.747
158.8	-8.206	-12.179	-8.808	-9.086
159.0	-8.338	-11.931	-8.467	-9.439
159.2	-8.460	-11.675	-8.306	-9.653
159.4	-8.536	-11.325	-8.186	-9.618

139.6	0.944	-3.131	0.918	1.789
139.9	1.031	-3.209	0.863	1.843
140.1	1.093	-3.261	0.96	1.908
140.3	1.247	-3.156	1.011	1.949
140.5	1.334	-3.103	0.994	1.939
140.8	1.425	-3.073	0.93	1.896
141.0	1.48	-2.975	0.981	1.773
141.2	1.569	-2.984	0.95	1.608
141.4	1.602	-2.988	0.913	1.527
141.7	1.658	-2.932	0.813	1.375
141.9	1.699	-2.905	0.799	1.178
142.1	1.734	-2.956	0.719	1.117
142.3	1.699	-3.035	0.652	1.084
142.6	1.692	-3.027	0.57	1.102
142.8	1.693	-3.073	0.46	1.208
143.0	1.646	-3.029	0.412	1.245
143.2	1.624	-3.076	0.245	1.286
143.5	1.576	-3.089	0.151	1.408
143.7	1.598	-3.034	-0.078	1.415
143.9	1.584	-3.138	-0.262	1.47
144.1	1.594	-3.179	-0.37	1.469
144.4	1.652	-3.176	-0.41	1.511
144.6	1.671	-3.097	-0.498	1.552
144.8	1.738	-3.131	-0.582	1.644
145.0	1.744	-3.162	-0.603	1.627
145.3	1.739	-3.058	-0.478	1.665
145.5	1.734	-3.045	-0.421	1.739
145.7	1.73	-2.984	-0.381	1.738
145.9	1.666	-2.934	-0.344	1.716
146.2	1.636	-2.82	-0.218	1.702
146.4	1.509	-2.77	-0.166	1.777
146.6	1.492	-2.721	-0.257	1.724
146.8	1.46	-2.668	-0.362	1.673
147.1	1.396	-2.657	-0.43	1.719
147.3	1.4	-2.657	-0.534	1.689
147.5	1.342	-2.693	-0.686	1.671
147.7	1.342	-2.773	-0.914	1.668
148.0	1.369	-2.773	-1.167	1.601
148.2	1.39	-2.916	-1.306	1.577
148.4	1.444	-3.045	-1.552	1.484
148.6	1.502	-3.144	-1.729	1.459
148.9	1.562	-3.241	-1.888	1.361
149.1	1.584	-3.315	-1.876	1.292
149.3	1.627	-3.488	-1.886	1.165
149.5	1.658	-3.601	-1.878	1.042
149.8	1.674	-3.391	-1.858	0.964
150.0	1.661	-3.06	-1.713	0.876
150.2	1.647	-2.937	-1.551	0.74
150.4	1.641	-2.727	-1.342	0.655
150.7	1.626	-2.56	-1.258	0.59
150.9	1.534	-2.39	-1.236	0.51
151.1	1.464	-2.321	-0.966	0.489
151.3	1.41	-2.299	-0.8	0.385
151.6	1.306	-2.363	-0.842	0.299
151.8	1.25	-2.355	-0.858	0.318
152.0	1.231	-2.366	-0.746	0.207
152.2	1.162	-2.578	-0.664	0.246
152.5	1.139	-2.656	-0.704	0.303
152.7	1.13	-2.882	-0.81	0.352
152.9	1.137	-3.197	-0.867	0.441
153.1	1.175	-3.25	-0.823	0.51
153.4	1.185	-3.391	-0.888	0.702
153.6	1.194	-3.661	-0.851	0.783
153.8	1.244	-3.929	-0.861	0.906
154.0	1.297	-3.852	-0.757	0.956
154.3	1.311	-3.874	-0.61	1.121
154.5	1.325	-4.029	-0.642	1.136
154.7	1.317	-3.826	-0.562	1.125
154.9	1.287	-3.695	-0.449	1.138
155.2	1.232	-3.641	-0.42	1.089
155.4	1.132	-3.555	-0.431	1.004
155.6	1.033	-3.33	-0.4	0.877
155.8	0.925	-3.114	-0.512	0.849
156.1	0.852	-2.942	-0.584	0.698
156.3	0.763	-2.661	-0.584	0.517
156.5	0.728	-2.554	-0.717	0.385
156.7	0.743	-2.346	-0.892	0.313
157.0	0.748	-2.149	-1.125	0.172
157.2	0.777	-2.091	-1.157	0.156
157.4	0.751	-1.927	-1.235	0.074
157.6	0.83	-1.782	-1.45	0.164
157.9	0.792	-1.836	-1.54	0.393
158.1	0.79	-1.812	-1.441	0.553
158.3	0.723	-1.775	-1.499	0.691
158.5	0.635	-1.876	-1.466	0.798
158.8	0.633	-1.98	-1.476	0.895
159.0	0.493	-1.986	-1.424	0.931
159.2	0.422	-2.011	-1.324	1.022
159.4	0.404	-2.152	-1.273	0.994

139.6	-1.897	-3.729	-4.744	0.659
139.9	-1.966	-3.813	-4.809	0.569
140.1	-2.099	-3.886	-5.043	0.504
140.3	-2.159	-4.009	-5.12	0.323
140.5	-2.255	-4.118	-5.19	0.185
140.8	-2.308	-4.343	-5.067	0.119
141.0	-2.308	-4.331	-5.143	-0.084
141.2	-2.345	-4.611	-5.117	-0.362
141.4	-2.322	-4.733	-4.886	-0.633
141.7	-2.388	-4.803	-4.84	-0.719
141.9	-2.362	-4.905	-4.774	-0.98
142.1	-2.288	-4.961	-4.784	-1.279
142.3	-2.292	-4.891	-4.766	-1.407
142.6	-2.17	-4.902	-4.844	-1.59
142.8	-2.078	-4.925	-5.012	-1.713
143.0	-2.052	-5.027	-5.083	-1.791
143.2	-1.964	-4.902	-5.285	-1.864
143.5	-1.866	-4.728	-5.389	-1.878
143.7	-1.74	-4.836	-5.533	-1.904
143.9	-1.667	-4.89	-5.66	-1.883
144.1	-1.662	-4.843	-5.908	-1.861
144.4	-1.646	-4.75	-6.08	-1.912
144.6	-1.651	-4.731	-6.237	-1.893
144.8	-1.649	-4.936	-6.488	-1.984
145.0	-1.631	-4.794	-6.621	-2.025
145.3	-1.7	-4.656	-6.767	-2.078
145.5	-1.76	-5.004	-6.861	-2.179
145.7	-1.847	-5.127	-7.015	-2.267
145.9	-1.949	-5.071	-7.1	-2.311
146.2	-2.087	-5.166	-7.132	-2.42
146.4	-2.159	-5.292	-7.294	-2.441
146.6	-2.323	-5.325	-7.318	-2.691
146.8	-2.385	-5.358	-7.261	-2.752
147.1	-2.493	-5.356	-7.036	-2.838
147.3	-2.564	-5.398	-7.051	-3.203
147.5	-2.713	-5.295	-6.84	-3.356
147.7	-2.777	-5.264	-6.579	-3.337
148.0	-2.796	-5.149	-6.504	-3.443
148.2	-2.813	-5.029	-6.274	-3.476
148.4	-2.883	-4.96	-6.183	-3.517
148.6	-2.725	-4.88	-6.066	-3.461
148.9	-2.732	-4.736	-5.886	-3.427
149.1	-2.749	-4.604	-5.846	-3.39
149.3	-2.63	-4.439	-5.8	-3.313
149.5	-2.515	-4.304	-5.634	-3.138
149.8	-2.499	-4.173	-5.786	-3.027
150.0	-2.501	-4.004	-5.758	-2.876
150.2	-2.533	-3.813	-5.908	-2.72
150.4	-2.55	-3.674	-6.037	-2.693
150.7	-2.607	-3.587	-6.082	-2.592
150.9	-2.671	-3.485	-6.543	-2.613
151.1	-2.768	-3.364	-6.643	-2.605
151.3	-2.782	-3.394	-6.944	-2.618
151.6	-2.727	-3.337	-7.071	-2.71
151.8	-2.705	-3.272	-7.386	-2.649
152.0	-2.696	-3.262	-7.461	-2.795
152.2	-2.733	-3.222	-7.452	-2.905
152.5	-2.753	-3.171	-7.44	-2.986
152.7	-2.851	-3.158	-7.533	-2.751
152.9	-2.995	-3.13	-7.554	-2.924
153.1	-3.099	-3.035	-7.439	-3.024
153.4	-3.25	-2.884	-7.342	-3.083
153.6	-3.364	-2.854	-7.434	-2.993
153.8	-3.414	-2.764	-7.267	-2.97
154.0	-3.406	-2.681	-7.083	-3.056
154.3	-3.358	-2.554	-7.103	-2.984
154.5	-3.306	-2.418	-7.01	-2.907
154.7	-3.265	-2.338	-6.988	-2.978
154.9	-3.208	-2.324	-7.117	-2.969
155.2	-3.151	-2.183	-7.15	-3.042
155.4	-3.155	-2.143	-7.325	-3.051
155.6	-3.144	-2.16	-7.455	-3.058
155.8	-3.158	-2.21	-7.715	-3.143
156.1	-3.221	-2.135	-7.711	-3.179
156.3	-3.267	-2.194	-7.836	-3.161
156.5	-3.338	-2.235	-7.822	-3.238
156.7	-3.284	-2.362	-7.822	-3.198
157.0	-3.322	-2.47	-7.75	-3.009
157.2	-3.383	-2.512	-7.794	-3.088
157.4	-3.425	-2.607	-7.655	-2.995
157.6	-3.483	-2.565	-7.733	-2.746
157.9	-3.494	-2.623	-7.778	-2.663
158.1	-3.586	-2.635	-7.569	-2.674
158.3	-3.649	-2.513	-7.622	-2.703
158.5	-3.75	-2.494	-7.641	-2.646
158.8	-3.72	-2.363	-7.637	-2.588
159.0	-3.692	-2.252	-7.557	-2.802
159.2	-3.654	-2.177	-7.491	-2.831
159.4	-3.592	-2.108	-7.508	-3.026

159.7	-8.646	-11.025	-7.95	-10.12
159.9	-8.689	-10.733	-7.821	-10.405
160.1	-8.695	-10.441	-7.843	-10.571
160.3	-8.848	-10.192	-7.874	-10.705
160.5	-9.007	-10.105	-7.891	-10.549
160.8	-8.974	-9.951	-7.699	-10.837
161.0	-9.122	-9.78	-7.566	-10.876
161.2	-9.179	-9.696	-7.346	-10.733
161.4	-9.165	-9.744	-7.121	-10.936
161.7	-9.079	-9.675	-6.968	-10.817
161.9	-9.103	-9.544	-7.006	-10.997
162.1	-9.011	-9.467	-6.998	-10.933
162.3	-8.788	-9.497	-7.131	-10.97
162.6	-8.693	-9.499	-7.055	-11.126
162.8	-8.569	-9.433	-7.161	-11.067
163.0	-8.409	-9.304	-7.321	-11.106
163.2	-8.208	-9.194	-7.437	-11.146
163.5	-8.061	-9.032	-7.369	-11.036
163.7	-7.811	-8.942	-7.477	-10.962
163.9	-7.742	-8.834	-7.569	-10.736
164.1	-7.579	-8.727	-7.514	-10.767
164.4	-7.460	-8.585	-7.347	-10.457
164.6	-7.239	-8.471	-7.387	-10.371
164.8	-7.223	-8.426	-7.264	-10.142
165.0	-7.147	-8.344	-7.099	-10.104
165.3	-7.091	-8.202	-6.924	-9.955
165.5	-7.097	-8.239	-6.829	-9.919
165.7	-6.967	-8.244	-6.63	-9.762
165.9	-6.986	-8.194	-6.569	-9.791
166.2	-7.053	-8.246	-6.433	-9.745
166.4	-7.005	-8.27	-6.345	-9.866
166.6	-7.014	-8.448	-6.313	-9.865
166.8	-6.967	-8.38	-6.257	-9.888
167.1	-6.859	-8.497	-6.268	-9.818
167.3	-6.822	-8.355	-6.374	-9.625
167.5	-6.793	-8.383	-6.376	-9.854
167.7	-6.667	-8.284	-6.582	-9.944
168.0	-6.559	-8.138	-6.645	-9.844
168.2	-6.448	-8.116	-6.806	-10.074
168.4	-6.330	-7.83	-6.819	-10.063
168.6	-6.201	-7.861	-7.048	-10.066
168.9	-6.131	-7.55	-7.067	-10.155
169.1	-5.938	-7.473	-7.099	-10.315
169.3	-5.866	-7.429	-6.984	-10.186
169.5	-5.770	-7.248	-6.881	-10.254
169.8	-5.757	-7.023	-6.835	-10.108
170.0	-5.537	-6.943	-6.821	-10.01
170.2	-5.538	-6.652	-6.601	-9.949
170.4	-5.504	-6.488	-6.418	-9.687
170.7	-5.386	-6.314	-6.41	-9.514
170.9	-5.383	-6.184	-6.386	-9.226
171.1	-5.259	-6.096	-6.419	-9.024
171.3	-5.287	-5.794	-6.465	-8.863
171.6	-5.250	-5.859	-6.477	-8.527
171.8	-5.237	-5.861	-6.644	-8.563
172.0	-5.198	-5.79	-6.769	-8.389
172.2	-5.189	-5.746	-6.864	-8.214
172.5	-5.201	-5.767	-6.582	-8.186
172.7	-5.158	-5.756	-6.435	-8.374
172.9	-5.203	-5.854	-6.153	-8.383
173.1	-5.199	-5.887	-5.945	-8.535
173.4	-5.192	-5.992	-5.827	-8.827
173.6	-5.055	-6.069	-5.674	-9.043
173.8	-5.181	-6.233	-5.508	-9.148
174.0	-5.215	-6.391	-5.407	-8.712
174.3	-5.155	-6.548	-5.203	-8.763
174.5	-5.146	-6.641	-5.173	-8.818
174.7	-5.114	-6.688	-5.025	-8.558
174.9	-5.127	-6.764	-5.043	-8.601
175.2	-5.025	-6.879	-4.875	-8.6
175.4	-5.072	-6.949	-4.955	-8.567
175.6	-5.063	-6.946	-4.824	-8.585
175.8	-5.070	-6.994	-4.814	-8.543
176.1	-5.061	-7.087	-4.752	-8.463
176.3	-5.078	-7.023	-4.754	-8.58
176.5	-5.164	-7.149	-4.616	-8.527
176.7	-5.165	-7.168	-4.532	-8.485
177.0	-5.217	-7.198	-4.439	-8.561
177.2	-5.157	-7.162	-4.304	-8.404
177.4	-5.212	-7.359	-4.195	-8.434
177.6	-5.235	-7.379	-4.078	-8.427
177.9	-5.266	-7.376	-3.883	-8.207
178.1	-5.278	-7.399	-3.851	-8.036
178.3	-5.328	-7.431	-3.784	-7.947
178.5	-5.334	-7.448	-3.623	-7.688
178.8	-5.392	-7.437	-3.593	-7.521
179.0	-5.435	-7.323	-3.579	-7.248
179.2	-5.493	-7.525	-3.552	-7.072
179.4	-5.561	-7.452	-3.566	-6.933

159.7	0.357	-2.229	-1.172	1.17
159.9	0.437	-2.194	-1.021	1.257
160.1	0.562	-2.122	-0.898	1.357
160.3	0.709	-2.169	-0.844	1.499
160.5	0.902	-2.187	-0.733	1.519
160.8	1.064	-2.056	-0.6	1.566
161.0	1.217	-1.861	-0.455	1.46
161.2	1.317	-1.83	-0.387	1.389
161.4	1.379	-1.69	-0.262	1.253
161.7	1.43	-1.475	-0.139	1.152
161.9	1.458	-1.176	-0.089	0.975
162.1	1.414	-1.126	0.022	0.827
162.3	1.359	-1.037	0.119	0.722
162.6	1.328	-0.902	0.09	0.624
162.8	1.317	-0.696	0.009	0.684
163.0	1.372	-0.552	-0.007	0.848
163.2	1.375	-0.55	-0.051	1.104
163.5	1.458	-0.497	-0.153	1.178
163.7	1.605	-0.438	-0.305	1.226
163.9	1.652	-0.403	-0.426	1.402
164.1	1.715	-0.342	-0.567	1.488
164.4	1.724	-0.36	-0.722	1.508
164.6	1.685	-0.478	-0.847	1.441
164.8	1.638	-0.48	-1.006	1.409
165.0	1.539	-0.402	-1.11	1.403
165.3	1.425	-0.446	-1.131	1.381
165.5	1.322	-0.633	-1.177	1.12
165.7	1.236	-0.653	-1.068	0.968
165.9	1.186	-0.623	-1.008	0.887
166.2	1.219	-0.786	-0.861	0.853
166.4	1.262	-0.966	-0.806	0.783
166.6	1.359	-1.09	-0.595	0.67
166.8	1.44	-1.231	-0.404	0.537
167.1	1.547	-1.375	-0.338	0.451
167.3	1.634	-1.441	-0.226	0.241
167.5	1.623	-1.647	-0.142	0.08
167.7	1.663	-1.703	-0.004	0.135
168.0	1.655	-1.684	0.038	0.135
168.2	1.645	-1.721	0.143	0.244
168.4	1.612	-1.814	0.254	0.401
168.6	1.604	-1.65	0.288	0.465
168.9	1.634	-1.638	0.353	0.566
169.1	1.691	-1.633	0.467	0.693
169.3	1.752	-1.548	0.522	0.88
169.5	1.899	-1.445	0.583	0.973
169.8	2.098	-1.367	0.664	1.032
170.0	2.24	-1.367	0.666	1.098
170.2	2.287	-1.307	0.697	1.178
170.4	2.344	-1.228	0.746	1.197
170.7	2.323	-1.226	0.742	1.142
170.9	2.281	-1.143	0.778	1.084
171.1	2.209	-1.099	0.759	0.95
171.3	2.043	-1.125	0.755	0.902
171.6	1.936	-1.006	0.669	0.749
171.8	1.821	-0.9	0.563	0.579
172.0	1.735	-0.848	0.551	0.479
172.2	1.678	-0.696	0.492	0.403
172.5	1.678	-0.63	0.4	0.323
172.7	1.706	-0.519	0.399	0.256
172.9	1.721	-0.4	0.397	0.258
173.1	1.688	-0.337	0.46	0.26
173.4	1.661	-0.386	0.553	0.194
173.6	1.583	-0.377	0.64	0.303
173.8	1.467	-0.245	0.704	0.321
174.0	1.291	-0.243	0.769	0.446
174.3	1.092	-0.374	0.937	0.501
174.5	0.902	-0.379	1.105	0.573
174.7	0.67	-0.328	1.352	0.655
174.9	0.544	-0.331	1.438	0.792
175.2	0.446	-0.408	1.525	0.962
175.4	0.443	-0.414	1.636	0.996
175.6	0.497	-0.432	1.744	1.048
175.8	0.64	-0.375	1.832	1.184
176.1	0.742	-0.405	1.978	1.258
176.3	0.819	-0.437	1.951	1.365
176.5	0.871	-0.492	2.049	1.443
176.7	0.911	-0.436	2.013	1.487
177.0	0.973	-0.474	1.997	1.558
177.2	0.988	-0.416	1.998	1.597
177.4	1.072	-0.444	2.019	1.72
177.6	1.178	-0.403	1.989	1.619
177.9	1.279	-0.362	1.912	1.619
178.1	1.434	-0.308	1.611	1.674
178.3	1.526	-0.307	1.694	1.708
178.5	1.66	-0.344	1.673	1.736
178.8	1.787	-0.228	1.579	1.655
179.0	1.816	-0.235	1.44	1.661
179.2	1.79	-0.181	1.199	1.707
179.4	1.738	-0.231	1.07	1.718

159.7	-3.542	-1.997	-7.571	-3.242
159.9	-3.466	-2.026	-7.601	-3.358
160.1	-3.345	-1.968	-7.756	-3.534
160.3	-3.402	-1.982	-7.895	-3.557
160.5	-3.386	-1.972	-8.035	-3.558
160.8	-3.292	-2.021	-8.269	-3.5
161.0	-3.278	-2.089	-8.378	-3.44
161.2	-3.218	-2.089	-8.594	-3.281
161.4	-3.244	-2.166	-8.727	-3.041
161.7	-3.197	-2.376	-8.654	-2.887
161.9	-2.964	-2.33	-8.635	-2.714
162.1	-2.84	-2.338	-8.658	-2.554
162.3	-2.642	-2.376	-8.573	-2.434
162.6	-2.493	-2.432	-8.395	-2.236
162.8	-2.355	-2.39	-8.405	-2.202
163.0	-2.312	-2.349	-8.329	-2.104
163.2	-2.259	-2.345	-8.186	-2.058
163.5	-2.2	-2.388	-8.194	-2.058
163.7	-2.23	-2.449	-8.379	-1.943
163.9	-2.25	-2.517	-8.524	-1.93
164.1	-2.218	-2.512	-8.469	-1.916
164.4	-2.115	-2.536	-8.677	-1.894
164.6	-2.136	-2.679	-9.116	-1.781
164.8	-2.108	-2.719	-9.261	-1.883
165.0	-2.141	-2.776	-9.077	-1.881
165.3	-2.18	-2.742	-8.985	-1.848
165.5	-2.216	-2.918	-8.749	-1.79
165.7	-2.43	-2.871	-8.439	-1.875
165.9	-2.549	-2.929	-8.609	-1.881
166.2	-2.673	-2.919	-8.557	-1.897
166.4	-2.887	-2.927	-8.371	-1.929
166.6	-3.151	-2.956	-8.39	-1.917
166.8	-3.159	-3.052	-8.307	-2.058
167.1	-3.312	-3.084	-8.248	-1.987
167.3	-3.309	-3.112	-8.594	-1.889
167.5	-3.265	-3.132	-9.094	-1.841
167.7	-3.314	-3.095	-9.396	-1.697
168.0	-3.406	-3.101	-9.915	-1.521
168.2	-3.413	-3.131	-10.599	-1.354
168.4	-3.447	-3.119	-11.542	-1.202
168.6	-3.511	-3.067	-11.771	-1.015
168.9	-3.599	-3.046	-12.383	-0.874
169.1	-3.635	-3.077	-12.465	-0.744
169.3	-3.64	-2.989	-12.441	-0.703
169.5	-3.682	-3.028	-12.514	-0.665
169.8	-3.639	-3.074	-12.371	-0.727
170.0	-3.591	-2.987	-12.402	-0.7
170.2	-3.536	-3.001	-12.269	-0.765
170.4	-3.469	-2.919	-12.08	-0.812
170.7	-3.42	-2.95	-11.966	-0.861
170.9	-3.332	-2.853	-11.39	-0.891
171.1	-3.237	-2.781	-11.506	-0.802
171.3	-3.25	-2.746	-11.189	-0.877
171.6	-3.256	-2.733	-10.861	-0.771
171.8	-3.287	-2.683	-10.847	-0.752
172.0	-3.159	-2.724	-10.568	-0.75
172.2	-3.197	-2.729	-10.727	-0.703
172.5	-3.236	-2.739	-10.881	-0.606
172.7	-3.237	-2.651	-10.886	-0.609
172.9	-3.228	-2.733	-10.86	-0.692
173.1	-3.29	-2.698	-11.133	-0.679
173.4	-3.276	-2.722	-11.395	-0.624
173.6	-3.35	-2.653	-11.707	-0.7
173.8	-3.414	-2.659	-11.348	-0.703
174.0	-3.444	-2.495	-10.985	-0.606
174.3	-3.455	-2.448	-10.346	-0.651
174.5	-3.442	-2.352	-9.887	-0.589
174.7	-3.35	-2.32	-9.39	-0.497
174.9	-3.213	-2.229	-8.933	-0.411
175.2	-3.084	-2.241	-8.62	-0.298
175.4	-2.965	-2.241	-8.286	-0.136
175.6	-2.805	-2.232	-8.208	-0.045
175.8	-2.77	-2.318	-8.071	0.071
176.1	-2.718	-2.296	-8.091	0.156
176.3	-2.697	-2.255	-8.138	0.244
176.5	-2.664	-2.224	-8.323	0.32
176.7	-2.724	-2.243	-8.177	0.408
177.0	-2.632	-2.055	-8.193	0.31
177.2	-2.544	-1.929	-8.19	0.289
177.4	-2.434	-1.905	-8.088	0.283
177.6	-2.303	-1.789	-7.896	0.232
177.9	-2.295	-1.639	-7.588	0.268
178.1	-2.297	-1.562	-7.405	0.172
178.3	-2.298	-1.449	-7.115	0.14
178.5	-2.316	-1.373	-6.953	0.224
178.8	-2.369	-1.307	-6.865	0.285
179.0	-2.443	-1.227	-6.725	0.276
179.2	-2.513	-1.189	-6.659	0.259
179.4	-2.602	-1.189	-6.779	0.353

179.7	-5.640	-7.689	-3.671	-6.7
179.9	-5.611	-7.775	-3.582	-6.606
180.1	-5.757	-7.816	-3.585	-6.485
180.3	-5.879	-8.162	-3.631	-6.266
180.6	-5.902	-8.277	-3.6	-6.208
180.8	-5.902	-8.396	-3.618	-6.18
181.0	-5.954	-8.422	-3.628	-6.048
181.2	-5.996	-8.569	-3.592	-6.056
181.5	-5.947	-8.741	-3.753	-6.095
181.7	-6.025	-8.639	-3.828	-5.998
181.9	-6.090	-8.838	-3.927	-6.046
182.1	-6.151	-8.898	-4.124	-6.007
182.4	-6.305	-9.022	-4.189	-6.025
182.6	-6.395	-9.989	-4.286	-5.91
182.8	-6.592	-9.122	-4.339	-5.971
183.0	-6.648	-9.131	-4.394	-5.973
183.3	-6.828	-9.084	-4.429	-6.021
183.5	-6.912	-9.054	-4.502	-6.114
183.7	-7.036	-8.909	-4.601	-6.087
183.9	-7.052	-8.956	-4.701	-6.135
184.2	-7.076	-8.875	-4.78	-6.223
184.4	-6.963	-8.903	-4.77	-6.278
184.6	-6.987	-9.034	-5.046	-6.278
184.8	-6.958	-8.934	-5.224	-6.245
185.1	-7.037	-9.012	-5.556	-6.04
185.3	-7.052	-8.987	-5.323	-6.053
185.5	-7.086	-9.051	-5.523	-6.063
185.7	-7.180	-9.19	-5.564	-5.979
186.0	-7.366	-9.152	-5.739	-5.915
186.2	-7.525	-9.161	-5.801	-5.956
186.4	-7.613	-9.334	-5.858	-5.846
186.6	-7.906	-9.387	-5.858	-5.897
186.9	-8.056	-9.378	-5.962	-5.946
187.1	-8.150	-9.404	-6.083	-5.976
187.3	-8.280	-9.73	-6.086	-6.124
187.5	-8.207	-10.009	-6.404	-6.219
187.8	-8.349	-10.06	-6.482	-6.266
188.0	-8.292	-10.179	-6.737	-6.352
188.2	-8.448	-10.068	-6.935	-6.51
188.4	-8.563	-10.157	-6.948	-6.632
188.7	-8.546	-10.186	-7.126	-6.72
188.9	-8.549	-10.198	-7.2	-6.683
189.1	-8.646	-10.131	-7.245	-7.163
189.3	-8.558	-10.125	-7.325	-7.387
189.6	-8.672	-10.217	-7.423	-7.692
189.8	-8.601	-10.262	-7.511	-7.957
190.0	-8.463	-10.167	-7.642	-8.35
190.2	-8.347	-10.068	-7.796	-8.57
190.5	-8.157	-9.937	-7.683	-8.496
190.7	-8.012	-9.91	-7.827	-8.68
190.9	-7.886	-9.594	-7.698	-8.592
191.1	-7.748	-9.592	-7.609	-8.606
191.4	-7.659	-9.211	-7.423	-8.497
191.6	-7.483	-9.025	-7.329	-8.379
191.8	-7.403	-8.875	-7.138	-8.251
192.0	-7.229	-8.683	-7.086	-8.184
192.3	-7.119	-8.596	-6.92	-7.987
192.5	-7.102	-8.543	-6.747	-8.163
192.7	-7.026	-8.518	-6.788	-7.881
192.9	-6.885	-8.396	-6.553	-7.885
193.2	-6.788	-8.396	-6.487	-7.723
193.4	-6.656	-8.341	-6.349	-7.53
193.6	-6.559	-8.164	-6.084	-7.375
193.8	-6.498	-7.855	-5.975	-7.116
194.1	-6.536	-7.78	-5.797	-6.992
194.3	-6.524	-7.539	-5.605	-6.808
194.5	-6.731	-7.369	-5.39	-6.795
194.7	-6.824	-7.098	-5.236	-6.53
195.0	-6.938	-7.009	-5.078	-6.369
195.2	-7.100	-6.978	-4.799	-6.338
195.4	-7.215	-6.817	-4.627	-6.211
195.6	-7.176	-6.903	-4.48	-6.058
195.9	-7.301	-6.879	-4.114	-5.835
196.1	-7.311	-6.835	-4.052	-5.738
196.3	-7.280	-6.782	-3.824	-5.596
196.5	-7.260	-6.813	-3.582	-5.519
196.8	-7.203	-6.772	-3.413	-5.339
197.0	-7.243	-6.666	-3.241	-5.255
197.2	-7.154	-6.674	-3.074	-5.132
197.4	-7.219	-6.572	-2.948	-5.045
197.7	-7.119	-6.564	-2.756	-4.898
197.9	-7.188	-6.577	-2.63	-4.666
198.1	-7.182	-6.572	-2.451	-4.565
198.3	-7.143	-6.631	-2.336	-4.346
198.6	-7.019	-6.742	-2.271	-4.291
198.8	-6.832	-6.77	-2.184	-4.177
199.0	-6.717	-6.725	-2.026	-3.974
199.2	-6.535	-6.726	-1.802	-3.794
199.5	-6.320	-6.719	-1.739	-3.663

179.7	1.68	-0.249	0.926	1.605
179.9	1.567	-0.011	0.943	1.585
180.1	1.424	0.021	0.882	1.563
180.3	1.269	0.059	0.878	1.559
180.6	1.209	0.022	0.704	1.493
180.8	1.198	0.176	0.421	1.471
181.0	1.28	0.362	0.356	1.439
181.2	1.375	0.387	0.381	1.397
181.5	1.552	0.305	0.357	1.39
181.7	1.718	0.324	0.308	1.368
181.9	1.81	0.365	0	1.214
182.1	1.827	0.341	-0.095	1.114
182.4	1.798	0.18	-0.051	1.067
182.6	1.769	0.112	-0.13	1.003
182.8	1.694	0.056	-0.567	1.028
183.0	1.505	-0.036	-0.81	1.054
183.3	1.308	-0.099	-0.747	1.203
183.5	1.136	-0.236	-0.747	1.309
183.7	1.037	-0.36	-0.782	1.508
183.9	1.003	-0.339	-0.763	1.62
184.2	0.999	-0.425	-0.819	1.852
184.4	1.049	-0.488	-0.867	1.843
184.6	1.155	-0.589	-0.998	1.907
184.8	1.167	-0.613	-0.983	1.877
185.1	1.2	-0.631	-0.88	1.839
185.3	1.147	-0.719	-0.844	1.751
185.5	1.12	-0.741	-0.831	1.693
185.7	1	-0.916	-0.692	1.595
186.0	0.958	-0.904	-0.57	1.607
186.2	0.834	-0.949	-0.561	1.663
186.4	0.768	-0.942	-0.566	1.77
186.6	0.782	-0.867	-0.605	1.853
186.9	0.884	-0.66	-0.699	1.94
187.1	0.957	-0.462	-0.775	1.965
187.3	1.027	-0.366	-0.87	2.009
187.5	1.15	-0.2	-1.108	1.99
187.8	1.271	-0.043	-1.28	1.932
188.0	1.338	-0.014	-1.341	1.852
188.2	1.252	-0.025	-1.404	1.833
188.4	1.17	-0.056	-1.504	1.748
188.7	1.159	-0.086	-1.089	1.727
188.9	1.105	-0.084	-0.757	1.791
189.1	0.858	0.011	-0.835	1.897
189.3	0.645	0.122	-1.189	1.934
189.6	0.56	0.318	-0.987	2.04
189.8	0.489	0.588	-0.434	2.1
190.0	0.485	0.784	-0.116	2.15
190.2	0.585	0.987	-0.127	2.131
190.5	0.735	1.071	-0.096	2.062
190.7	0.907	1.171	0.172	1.962
190.9	1.081	1.21	0.198	1.838
191.1	1.222	1.153	0.142	1.735
191.4	1.303	1.091	0.29	1.688
191.6	1.379	1.028	0.481	1.59
191.8	1.42	0.854	0.524	1.613
192.0	1.395	0.84	0.483	1.75
192.3	1.308	0.812	0.413	1.78
192.5	1.209	0.792	0.422	1.836
192.7	1.109	0.896	0.591	1.876
192.9	0.999	1.159	0.554	1.831
193.2	0.923	1.292	0.466	1.763
193.4	0.768	1.327	0.405	1.641
193.6	0.792	1.361	0.411	1.561
193.8	0.746	1.433	0.311	1.476
194.1	0.73	1.42	0.248	1.49
194.3	0.7	1.275	0.074	1.466
194.5	0.734	1.125	0.025	1.513
194.7	0.767	0.973	-0.081	1.592
195.0	0.714	0.804	-0.138	1.654
195.2	0.666	0.747	-0.338	1.622
195.4	0.554	0.691	-0.721	1.567
195.6	0.44	0.791	-0.748	1.666
195.9	0.234	0.962	-0.784	1.4
196.1	0.076	1.082	-0.614	1.228
196.3	-0.106	1.208	-0.999	0.969
196.5	-0.396	1.303	-1.2	0.798
196.8	-0.562	1.358	-1.238	0.669
197.0	-0.738	1.362	-1.295	0.568
197.2	-0.851	1.313	-1.318	0.595
197.4	-0.993	1.241	-1.473	0.547
197.7	-1.106	1.119	-1.414	0.618
197.9	-1.185	1.042	-1.324	0.632
198.1	-1.215	1.073	-1.455	0.654
198.3	-1.335	1.134	-1.637	0.628
198.6	-1.499	1.242	-1.481	0.605
198.8	-1.535	1.408	-1.347	0.696
199.0	-1.584	1.624	-1.381	0.59
199.2	-1.664	1.741	-1.394	0.663
199.5	-1.746	1.808	-1.305	0.782

179.7	-2.623	-1.24	-6.742	0.484
179.9	-2.662	-1.256	-6.729	0.505
180.1	-2.661	-1.348	-6.806	0.419
180.3	-2.66	-1.421	-6.809	0.484
180.6	-2.64	-1.474	-6.701	0.482
180.8	-2.602	-1.522	-6.715	0.44
181.0	-2.485	-1.713	-6.404	0.355
181.2	-2.398	-1.766	-6.415	0.365
181.5	-2.346	-1.825	-6.327	0.298
181.7	-2.161	-1.911	-6.241	0.276
181.9	-2.083	-1.902	-6.022	0.277
182.1	-2.007	-1.9	-6.216	0.215
182.4	-1.892	-1.825	-6.252	0.346
182.6	-1.826	-1.83	-6.242	0.423
182.8	-1.731	-1.824	-6.232	0.443
183.0	-1.65	-1.743	-6.301	0.465
183.3	-1.584	-1.696	-6.314	0.592
183.5	-1.645	-1.726	-6.287	0.712
183.7	-1.612	-1.776	-6.183	0.787
183.9	-1.609	-1.791	-5.955	0.759
184.2	-1.668	-1.819	-5.697	0.827
184.4	-1.767	-1.879	-5.425	0.889
184.6	-1.788	-1.877	-5.143	0.937
184.8	-1.891	-1.889	-5.027	0.989
185.1	-1.919	-1.906	-4.839	0.941
185.3	-2.096	-1.882	-4.868	1.003
185.5	-2.161	-1.936	-4.851	1.009
185.7	-2.203	-1.908	-4.785	1.064
186.0	-2.275	-1.885	-4.813	1.078
186.2	-2.276	-1.853	-4.821	1.048
186.4	-2.337	-1.906	-4.721	1.134
186.6	-2.356	-1.944	-4.793	1.105
186.9	-2.308	-1.983	-4.544	1.037
187.1	-2.336	-2.022	-4.356	0.924
187.3	-2.344	-2.015	-4.181	0.909
187.5	-2.305	-2.237	-3.923	0.768
187.8	-2.261	-2.421	-3.694	0.731
188.0	-2.148	-2.508	-3.587	0.598
188.2	-2.046	-2.553	-3.429	0.468
188.4	-1.986	-2.572	-3.44	0.359
188.7	-1.916	-2.686	-3.435	0.399
188.9	-1.83	-2.492	-3.388	0.209
189.1	-1.734	-2.486	-3.268	0.11
189.3	-1.678	-2.479	-3.338	0.126
189.6	-1.616	-2.445	-3.35	0.057
189.8	-1.437	-2.474	-3.074	0.09
190.0	-1.469	-2.427	-3.018	0

199.7	-6.174	-6.596	-1.553	-3.521
199.9	-5.973	-6.533	-1.535	-3.499
200.1	-5.732	-6.402	-1.423	-3.328
200.3	-5.610	-6.145	-1.288	-3.198
200.6	-5.409	-6.19	-1.232	-3.03
200.8	-5.336	-6.124	-1.197	-2.919
201.0	-5.157	-6.073	-1.159	-2.771
201.2	-5.104	-5.959	-1.209	-2.675
201.5	-5.017	-5.987	-1.177	-2.568
201.7	-4.928	-6.073	-1.233	-2.519
201.9	-4.928	-5.987	-1.2	-2.458
202.1	-4.830	-5.981	-1.233	-2.426
202.4	-4.831	-5.998	-1.195	-2.381
202.6	-4.755	-5.867	-1.273	-2.349
202.8	-4.800	-5.77	-1.297	-2.319
203.0	-4.846	-5.743	-1.364	-2.289
203.3	-4.909	-5.655	-1.366	-2.241
203.5	-4.979	-5.676	-1.473	-2.11
203.7	-5.061	-5.612	-1.619	-2.107
203.9	-5.092	-5.555	-1.746	-2.011
204.2	-5.111	-5.676	-1.759	-2.013
204.4	-5.084	-5.701	-1.916	-2.045
204.6	-5.084	-5.745	-1.972	-1.985
204.8	-5.050	-5.699	-1.983	-2.117
205.1	-5.084	-5.726	-1.954	-2.252
205.3	-5.081	-5.621	-1.937	-2.313
205.5	-5.128	-5.422	-1.88	-2.402
205.7	-5.064	-5.465	-1.893	-2.474
206.0	-5.165	-5.439	-1.841	-2.5
206.2	-5.038	-5.449	-1.882	-2.524
206.4	-5.192	-5.374	-1.898	-2.525
206.6	-5.226	-5.415	-1.962	-2.639
206.9	-5.214	-5.551	-1.994	-2.563
207.1	-5.182	-5.593	-2.029	-2.673
207.3	-5.211	-5.683	-1.942	-2.843
207.5	-5.055	-5.784	-1.979	-2.86
207.8	-5.031	-5.802	-1.855	-3.068
208.0	-4.938	-5.887	-1.891	-3.188
208.2	-4.865	-6.028	-1.819	-3.359
208.4	-4.867	-6.038	-1.761	-3.454
208.7	-4.892	-6.153	-1.751	-3.443
208.9	-4.828	-6.217	-1.804	-3.581
209.1	-4.864	-6.421	-1.827	-3.598
209.3	-4.932	-6.5	-1.83	-3.56
209.6	-4.925	-6.633	-1.939	-3.572
209.8	-4.972	-6.681	-1.967	-3.625
210.0	-4.846	-6.91	-2.057	-3.667
210.2	-4.942	-6.888	-2.126	-3.626
210.5	-4.959	-6.954	-2.146	-3.63
210.7	-4.920	-6.988	-2.151	-3.565
210.9	-4.851	-6.955	-2.13	-3.65
211.1	-4.848	-7.018	-2.121	-3.511
211.4	-4.852	-6.999	-2.115	-3.566
211.6	-4.870	-7.104	-2.046	-3.547
211.8	-4.975	-7.157	-2.078	-3.367
212.0	-4.951	-7.135	-2.051	-3.357
212.3	-5.101	-7.253	-2.093	-3.273
212.5	-5.196	-7.34	-2.102	-3.193
212.7	-5.268	-7.326	-2.212	-3.24
212.9	-5.312	-7.499	-2.286	-3.28
213.2	-5.381	-7.517	-2.427	-3.21
213.4	-5.453	-7.48	-2.499	-3.3
213.6	-5.404	-7.534	-2.573	-3.329
213.8	-5.477	-7.468	-2.735	-3.34
214.1	-5.409	-7.522	-2.819	-3.458
214.3	-5.479	-7.342	-2.843	-3.542
214.5	-5.468	-7.392	-3.099	-3.647
214.7	-5.457	-7.393	-3.211	-3.801
215.0	-5.555	-7.22	-3.297	-3.819
215.2	-5.530	-7.356	-3.455	-3.948
215.4	-5.707	-7.356	-3.569	-4.116
215.6	-5.777	-7.373	-3.735	-4.158
215.9	-5.942	-7.452	-3.73	-4.241
216.1	-6.026	-7.456	-3.944	-4.334
216.3	-6.059	-7.495	-4.09	-4.326
216.5	-6.204	-7.442	-4.217	-4.265
216.8	-6.320	-7.493	-4.116	-4.475
217.0	-6.361	-7.441	-4.232	-4.621
217.2	-6.367	-7.478	-4.285	-4.681
217.4	-6.422	-7.434	-4.136	-4.816
217.7	-6.394	-7.396	-4.073	-5.016
217.9	-6.539	-7.514	-3.871	-5.132
218.1	-6.633	-7.548	-3.812	-5.2
218.3	-6.792	-7.68	-3.685	-5.402
218.6	-6.850	-7.708	-3.549	-5.517
218.8	-7.047	-7.851	-3.354	-5.494
219.0	-7.183	-7.936	-3.232	-5.617
219.2	-7.240	-8.063	-3.105	-5.692
219.5	-7.445	-8.203	-2.987	-5.735

199.7	-1.724	1.855	-1.106	0.945
199.9	-1.707	1.888	-1.097	1.081
200.1	-1.645	1.767	-1.11	1.141
200.3	-1.654	1.638	-0.979	1.162
200.6	-1.638	1.476	-0.696	1.103
200.8	-1.579	1.286	-0.585	1.02
201.0	-1.564	1.151	-0.622	1.081
201.2	-1.585	1.008	-0.796	0.64
201.5	-1.503	0.937	-0.534	0.455
201.7	-1.597	0.996	-0.142	0.246
201.9	-1.566	1.076	-0.103	0.165
202.1	-1.609	1.196	-0.181	0.354
202.4	-1.613	1.26	-0.166	0.534
202.6	-1.61	1.289	0.156	0.681
202.8	-1.611	1.334	0.084	0.883
203.0	-1.584	1.32	0.067	1.057
203.3	-1.598	1.233	0.196	1.049
203.5	-1.572	1.169	0.201	0.966
203.7	-1.589	1.029	0.219	0.786
203.9	-1.603	0.984	0.211	0.651
204.2	-1.733	0.854	0.117	0.502
204.4	-1.882	0.772	0.042	0.318
204.6	-1.975	0.684	-0.039	0.139
204.8	-2.147	0.676	-0.166	0.171
205.1	-2.33	0.682	-0.396	0.229
205.3	-2.587	0.615	-0.558	0.269
205.5	-2.858	0.54	-0.789	0.37
205.7	-2.984	0.537	-1.214	0.374
206.0	-3.041	0.488	-1.564	0.363
206.2	-3.098	0.405	-1.816	0.344
206.4	-3.215	0.341	-2.322	0.188
206.6	-3.286	0.327	-2.823	0.065
206.9	-3.358	0.404	-3.59	-0.239
207.1	-3.379	0.394	-4.05	-0.441
207.3	-3.484	0.427	-4.355	-0.67
207.5	-3.605	0.582	-4.856	-0.882
207.8	-3.652	0.566	-5.944	-0.966
208.0	-3.755	0.54	-6.94	-0.904
208.2	-3.816	0.487	-7.166	-0.79
208.4	-3.996	0.46	-7.242	-0.777
208.7	-4.054	0.418	-7.87	-0.813
208.9	-4.243	0.244	-7.797	-0.834
209.1	-4.36	0.169	-7.634	-0.744
209.3	-4.429	0.1	-7.297	-0.835
209.6	-4.562	-0.039	-6.936	-1.211
209.8	-4.746	-0.089	-6.586	-1.473
210.0	-4.864	-0.136	-6.358	-1.576
210.2	-5.032	-0.167	-6.412	-1.605
210.5	-5.196	-0.305	-6.246	-1.723
210.7	-5.387	-0.339	-5.953	-1.784
210.9	-5.526	-0.489	-6.091	-1.693
211.1	-5.721	-0.535	-6.385	-1.701
211.4	-5.869	-0.691	-6.465	-1.639
211.6	-5.969	-0.743	-6.657	-1.615
211.8	-5.973	-0.868	-6.965	-1.715
212.0	-6.022	-0.907	-7.217	-1.739
212.3	-6.154	-0.99	-7.355	-1.796
212.5	-6.179	-1.01	-7.646	-1.844
212.7	-6.299	-1.062	-7.769	-2.019
212.9	-6.333	-1.123	-7.896	-1.994
213.2	-6.4	-1.12	-8.12	-2.053
213.4	-6.473	-1.146	-8.348	-2.119
213.6	-6.561	-1.171	-7.773	-2.13
213.8	-6.775	-1.274	-7.606	-2.125
214.1	-6.81	-1.34	-7.406	-2.127
214.3	-6.913	-1.325	-7.228	-2.096
214.5	-7.051	-1.431	-6.887	-2.164
214.7	-7.14	-1.452	-6.818	-2.321
215.0	-7.282	-1.446	-6.675	-2.441
215.2	-7.382	-1.318	-6.499	-2.474
215.4	-7.445	-1.27	-6.582	-2.707
215.6	-7.556	-1.111	-6.643	-3.115
215.9	-7.697	-1.025	-6.618	-3.435
216.1	-7.839	-0.856	-6.637	-3.634
216.3	-7.983	-0.794	-6.554	-3.916
216.5	-8.113	-0.7	-6.731	-4.097
216.8	-8.258	-0.753	-6.841	-4.328
217.0	-8.438	-0.793	-7.178	-4.443
217.2	-8.657	-0.768	-7.107	-4.621
217.4	-8.83	-0.832	-7.195	-4.858
217.7	-9.064	-0.982	-7.218	-5.083
217.9	-9.173	-1.076	-7.041	-5.368
218.1	-9.257	-1.078	-6.922	-5.756
218.3	-9.383	-1.161	-6.833	-6.331
218.6	-9.578	-1.189	-6.401	-6.566
218.8	-9.394	-1.204	-5.98	-6.666
219.0	-9.515	-1.236	-5.714	-6.702
219.2	-9.605	-1.315	-5.256	-6.904
219.5	-9.657	-1.378	-4.792	-7.009

199.7	-1.634	-5.48	-0.942	-1.132
199.9	-1.658	-5.434	-1.041	-1.249
200.1	-1.606	-5.436	-1.047	-1.308
200.3	-1.59	-5.47	-0.995	-1.431
200.6	-1.514	-5.529	-0.901	-1.409
200.8	-1.508	-5.597	-0.945	-1.6
201.0	-1.488	-5.583	-0.812	-1.684
201.2	-1.486	-5.555	-0.783	-1.784
201.5	-1.452	-5.551	-0.739	-1.85
201.7	-1.415	-5.571	-0.756	-1.945
201.9	-1.348	-5.532	-0.732	-2.058
202.1	-1.329	-5.546	-0.666	-2.123
202.4	-1.384	-5.557	-0.745	-2.178
202.6	-1.376	-5.712	-0.796	-2.247
202.8	-1.365	-5.814	-0.859	-2.342
203.0	-1.383	-5.847	-0.896	-2.391
203.3	-1.42	-5.812	-1.003	-2.523
203.5	-1.464	-5.832	-1.078	-2.638
203.7	-1.537	-5.857	-1.111	-2.758
203.9	-1.592	-5.89	-1.187	-2.951
204.2	-1.66	-5.858	-1.244	-3.093
204.4	-1.744	-5.789	-1.245	-3.137
204.6	-1.809	-5.824	-1.288	-3.161
204.8	-1.774	-5.844	-1.322	-3.183
205.1	-1.891	-5.855	-1.339	-3.2
205.3	-2.042	-5.867	-1.46	-3.266
205.5	-2.097	-5.817	-1.489	-3.351
205.7	-2.178	-5.846	-1.597	-3.409
206.0	-2.297	-5.911	-1.627	-3.538
206.2	-2.363	-5.869	-1.582	-3.651
206.4	-2.341	-5.939	-1.547	-3.805
206.6	-2.438	-6.086	-1.553	-3.764
206.9	-2.399	-6.012	-1.557	-3.649
207.1	-2.366	-5.888	-1.558	-3.642
207.3	-2.408	-6.003	-1.542	-3.791
207.5	-2.348	-6.236	-1.537	-3.848
207.8	-2.317	-6.021	-1.538	-4.03
208.0	-2.341	-5.859	-1.568	-4.195
208.2	-2.335	-5.852	-1.607	-4.289
208.4	-2.252	-5.84	-1.639	-4.498
208.7	-2.218	-5.693	-1.738	-4.458
208.9	-2.178	-5.559	-1.838	-4.535
209.1	-2.136	-5.608	-1.816	-4.481
209.3	-2.139	-5.562	-1.792	-4.407
209.6	-2.088	-5.596	-1.757	-4.209
209.8	-2.136	-5.576	-1.768	-4.281
210.0	-2.175	-5.667	-1.749	-4.305
210.2	-2.183	-5.723	-1.707	-4.326
210.5	-2.227	-5.798	-1.76	-4.353
210.7	-2.224	-5.894	-1.729	-4.362
210.9	-2.329	-5.98	-1.849	-4.427
211.1	-2.389	-6.09	-1.97	-4.287
211.4	-2.508	-6.257	-1.977	-4.396
211.6	-2.607	-6.378	-2.111	-4.285
211.8	-2.688	-6.505	-2.312	-4.099
212.0	-2.821	-6.411	-2.439	-4.087
212.3	-2.89	-6.444	-2.562	-3.862
212.5	-2.988	-6.631	-2.717	-3.779
212.7	-3.048	-6.369	-2.795	-3.626
212.9	-3.172	-6.174	-2.984	-3.654
213.2	-3.295	-6.211	-3.105	-3.594
213.4	-3.403	-6.192	-3.22	-3.637
213.6	-3.518	-6.048	-3.408	-3.536
213.8	-3.606	-5.923	-3.565	-3.481
214.1	-3.633	-5.981	-3.725	-3.433
214.3	-3.731	-5.979	-3.89	-3.382
214.5	-3.759	-6.053	-3.888	-3.316
214.7	-3.874	-6.126	-3.849	-3.321
215.0	-4.003	-6.343	-3.806	-3.352
215.2	-4.117	-6.332	-3.699	-3.268
215.4	-4.212	-6.303	-3.605	-3.499
215.6	-4.293	-6.517	-3.619	-3.634
215.9	-4.441	-6.402	-3.545	-3.903
216.1	-4.581	-6.19	-3.463	-4.112
216.3	-4.688	-6.011	-3.491	-4.339
216.5	-4.707	-6.067	-3.423	-4.619
216.8	-4.885	-5.768	-3.334	-4.95
217.0	-5.001	-5.618	-3.256	-5.072
217.2	-5.111	-5.43	-3.215	-5.069
217.4	-5.211	-5.379	-3.213	-5.202
217.7	-5.25	-5.227	-3.19	-5.244
217.9	-5.37	-5.191	-3.15	-5.192
218.1	-5.458	-5.181	-3.126	-5.186
218.3	-5.474	-5.039	-3.133	-5.249
218.6	-5.422	-5.064	-3.028	-5.246
218.8	-5.399	-5.147	-3.044	-5.256
219.0	-5.445	-5.046	-3.056	-5.222
219.2	-5.372	-5.056	-3.03	-5.116
219.5	-5.27	-5.11	-3.071	-4.959

219.7	-7.571	-8.333	-2.882	-5.868
219.9	-7.765	-8.483	-2.762	-5.856
220.1	-7.998	-8.682	-2.586	-5.999
220.4	-8.042	-8.931	-2.462	-6.01
220.6	-8.300	-9.117	-2.292	-6.107
220.8	-8.417	-9.135	-2.19	-6.217
221.0	-8.674	-9.143	-2.045	-6.082
221.3	-8.766	-9.126	-1.959	-6.118
221.5	-9.006	-8.677	-1.872	-6.193
221.7	-9.068	-9.073	-1.846	-6.073
221.9	-9.029	-9.054	-1.824	-5.94
222.2	-8.996	-9.117	-1.852	-5.868
222.4	-9.024	-9.067	-1.863	-5.818
222.6	-9.104	-9.077	-1.843	-5.759
222.8	-9.136	-9.1	-1.985	-5.688
223.1	-9.157	-9.077	-2.069	-5.709
223.3	-9.396	-9.12	-2.132	-5.751
223.5	-9.469	-9.142	-2.218	-5.741
223.7	-9.774	-9.072	-2.258	-5.827
224.0	-9.953	-9.065	-2.382	-5.737
224.2	-10.285	-9.12	-2.546	-5.724
224.4	-10.532	-9.286	-2.639	-5.799
224.6	-10.773	-9.268	-2.697	-5.681
224.9	-11.161	-9.39	-2.901	-5.695
225.1	-11.293	-9.559	-3.022	-5.675
225.3	-11.858	-9.666	-3.108	-5.631
225.5	-12.041	-9.924	-3.216	-5.718
225.8	-11.807	-10.042	-3.275	-5.692
226.0	-11.537	-10.171	-3.279	-5.631
226.2	-11.442	-10.323	-3.329	-5.79
226.4	-11.306	-10.519	-3.261	-5.948
226.7	-11.304	-10.475	-3.264	-5.944
226.9	-11.175	-10.642	-3.174	-5.919
227.1	-11.164	-10.763	-3.123	-5.962
227.3	-11.111	-10.949	-3.057	-5.883
227.6	-11.009	-11.001	-3.009	-5.878
227.8	-11.000	-11.247	-3.071	-5.728
228.0	-11.028	-11.592	-3.106	-5.793
228.2	-11.020	-11.942	-3.153	-5.638
228.5	-10.995	-12.017	-3.167	-5.631
228.7	-11.033	-12.406	-3.213	-5.621
228.9	-11.040	-12.832	-3.425	-5.643
229.1	-11.179	-12.884	-3.432	-5.588
229.4	-11.176	-13.101	-3.571	-5.686
229.6	-11.159	-13.162	-3.665	-5.762
229.8	-11.474	-13.172	-3.75	-5.774
230.0	-11.484	-13.337	-3.801	-5.669
230.3	-11.383	-13.24	-4.001	-5.749
230.5	-11.212	-13.342	-4.187	-5.785
230.7	-11.256	-13.39	-4.355	-5.735
230.9	-11.136	-13.229	-4.419	-5.658
231.2	-10.910	-13.074	-4.633	-5.556
231.4	-10.446	-12.988	-4.774	-5.4
231.6	-10.313	-12.843	-4.888	-5.455
231.8	-9.992	-12.797	-4.987	-5.413
232.1	-9.764	-12.685	-5.051	-5.347
232.3	-9.539	-12.547	-5.117	-5.316
232.5	-9.357	-12.386	-5.174	-5.355
232.7	-9.134	-12.25	-5.165	-5.395
233.0	-9.103	-12.276	-5.193	-5.411
233.2	-9.018	-12.383	-5.301	-5.447
233.4	-9.062	-12.075	-5.28	-5.402
233.6	-9.079	-11.953	-5.259	-5.482
233.9	-9.174	-12.002	-5.373	-5.509
234.1	-9.297	-11.965	-5.419	-5.436
234.3	-9.357	-11.917	-5.473	-5.549
234.5	-9.450	-11.856	-5.614	-5.375
234.8	-9.534	-11.631	-5.815	-5.549
235.0	-9.578	-11.446	-5.897	-5.596
235.2	-9.573	-11.216	-6.004	-5.646
235.4	-9.412	-11.248	-6.22	-5.656
235.7	-9.245	-10.909	-6.23	-5.702
235.9	-9.195	-10.745	-6.426	-5.844
236.1	-9.087	-10.722	-6.526	-5.835
236.3	-8.963	-10.503	-6.576	-5.815
236.6	-8.853	-10.276	-6.602	-5.832
236.8	-8.700	-10.336	-6.713	-5.779
237.0	-8.581	-10.212	-6.709	-5.767
237.2	-8.566	-10.015	-6.83	-5.596
237.5	-8.427	-9.87	-6.787	-5.535
237.7	-8.448	-9.783	-7.026	-5.453
237.9	-8.361	-9.763	-6.989	-5.427
238.1	-8.285	-9.612	-6.989	-5.408
238.4	-8.275	-9.381	-7.119	-5.312
238.6	-8.207	-9.513	-7.141	-5.381
238.8	-8.194	-9.572	-7.077	-5.449
239.0	-8.189	-9.519	-7.14	-5.417
239.3	-8.249	-9.327	-7.285	-5.627
239.5	-8.100	-9.413	-7.114	-5.709

219.7	-9.681	-1.427	-4.553	-7.088
219.9	-9.646	-1.594	-4.166	-7.115
220.1	-9.668	-1.708	-4.001	-7.081
220.4	-9.668	-1.851	-3.844	-6.844
220.6	-9.754	-1.994	-3.541	-6.594
220.8	-9.801	-2.13	-3.476	-6.322
221.0	-9.76	-2.443	-3.448	-6.241
221.3	-10.112	-2.724	-3.379	-6.102
221.5	-10.198	-2.873	-3.334	-5.892
221.7	-10.345	-3.158	-3.334	-5.737
221.9	-10.447	-3.328	-3.271	-5.523
222.2	-10.524	-3.574	-3.302	-5.33
222.4	-10.573	-3.732	-3.297	-5.402
222.6	-10.695	-3.883	-3.304	-5.366
222.8	-10.711	-4.02	-3.35	-5.213
223.1	-10.867	-4.082	-3.373	-5.258
223.3	-10.909	-4.138	-3.465	-5.357
223.5	-10.981	-4.111	-3.476	-5.352
223.7	-11.068	-4.156	-3.609	-5.503
224.0	-11.147	-4.073	-3.77	-5.493
224.2	-11.197	-3.956	-3.891	-5.618
224.4	-11.302	-3.952	-4.036	-5.747
224.6	-11.405	-3.93	-4.011	-5.949
224.9	-11.447	-3.927	-3.963	-5.951
225.1	-11.826	-3.976	-3.955	-5.803
225.3	-12.066	-4.018	-3.984	-6.012
225.5	-12.223	-4.027	-3.884	-6.006
225.8	-12.45	-4.082	-3.839	-5.984
226.0	-12.688	-4.133	-3.869	-6.168
226.2	-12.65	-4.162	-3.883	-6.32
226.4	-12.287	-4.116	-3.903	-6.603
226.7	-11.907	-4.146	-3.789	-6.98
226.9	-11.858	-4.096	-3.801	-7.306
227.1	-11.736	-4.062	-3.823	-7.794
227.3	-11.595	-4.102	-3.864	-8.172
227.6	-11.529	-4.11	-3.972	-8.458
227.8	-11.562	-4.053	-3.957	-8.554
228.0	-11.508	-4.147	-3.963	-8.639
228.2	-11.435	-4.139	-4.263	-8.418
228.5	-11.202	-4.135	-4.372	-8.213
228.7	-11.011	-4.279	-4.583	-7.991
228.9	-11.061	-4.405	-4.746	-7.761
229.1	-11.044	-4.567	-4.965	-7.604
229.4	-10.889	-4.786	-5.215	-7.552
229.6	-10.517	-4.792	-5.4	-7.426
229.8	-10.518	-5.124	-5.643	-7.435
230.0	-10.348	-5.291	-5.731	-7.526
230.3	-10.289	-5.439	-5.817	-7.699
230.5	-10.041	-5.569	-5.888	-8.039
230.7	-9.553	-5.539	-5.803	-8.185
230.9	-9.665	-5.638	-5.741	-8.291
231.2	-9.501	-5.695	-5.68	-8.624
231.4	-9.275	-5.744	-5.512	-8.84
231.6	-9.094	-5.759	-5.471	-8.957
231.8	-8.91	-5.731	-5.293	-9.089
232.1	-8.739	-5.886	-5.347	-8.937
232.3	-8.577	-5.876	-5.353	-8.965
232.5	-8.452	-6.043	-5.43	-8.916
232.7	-8.49	-6.15	-5.518	-9.073
233.0	-8.33	-6.246	-5.606	-9.063
233.2	-8.252	-6.419	-5.731	-9.102
233.4	-8.194	-6.493	-5.809	-9.173
233.6	-8.134	-6.699	-5.983	-9.212
233.9	-8.003	-6.739	-5.971	-9.314
234.1	-7.998	-7.025	-6.077	-9.291
234.3	-7.831	-7.093	-6.153	-9.172
234.5	-7.825	-7.193	-6.146	-8.965
234.8	-7.714	-7.16	-5.966	-8.862
235.0	-7.598	-7.09	-5.741	-8.535
235.2	-7.547	-7.127	-5.573	-8.321
235.4	-7.523	-7.068	-5.298	-7.914
235.7	-7.559	-7.018	-5.169	-7.795
235.9	-7.67	-6.975	-4.92	-7.442
236.1	-7.782	-6.91	-4.768	-7.168
236.3	-7.919	-6.932	-4.588	-7.117
236.6	-8.166	-6.927	-4.474	-7.004
236.8	-8.382	-6.938	-4.353	-6.788
237.0	-8.555	-7.1	-4.236	-6.88
237.2	-8.676	-7.162	-4.183	-6.821
237.5	-8.962	-7.319	-4.106	-6.742
237.7	-9.109	-7.489	-4.051	-6.791
237.9	-9.146	-7.639	-3.992	-6.569
238.1	-9.207	-7.916	-4.005	-6.496
238.4	-9.361	-8.053	-4.022	-6.39
238.6	-9.382	-8.236	-3.994	-5.999
238.8	-9.254	-8.302	-3.82	-6.081
239.0	-9.368	-8.174	-3.77	-5.835
239.3	-9.361	-8.077	-3.642	-5.682
239.5	-9.519	-7.967	-3.476	-5.641

219.7	-5.261	-5.137	-3.022	-4.729
219.9	-5.146	-5.261	-3.015	-4.559
220.1	-5.129	-5.273	-3.091	-4.305
220.4	-5.128	-5.326	-3.143	-4.031
220.6	-4.949	-5.42	-3.225	-3.946
220.8	-4.953	-5.526	-3.224	-3.774
221.0	-4.887	-5.646	-3.474	-3.67
221.3	-4.933	-5.727	-3.648	-3.611
221.5	-4.768	-5.785	-3.998	-3.5
221.7	-4.805	-5.809	-4.267	-3.392
221.9	-4.728	-6.003	-4.641	-3.301
222.2	-4.62	-6.02	-4.99	-3.173
222.4	-4.545	-6.042	-5.383	-3.2
222.6	-4.482	-6.061	-5.695	-3.173
222.8	-4.409	-5.934	-6.006	-3.187
223.1	-4.318	-5.675	-6.28	-3.248
223.3	-4.287	-5.744	-6.571	-3.423
223.5	-4.174	-5.476	-6.616	-3.515
223.7	-4.107	-5.211	-6.726	-3.715
224.0	-4.132	-4.912	-6.67	-4.016
224.2	-3.947	-4.731	-6.362	-4.289
224.4	-3.975	-4.426	-6.018	-4.626
224.6	-3.968	-4.304	-5.586	-4.936
224.9	-3.942	-4.051	-5.466	-5.149
225.1	-3.914	-3.899	-5.086	-5.327
225.3	-3.913	-3.693	-4.796	-5.385
225.5	-3.963	-3.706	-4.581	-5.556
225.8	-3.959	-3.658	-4.464	-5.621
226.0	-3.97	-3.625	-4.182	-5.727
226.2	-4.039	-3.641	-4.181	-6.018
226.4	-4.045	-3.688	-4.122	-6.057
226.7	-4.182	-3.724	-4.038	-6.445
226.9	-4.281	-3.755	-3.901	-6.621
227.1	-4.373	-3.712	-3.94	-6.93
227.3	-4.519	-3.732	-3.915	-7.03
227.6	-4.673	-3.707	-3.933	-7.212
227.8	-4.798	-3.643	-4.01	-6.952
228.0	-4.928	-3.593	-4.161	-7.011
228.2	-5.213	-3.624	-4.264	-6.764
228.5	-5.37	-3.6	-4.4	-6.717
228.7	-5.607	-3.669	-4.532	-6.377
228.9	-5.732	-3.583	-4.736	-6.302
229.1	-5.853	-3.75	-4.818	-6.147
229.4	-6.025	-3.877	-5.062	-6.261
229.6	-6.25	-3.851	-5.154	-6.27
229.8	-6.503	-3.959	-5.409	-6.442
230.0	-6.623	-4.021	-5.577	-6.66
230.3	-6.675	-4.13	-5.811	-6.853
230.5	-6.94	-4.165	-5.911	-6.947
230.7	-7.088	-4.104	-6.208	-7.31
230.9	-7.221	-4.203	-6.366	-7.486
231.2	-7.335	-4.172	-6.418	-7.465
231.4	-7.39	-4.196	-6.609	-7.543
231.6	-7.633	-4.198	-6.749	-7.613
231.8	-7.7	-4.359	-6.795	-7.579
232.1	-7.651	-4.385	-7.025	-7.484
232.3	-7.694	-4.686	-7.152	-7.501
232.5	-7.833	-4.765	-7.133	-7.264
232.7	-7.803	-4.944	-7.419	-7.285
233.0	-7.814	-5.194	-7.45	-7.05
233.2	-7.762	-5.364	-7.459	-6.96
233.4	-7.71	-5.487	-7.346	-6.936
233.6	-7.611	-5.632	-7.339	-6.897
233.9	-7.554	-5.8	-7.059	-6.773
234.1	-7.47	-5.865	-7.104	-6.72
234.3	-7.434	-5.906	-6.926	-6.89
234.5	-7.3	-6.05	-6.861	-7.036
234.8	-7.238	-6.208	-6.891	-7.229
235.0	-7.139	-6.267	-6.723	-7.397
235.2	-7.062	-6.581	-6.891	-7.622
235.4	-7.098	-6.743	-7.038	-7.809
235.7	-6.946	-6.835	-7.238	-7.924
235.9	-6.805	-7.129	-7.279	-8.167
236.1	-6.669	-7.162	-7.395	-8.29
236.3	-6.779	-7.318	-7.474	-8.497
236.6	-6.644	-7.444	-7.436	-8.472
236.8	-6.614	-7.507	-7.394	-8.583
237.0	-6.554	-7.512	-7.534	-8.644
237.2	-6.475	-7.598	-7.474	-8.709
237.5	-6.503	-7.53	-7.669	-8.687
237.7	-6.383	-7.565	-7.649	-8.781
237.9	-6.389	-7.637	-7.714	-8.917
238.1	-6.382	-7.792	-7.653	-9.069
238.4	-6.351	-7.952	-7.806	-9.257
238.6	-6.53	-8.143	-7.968	-9.581
238.8	-6.578	-8.217	-8.123	-10.007
239.0	-6.639	-8.482	-8.462	-10.046
239.3	-6.731	-8.831	-8.558	-10.769
239.5	-6.752	-9.168	-9.053	-11.253

239.7	-8.338	-9.377	-7.127	-5.928
239.9	-8.338	-9.205	-7.07	-6.03
240.1	-8.485	-9.189	-7.015	-6.11
240.4	-8.572	-9.107	-7.045	-6.148
240.6	-8.639	-9.088	-6.962	-6.231
240.8	-8.763	-8.922	-6.832	-6.3
241.0	-8.943	-8.919	-6.777	-6.137
241.3	-9.118	-8.876	-6.917	-6.131
241.5	-9.171	-8.681	-6.879	-6.042
241.7	-9.340	-8.865	-7.026	-6.078
241.9	-9.464	-8.933	-6.979	-6.057
242.2	-9.597	-8.881	-7.198	-6.01
242.4	-9.653	-8.901	-7.289	-6.015
242.6	-9.632	-8.933	-7.286	-6.029
242.8	-9.639	-9.089	-7.46	-5.982
243.1	-9.567	-9.081	-7.602	-6.093
243.3	-9.446	-9.22	-7.716	-6.156
243.5	-9.487	-9.249	-7.727	-6.181
243.7	-9.375	-9.314	-7.738	-6.265
244.0	-9.273	-9.383	-7.76	-6.379
244.2	-9.145	-9.459	-7.866	-6.529
244.4	-9.095	-9.462	-7.868	-6.654
244.6	-9.099	-9.488	-7.941	-6.852
244.9	-9.015	-9.541	-7.827	-7
245.1	-9.016	-9.654	-7.835	-7.167
245.3	-8.998	-9.68	-7.977	-7.379
245.5	-9.079	-9.727	-7.927	-7.445
245.8	-9.172	-9.771	-7.86	-7.579
246.0	-9.224	-9.974	-7.881	-7.629
246.2	-9.290	-10.107	-7.906	-7.913
246.4	-9.402	-10.326	-7.903	-7.774
246.7	-9.514	-10.375	-7.877	-8.067
246.9	-9.742	-10.486	-7.736	-8.02
247.1	-9.869	-10.748	-7.806	-7.955
247.3	-9.942	-10.889	-7.839	-8.126
247.6	-10.084	-11.107	-7.808	-8.1
247.8	-10.130	-11.196	-7.696	-7.904
248.0	-10.058	-11.339	-7.672	-8.134
248.2	-10.193	-11.388	-7.717	-8.222
248.5	-10.177	-11.519	-7.513	-8.188
248.7	-10.057	-11.525	-7.497	-8.313
248.9	-9.981	-11.693	-7.548	-8.525
249.1	-9.891	-11.892	-7.54	-8.641
249.4	-9.756	-11.769	-7.385	-9.032
249.6	-9.689	-11.909	-7.286	-9.29
249.8	-9.654	-11.981	-7.125	-9.636
250.0	-9.647	-11.851	-7.183	-9.937
250.3	-9.567	-11.831	-7.109	-10.275
250.5	-9.597	-12.134	-7.106	-10.715
250.7	-9.767	-12.216	-7.121	-11.073
250.9	-9.697	-12.338	-7.164	-11.338
251.2	-9.873	-12.563	-7.145	-11.638
251.4	-10.024	-12.665	-7.131	-11.84
251.6	-10.156	-12.835	-7.162	-11.857
251.8	-10.369	-13.032	-7.206	-11.93
252.1	-10.579	-13.12	-7.127	-11.601
252.3	-10.753	-13.247	-7.1	-11.655
252.5	-10.820	-13.456	-7.147	-11.567
252.7	-11.043	-13.609	-7.103	-11.554
253.0	-11.084	-13.737	-7.059	-11.362
253.2	-11.076	-13.695	-7.013	-11.499
253.4	-10.934	-13.761	-6.987	-11.361
253.6	-10.806	-13.628	-6.978	-11.637
253.9	-10.705	-13.775	-7.015	-11.379
254.1	-10.447	-13.657	-6.956	-11.809
254.3	-10.275	-13.596	-6.826	-11.838
254.5	-10.193	-13.374	-6.85	-11.955
254.8	-9.991	-13.367	-6.924	-12.198
255.0	-9.861	-13.237	-6.863	-12.41
255.2	-9.776	-13.013	-6.881	-12.506
255.4	-9.726	-12.917	-6.904	-12.291
255.7	-9.648	-12.785	-6.909	-12.428
255.9	-9.562	-12.655	-6.984	-12.246
256.1	-9.581	-12.428	-6.895	-11.888
256.3	-9.625	-12.687	-7.053	-11.533
256.6	-9.642	-12.503	-7.134	-11.176
256.8	-9.664	-12.567	-7.22	-10.742
257.0	-9.578	-12.348	-7.326	-10.477
257.2	-9.793	-12.544	-7.462	-10.313
257.5	-9.902	-12.256	-7.635	-9.915
257.7	-9.960	-12.52	-7.593	-9.592
257.9	-9.925	-12.451	-7.757	-9.73
258.1	-9.936	-12.784	-7.752	-9.578
258.4	-9.892	-12.696	-7.795	-9.571
258.6	-9.843	-12.633	-7.716	-9.389
258.8	-9.816	-12.394	-7.86	-9.27
259.0	-9.704	-12.86	-7.788	-9.345
259.3	-9.640	-12.708	-7.843	-9.123
259.5	-9.512	-12.746	-7.627	-9.459

239.7	-9.484	-7.962	-3.29	-5.616
239.9	-9.492	-7.894	-3.076	-5.568
240.1	-9.523	-7.642	-3.002	-5.66
240.4	-9.553	-7.772	-2.845	-5.757
240.6	-9.461	-7.83	-2.719	-5.81
240.8	-9.356	-7.833	-2.57	-5.906
241.0	-9.289	-7.854	-2.524	-6.084
241.3	-9.298	-7.819	-2.458	-6.342
241.5	-9.282	-7.776	-2.389	-6.231
241.7	-9.156	-7.736	-2.297	-6.344
241.9	-9.212	-7.764	-2.195	-6.195
242.2	-9.075	-7.737	-2.17	-6.167
242.4	-9.095	-7.67	-2.122	-6.186
242.6	-9.191	-7.641	-2.054	-6.023
242.8	-9.092	-7.525	-1.951	-6.009
243.1	-9.329	-7.578	-1.876	-5.915
243.3	-9.419	-7.689	-1.765	-5.698
243.5	-9.428	-7.706	-1.613	-5.751
243.7	-9.307	-7.778	-1.593	-5.596
244.0	-9.302	-7.846	-1.533	-5.488
244.2	-9.068	-7.886	-1.507	-5.479
244.4	-8.863	-8.039	-1.43	-5.457
244.6	-8.626	-8.147	-1.504	-5.417
244.9	-8.242	-8.216	-1.473	-5.339
245.1	-7.944	-8.464	-1.477	-5.369
245.3	-7.629	-8.355	-1.546	-5.263
245.5	-7.379	-8.556	-1.615	-5.449
245.8	-7.198	-8.486	-1.654	-5.348
246.0	-6.952	-8.343	-1.658	-5.374
246.2	-6.77	-8.136	-1.738	-5.501
246.4	-6.602	-7.98	-1.76	-5.483
246.7	-6.515	-7.699	-1.907	-5.516
246.9	-6.416	-7.581	-1.973	-5.632
247.1	-6.403	-7.27	-1.968	-5.74
247.3	-6.333	-7.108	-2.084	-5.783
247.6	-6.376	-6.996	-2.175	-5.706
247.8	-6.383	-6.794	-2.203	-5.845
248.0	-6.505	-6.709	-2.361	-5.882
248.2	-6.6	-6.513	-2.468	-6.053
248.5	-6.607	-6.565	-2.558	-6.05
248.7	-6.749	-6.502	-2.607	-6.178
248.9	-6.738	-6.603	-2.816	-6.133
249.1	-6.8	-6.609	-2.927	-6.294
249.4	-6.791	-6.693	-3.102	-6.247
249.6	-6.765	-6.782	-3.285	-6.449
249.8	-6.829	-6.883	-3.373	-6.483
250.0	-6.715	-7.008	-3.578	-6.508
250.3	-6.674	-6.933	-3.632	-6.772
250.5	-6.511	-7.218	-3.783	-6.785
250.7	-6.503	-7.274	-3.837	-6.86
250.9	-6.415	-7.409	-3.942	-6.954
251.2	-6.385	-7.408	-3.859	-7.071
251.4	-6.329	-7.553	-4.033	-7.079
251.6	-6.299	-7.615	-4.08	-7.151
251.8	-6.28	-7.628	-4.072	-7.132
252.1	-6.286	-7.648	-4.199	-7.222
252.3	-6.312	-7.495	-4.324	-7.124
252.5	-6.41	-7.423	-4.411	-7.237
252.7	-6.509	-7.236	-4.496	-7.283
253.0	-6.544	-7.153	-4.689	-7.076
253.2	-6.526	-7.04	-4.839	-7.302
253.4	-6.581	-6.896	-4.958	-7.311
253.6	-6.621	-6.835	-5.064	-7.394
253.9	-6.524	-6.8	-5.196	-7.373
254.1	-6.495	-6.627	-5.22	-7.212
254.3	-6.392	-6.624	-5.325	-7.506
254.5	-6.292	-6.583	-5.369	-7.402
254.8	-6.181	-6.572	-5.292	-7.511
255.0	-6.045	-6.474	-5.295	-7.597
255.2	-5.959	-6.494	-5.11	-7.498
255.4	-5.705	-6.564	-5.047	-7.651
255.7	-5.649	-6.507	-5	-7.781
255.9	-5.538	-6.485	-4.949	-7.811
256.1	-5.411	-6.631	-4.889	-7.775
256.3	-5.269	-6.33	-4.885	-7.817
256.6	-5.191	-6.638	-4.815	-7.788
256.8	-5.127	-6.629	-4.677	-7.697
257.0	-5.024	-6.649	-4.66	-7.757
257.2	-5.004	-6.546	-4.57	-7.719
257.5	-5.008	-6.539	-4.55	-7.487
257.7	-4.962	-6.541	-4.415	-7.342
257.9	-5.012	-6.47	-4.429	-7.221
258.1	-5.012	-6.364	-4.296	-7.121
258.4	-5.15	-6.224	-4.163	-7.038
258.6	-5.288	-6.094	-4.02	-6.928
258.8	-5.385	-5.981	-3.951	-6.791
259.0	-5.446	-5.861	-3.852	-6.829
259.3	-5.559	-5.642	-3.745	-6.705
259.5	-5.685	-5.626	-3.685	-6.726

239.7	-6.827	-9.622	-9.266	-11.704
239.9	-6.708	-10.084	-9.245	-12.155
240.1	-6.747	-10.387	-9.332	-12.098
240.4	-6.614	-10.768	-9.401	-12.204
240.6	-6.554	-11.066	-9.455	-12.356
240.8	-6.447	-11.008	-9.684	-12.351
241.0	-6.321	-11.088	-9.592	-12.564
241.3	-6.184	-11.032	-9.86	-12.355
241.5	-6.152	-10.737	-9.978	-12.84
241.7	-6.04	-10.778	-10.262	-12.88
241.9	-5.91	-10.489	-10.307	-12.868
242.2	-5.906	-10.263	-10.403	-12.822
242.4	-5.997	-10.179	-10.746	-12.359
242.6	-5.905	-10.222	-11.043	-12.384
242.8	-5.785	-10.171	-11.371	-12.093
243.1	-5.755	-10.079	-11.124	-11.938
243.3	-5.876	-10.281	-11.096	-11.588
243.5	-5.929	-10.498	-10.904	-11.371
243.7	-5.93	-10.71	-10.727	-11.305
244.0	-5.991	-11.073	-10.535	-11.136
244.2	-5.94	-11.413	-10.275	-11.284
244.4	-6.198	-11.932	-10.049	-11.21
244.6	-6.302	-12.258	-10.15	-11.265
244.9	-6.356	-12.933	-10.032	-11.171
245.1	-6.492	-13.506	-9.928	-11.535
245.3	-6.524	-13.884	-10.059	-11.817
245.5	-6.264	-14.215	-10.256	-11.88
245.8	-6.155	-14.449	-10.528	-12.074
246.0	-6.059	-14.236	-10.625	-12.539
246.2	-6.008	-14.263	-11.004	-12.542
246.4	-6.019	-14.318	-11.132	-12.31
246.7	-6.035	-13.981	-11.373	-12.412
246.9	-6.062	-13.793	-11.595	-12.425
247.1	-6.098	-13.574	-11.963	-12.238
247.3	-6.29	-13.592	-12.179	-12.126
247.6	-6.312	-13.468	-12.479	-12.102
247.8	-6.441	-13.164	-12.526	-11.938
248.0	-6.486	-13.423	-12.244	-11.684
248.2	-6.449	-13.438	-12.366	-11.768
248.5	-6.563	-13.426	-12.09	-11.782
248.7	-6.572	-13.517	-12.105	-11.771
248.9	-6.502	-13.483	-12.16	-11.72
249.1	-6.464	-13.93	-12.061	-11.547
249.4	-6.38	-14.206	-12.191	-11.356
249.6	-6.239	-14.166	-12.12	-11.547
249.8	-6.173	-14.426	-12.37	-11.59
250.0	-6.023	-14.256	-12.535	-11.551
250.3	-5.985	-14.445	-12.783	-11.364
250.5	-5.851	-14.724	-13.167	-11.484
250.7	-5.854	-14.614	-13.361	-11.358
250.9	-5.874	-14.61	-13.466	-11.333
251.2	-5.81	-14.555	-13.916	-10.956
251.4	-5.888	-14.592	-14.26	-11.253
251.6	-5.89	-14.635	-14.29	-11.261
251.8	-5.977	-14.44	-14.578	-11.222
252.1	-5.995	-14.227	-14.878	-11.065
252.3	-6.024	-14.359	-14.861	-10.892
252.5	-6.024	-14.281	-14.945	-10.596
252.7	-6.065	-13.678	-15.357	-10.303
253.0	-6.111	-13.992	-15.291	-10.077
253.2	-6.004	-13.995	-15.14	-9.941
253.4	-5.936	-13.885	-15.144	-9.719
253.6	-5.801	-13.873	-14.876	-9.697
253.9	-5.715	-13.83	-14.797	-9.467
254.1	-5.605	-13.608	-14.631	-9.402
254.3	-5.466	-13.706	-14.65	-9.635
254.5	-5.347	-13.459	-14.536	-9.626
254.8	-5.132	-13.07	-14.229	-9.68
255.0	-5.067	-12.976	-14.512	-9.689
255.2	-4.853	-13.096	-14.379	-9.68
255.4	-4.756	-12.835	-14.161	-9.759
255.7	-4.565	-12.662	-13.796	-9.876
255.9	-4.593	-12.577	-14.013	-10.005
256.1	-4.556	-12.292	-13.731	-10.022
256.3	-4.537	-12.38	-13.392	-10.229
256.6	-4.469	-12.175	-13.469	-10.41
256.8	-4.551	-11.764	-13.065	-10.577
257.0	-4.519	-11.786	-12.818	-10.746
257.2	-4.587	-11.717	-12.794	-10.895
257.5	-4.597	-11.678	-12.487	-10.853
257.7	-4.723	-11.363	-12.413	-10.897
257.9	-4.822	-11.279	-12.521	-10.983
258.1	-4.859	-11.486	-12.122	-11.144
258.4	-4.998	-11.574	-12.104	-11.186
258.6	-5.091	-11.629	-11.946	-11.246
258.8	-5.163	-11.578	-11.997	-11.527
259.0	-5.355	-11.737	-11.656	-11.593
259.3	-5.458	-11.77	-11.806	-11.812
259.5	-5.451	-11.905	-11.67	-11.921

259.7	-9.359	-12.84	-7.61	-9.163
259.9	-9.362	-12.506	-7.48	-9.489
260.2	-9.271	-12.517	-7.341	-9.266
260.4	-9.104	-12.475	-7.29	-9.087
260.6	-9.066	-12.489	-7.158	-8.958
260.8	-9.071	-12.373	-6.993	-8.898
261.1	-8.941	-12.095	-6.876	-8.608
261.3	-8.951	-12.188	-6.71	-8.424
261.5	-8.936	-12.117	-6.587	-8.194
261.7	-8.796	-11.785	-6.431	-7.98
262.0	-8.785	-11.75	-6.395	-7.928
262.2	-8.922	-11.768	-6.393	-7.625
262.4	-8.952	-11.723	-6.424	-7.491
262.6	-9.168	-11.626	-6.34	-7.172
262.9	-9.293	-11.568	-6.16	-7.232
263.1	-9.418	-11.64	-6.145	-6.98
263.3	-9.459	-11.484	-6.128	-7.146
263.5	-9.634	-11.543	-6.063	-6.996
263.8	-9.819	-11.618	-6.138	-7.163
264.0	-9.829	-11.61	-6.165	-7.254
264.2	-10.030	-11.71	-6.117	-7.38
264.4	-10.022	-11.593	-6.267	-7.408
264.7	-10.084	-11.684	-6.174	-7.595
264.9	-9.966	-11.629	-6.227	-7.851
265.1	-10.131	-11.554	-6.149	-7.864
265.3	-10.097	-11.617	-6.18	-7.98
265.6	-10.046	-11.642	-6.016	-7.885
265.8	-10.033	-11.533	-6.032	-7.972
266.0	-9.977	-11.446	-5.943	-7.64
266.2	-9.950	-11.321	-5.966	-7.654
266.5	-9.652	-11.23	-5.878	-7.576
266.7	-9.830	-11.272	-5.933	-7.352
266.9	-9.764	-11.197	-5.895	-7.186
267.1	-9.708	-11.045	-5.905	-7.147
267.4	-9.575	-10.846	-5.95	-6.944
267.6	-9.516	-10.64	-6.021	-6.703
267.8	-9.625	-10.624	-6.022	-6.585
268.0	-9.593	-10.423	-6.294	-6.533
268.3	-9.631	-10.338	-6.398	-6.409
268.5	-9.473	-10.171	-6.599	-6.32
268.7	-9.604	-10.182	-6.576	-6.301
268.9	-9.424	-10.05	-6.976	-6.334
269.2	-9.609	-9.936	-7.104	-6.266
269.4	-9.528	-9.771	-7.319	-6.432
269.6	-9.461	-9.777	-7.401	-6.5
269.8	-9.446	-9.744	-7.491	-6.784
270.1	-9.264	-9.75	-7.566	-6.959
270.3	-9.377	-9.671	-7.408	-7.055
270.5	-9.283	-9.67	-7.33	-7.329
270.7	-9.154	-9.557	-7.025	-7.416
271.0	-9.083	-9.586	-6.784	-7.711
271.2	-8.979	-9.68	-6.483	-7.743
271.4	-8.788	-9.594	-6.086	-7.865
271.6	-8.663	-9.763	-5.939	-8.017
271.9	-8.508	-9.706	-5.704	-7.903
272.1	-8.366	-9.622	-5.501	-7.834
272.3	-8.230	-9.82	-5.156	-7.853
272.5	-8.158	-9.684	-5.18	-7.792
272.8	-8.210	-9.638	-4.972	-7.778
273.0	-8.126	-9.724	-4.984	-7.665
273.2	-8.128	-9.763	-4.952	-7.8
273.4	-8.064	-9.708	-4.868	-7.608
273.7	-8.009	-9.834	-4.911	-7.628
273.9	-8.097	-9.836	-4.908	-7.533
274.1	-8.175	-9.785	-5.031	-7.625
274.3	-8.184	-9.857	-5.17	-7.745
274.6	-8.303	-9.843	-5.231	-7.735
274.8	-8.472	-9.988	-5.487	-7.903
275.0	-8.482	-9.985	-5.581	-7.865
275.2	-8.768	-10.052	-5.743	-8.197
275.5	-8.782	-9.999	-5.872	-8.313
275.7	-9.146	-9.944	-6.006	-8.468
275.9	-9.186	-9.821	-6.055	-8.628
276.1	-9.441	-9.821	-6.166	-8.752
276.4	-9.456	-9.739	-6.164	-8.93
276.6	-9.510	-9.708	-6.2	-9.028
276.8	-9.586	-9.595	-6.264	-9.073
277.0	-9.606	-9.671	-6.141	-9.17
277.3	-9.609	-9.569	-6.111	-9.365
277.5	-9.498	-9.574	-6.047	-9.295
277.7	-9.533	-9.53	-6.05	-9.394
277.9	-9.568	-9.53	-5.992	-9.142
278.2	-9.390	-9.511	-5.875	-9.439
278.4	-9.248	-9.518	-5.831	-9.391
278.6	-9.349	-9.574	-5.859	-9.32
278.8	-9.276	-9.555	-5.825	-9.322
279.1	-9.201	-9.589	-5.825	-9.346
279.3	-9.234	-9.599	-5.885	-9.464
279.5	-8.960	-9.588	-5.944	-9.492

259.7	-5.804	-5.529	-3.614	-6.633
259.9	-5.873	-5.36	-3.537	-6.502
260.2	-6.032	-5.291	-3.445	-6.423
260.4	-6.132	-5.196	-3.295	-6.467
260.6	-6.148	-5.169	-3.209	-6.405
260.8	-6.299	-5.053	-3.123	-6.403
261.1	-6.33	-4.992	-3.046	-6.376
261.3	-6.35	-5.004	-3.008	-6.309
261.5	-6.419	-4.878	-2.899	-6.294
261.7	-6.462	-4.909	-2.918	-6.328
262.0	-6.498	-4.901	-3.013	-6.331
262.2	-6.53	-4.874	-2.96	-6.342
262.4	-6.467	-4.936	-3.047	-6.408
262.6	-6.559	-4.908	-3.163	-6.415
262.9	-6.585	-4.924	-3.302	-6.462
263.1	-6.566	-5.056	-3.315	-6.632
263.3	-6.655	-5.036	-3.451	-6.711
263.5	-6.673	-5.116	-3.512	-6.801
263.8	-6.663	-5.213	-3.443	-6.787
264.0	-6.747	-5.191	-3.678	-6.693
264.2	-6.731	-5.348	-3.623	-6.752
264.4	-6.745	-5.418	-3.64	-6.711
264.7	-6.869	-5.429	-3.591	-6.713
264.9	-6.915	-5.55	-3.61	-6.725
265.1	-6.943	-5.686	-3.621	-7.161
265.3	-6.902	-5.742	-3.496	-7.19
265.6	-6.982	-5.856	-3.481	-7.185
265.8	-7.04	-5.959	-3.534	-7.168
266.0	-6.992	-5.964	-3.64	-7.135
266.2	-7.046	-6.024	-3.777	-7.129
266.5	-6.982	-6.012	-3.786	-7.032
266.7	-6.963	-6	-3.753	-7.116
266.9	-6.999	-5.936	-3.926	-7.215
267.1	-7.102	-5.816	-3.95	-7.326
267.4	-6.99	-5.823	-4.01	-7.482
267.6	-7.015	-5.764	-4.064	-7.616
267.8	-7.076	-5.676	-4.065	-7.553
268.0	-7.03	-5.587	-4.107	-7.413
268.3	-7.067	-5.375	-4.106	-7.485
268.5	-7.083	-5.385	-4.123	-7.256
268.7	-7.1	-5.285	-4.02	-7.205
268.9	-7.16	-5.267	-4.016	-7.247
269.2	-7.229	-5.127	-3.961	-7.21
269.4	-7.208	-5.08	-4.051	-7.087
269.6	-7.348	-5.117	-4.066	-7.043
269.8	-7.447	-5.079	-4.042	-6.946
270.1	-7.468	-5.082	-4.008	-6.786
270.3	-7.565	-5.043	-3.966	-6.805
270.5	-7.656	-5.009	-3.993	-6.782
270.7	-7.741	-4.98	-3.929	-6.817
271.0	-7.867	-5.066	-3.933	-6.818
271.2	-7.961	-5.061	-4	-6.727
271.4	-8.003	-5.142	-3.976	-6.902
271.6	-7.95	-5.214	-3.988	-6.954
271.9	-7.963	-5.285	-4.052	-6.882
272.1	-7.919	-5.432	-4.141	-7.154
272.3	-7.739	-5.468	-4.23	-7.146
272.5	-7.664	-5.504	-4.355	-7.27
272.8	-7.43	-5.665	-4.443	-7.311
273.0	-7.25	-5.79	-4.494	-7.293
273.2	-6.948	-5.906	-4.873	-7.239
273.4	-6.814	-5.971	-4.916	-7.293
273.7	-6.645	-6.134	-4.951	-7.091
273.9	-6.547	-6.095	-5.145	-7.093
274.1	-6.422	-6.193	-5.209	-7.085
274.3	-6.231	-6.25	-5.177	-6.907
274.6	-6.178	-6.42	-5.192	-6.931
274.8	-6.023	-6.645	-5.255	-6.863
275.0	-5.929	-6.713	-5.31	-6.673
275.2	-5.84	-6.874	-5.431	-6.877
275.5	-5.728	-6.976	-5.424	-6.883
275.7	-5.682	-7.233	-5.397	-6.889
275.9	-5.532	-7.392	-5.542	-6.855
276.1	-5.554	-7.628	-5.553	-6.988
276.4	-5.481	-7.809	-5.6	-6.836
276.6	-5.412	-7.915	-5.602	-6.964
276.8	-5.383	-8.085	-5.529	-7.039
277.0	-5.328	-8.379	-5.709	-7.112
277.3	-5.281	-8.404	-5.776	-7.108
277.5	-5.315	-8.601	-5.663	-7.104
277.7	-5.322	-8.665	-5.62	-7.154
277.9	-5.328	-8.754	-5.619	-6.934
278.2	-5.312	-8.873	-5.667	-7.135
278.4	-5.244	-8.804	-5.691	-7.169
278.6	-5.251	-8.728	-5.556	-7.209
278.8	-5.224	-8.775	-5.529	-7.211
279.1	-5.257	-8.661	-5.541	-7.183
279.3	-5.253	-8.366	-5.619	-7.031
279.5	-5.277	-8.231	-5.445	-7.202

259.7	-5.543	-11.917	-11.528	-12.043
259.9	-5.642	-11.918	-11.917	-12.254
260.2	-5.693	-11.765	-11.801	-12.686
260.4	-5.757	-11.863	-11.88	-13.055
260.6	-5.725	-11.873	-11.86	-13.232
260.8	-5.793	-11.768	-11.913	-13.522
261.1	-5.837	-11.838	-11.936	-13.544
261.3	-5.909	-11.657	-11.768	-13.854
261.5	-5.907	-11.755	-11.783	-14.049
261.7	-5.923	-11.408	-11.842	-14.178
262.0	-6.034	-11.473	-11.966	-14.415
262.2	-6.079	-11.314	-11.764	-14.501
262.4	-6.067	-11.136	-11.792	-14.713
262.6	-6.162	-11.085	-11.682	-14.786
262.9	-6.23	-11.023	-11.692	-14.741
263.1	-6.25	-11	-11.709	-14.746
263.3	-6.393	-11	-11.683	-14.515
263.5	-6.476	-10.801	-11.6	-14.474
263.8	-6.458	-11.001	-11.617	-14.698
264.0	-6.436	-10.897	-11.552	-14.907
264.2	-6.603	-11.063	-11.413	-14.879
264.4	-6.708	-11.194	-11.478	-15.256
264.7	-6.774	-11.424	-11.35	-15.751
264.9	-6.826	-11.668	-11.351	-15.566
265.1	-6.791	-11.804	-11.44	-15.412
265.3	-6.859	-11.773	-11.36	-15.022
265.6	-6.805	-12.138	-11.497	-14.85
265.8	-6.805	-12.204	-11.531	-14.733
266.0	-6.793	-12.415	-11.621	-14.915
266.2	-6.842	-12.304	-11.838	-14.605
266.5	-6.842	-12.256	-11.955	-14.807
266.7	-6.734	-12.513	-11.861	-15.054
266.9	-6.82	-12.258	-12.213	-14.596
267.1	-6.841	-12.476	-12.377	-15.311
267.4	-6.996	-12.023	-12.313	-15.339
267.6	-7.007	-12.368	-12.419	-15.104
267.8	-7.119	-12.36	-12.623	-14.899
268.0	-7.192	-12.254	-12.582	-14.211
268.3	-7.329	-12.119	-12.723	-13.839
268.5	-7.287	-12.092	-12.654	-13.434
268.7	-7.335	-12.216	-12.716	-13.086
268.9	-7.576	-11.977	-12.524	-12.73
269.2	-7.603	-11.978	-12.323	-11.909
269.4	-7.744	-12.042	-12.24	-11.693

279.7	-9.036	-9.758	-5.966	-9.593
280.0	-8.965	-9.93	-6.117	-9.808
280.2	-8.688	-9.933	-6.158	-9.875
280.4	-8.807	-10.112	-6.261	-9.998
280.6	-8.760	-10.234	-6.382	-10.16
280.8	-8.572	-10.314	-6.434	-10.392
281.1	-8.645	-10.386	-6.433	-10.714
281.3	-8.593	-10.721	-6.387	-10.889
281.5	-8.615	-10.761	-6.299	-11.039
281.7	-8.625	-10.808	-6.203	-10.946
282.0	-8.540	-10.998	-6.11	-11.082
282.2	-8.469	-10.981	-5.914	-10.927
282.4	-8.474	-11.157	-5.699	-10.899
282.6	-8.404	-11.107	-5.49	-10.715
282.9	-8.172	-11.244	-5.232	-10.546
283.1	-8.432	-10.997	-5.079	-10.623
283.3	-8.433	-11.222	-4.845	-10.508
283.5	-8.364	-10.863	-4.679	-10.286
283.8	-8.222	-10.877	-4.483	-10.22
284.0	-8.339	-10.842	-4.332	-10.092
284.2	-8.383	-10.649	-4.139	-9.97
284.4	-8.330	-10.478	-4.016	-10.057
284.7	-8.338	-10.308	-3.941	-9.855
284.9	-8.327	-10.114	-3.801	-9.984
285.1	-8.371	-9.907	-3.851	-10.28
285.3	-8.305	-9.588	-3.884	-10.457
285.6	-8.479	-9.513	-3.872	-10.576
285.8	-8.659	-9.342	-3.958	-10.801
286.0	-8.652	-9.194	-4.169	-11.25
286.2	-8.794	-9.085	-4.265	-11.796
286.5	-8.917	-8.843	-4.478	-12.304
286.7	-9.054	-8.608	-4.703	-12.404
286.9	-9.114	-8.64	-4.989	-12.973
287.1	-9.416	-8.62	-5.294	-13.46
287.4	-9.536	-8.493	-5.606	-13.588
287.6	-9.820	-8.463	-5.887	-13.69
287.8	-9.897	-8.585	-6.385	-13.776
288.0	-10.152	-8.518	-6.815	-13.651
288.3	-10.297	-8.71	-7.302	-13.473
288.5	-10.468	-8.674	-7.584	-13.033
288.7	-10.481	-8.733	-8.109	-12.641
288.9	-10.640	-8.784	-8.435	-12.101
289.2	-10.742	-8.912	-8.781	-11.742
289.4	-10.781	-9.042	-8.922	-11.436
289.6	-10.729	-9.351	-8.788	-11.039
289.8	-10.571	-9.462	-9.007	-10.807
290.1	-10.616	-9.789	-8.846	-10.44
290.3	-10.448	-10.021	-8.94	-10.429
290.5	-10.387	-10.188	-8.838	-10.136
290.7	-10.296	-10.375	-8.744	-10.014
291.0	-10.022	-10.455	-8.639	-10.024
291.2	-9.869	-10.468	-8.586	-9.789
291.4	-9.531	-10.75	-8.307	-10.102
291.6	-9.479	-10.64	-8.382	-10.193
291.9	-9.425	-10.777	-8.353	-10.258
292.1	-9.310	-10.797	-8.214	-10.725
292.3	-9.191	-10.783	-8.209	-10.771
292.5	-9.274	-10.809	-8.209	-11.111
292.8	-9.201	-10.855	-8.158	-11.29
293.0	-9.208	-10.784	-8.178	-11.343
293.2	-9.240	-10.817	-8.068	-11.986
293.4	-9.236	-10.736	-8.269	-11.984
293.7	-9.303	-10.864	-8.387	-12.091
293.9	-9.245	-10.696	-8.631	-12.028
294.1	-9.499	-10.75	-8.672	-12.12
294.3	-9.648	-10.811	-8.929	-12.057
294.6	-9.783	-10.748	-9.011	-11.661
294.8	-9.765	-10.844	-9.135	-11.396
295.0	-10.094	-10.836	-9.725	-11.018
295.2	-10.352	-10.848	-9.992	-10.715
295.5	-10.560	-10.991	-10.249	-10.399
295.7	-10.758	-11.087	-10.611	-10.105
295.9	-10.664	-11.285	-11.042	-9.774
296.1	-11.154	-11.414	-11.247	-9.475
296.4	-11.369	-11.664	-11.462	-9.281
296.6	-11.627	-11.795	-11.873	-9.215
296.8	-11.741	-12.02	-12.274	-9.171
297.0	-11.929	-12.256	-12.542	-9.119
297.3	-12.046	-12.4	-12.828	-9.116
297.5	-12.076	-12.607	-12.923	-9.32
297.7	-12.176	-12.761	-13.361	-9.394
297.9	-12.150	-13.112	-13.562	-9.54
298.2	-12.145	-13.158	-13.553	-9.693
298.4	-12.265	-13.52	-13.736	-10.035
298.6	-12.120	-13.804	-14.002	-10.427
298.8	-12.327	-14.273	-14.155	-10.563
299.1	-12.201	-14.368	-14.254	-11.139
299.3	-12.260	-14.496	-14.384	-11.314
299.5	-12.293	-14.937	-14.575	-11.81

279.7	-5.346	-8.112	-5.438	-7.119
280.0	-5.388	-7.842	-5.297	-7.035
280.2	-5.382	-7.579	-5.261	-6.809
280.4	-5.49	-7.53	-5.103	-6.858
280.6	-5.552	-7.372	-4.963	-6.638
280.8	-5.654	-7.13	-4.887	-6.67
281.1	-5.754	-7.032	-4.875	-6.589
281.3	-5.8	-6.965	-4.778	-6.658
281.5	-5.969	-6.901	-4.606	-6.644
281.7	-6.049	-6.794	-4.696	-6.637
282.0	-6.22	-6.816	-4.654	-6.716
282.2	-6.311	-6.744	-4.671	-6.744
282.4	-6.366	-6.572	-4.721	-6.779
282.6	-6.452	-6.602	-4.719	-6.877
282.9	-6.525	-6.599	-4.69	-6.876
283.1	-6.664	-6.622	-4.773	-6.891
283.3	-6.802	-6.581	-4.832	-7.036
283.5	-6.91	-6.673	-4.847	-7.09
283.8	-7.034	-6.594	-4.779	-7.182
284.0	-7.202	-6.668	-4.688	-6.914
284.2	-7.237	-6.635	-4.806	-7.065
284.4	-7.296	-6.677	-4.934	-7.042
284.7	-7.418	-6.751	-4.846	-7.024
284.9	-7.523	-6.814	-4.819	-6.971
285.1	-7.456	-6.835	-4.932	-6.951
285.3	-7.481	-6.736	-4.932	-6.876
285.6	-7.454	-6.818	-4.91	-6.728
285.8	-7.53	-6.944	-4.961	-6.608
286.0	-7.57	-6.91	-4.974	-6.503
286.2	-7.498	-7.029	-4.984	-6.239
286.5	-7.678	-7.023	-5.018	-6.203
286.7	-7.621	-7.04	-5.005	-6.211
286.9	-7.572	-7.007	-5.078	-6.045
287.1	-7.577	-7.079	-5.103	-5.914
287.4	-7.453	-7.167	-5.259	-6.053
287.6	-7.522	-7.243	-5.33	-5.956
287.8	-7.452	-7.293	-5.341	-5.996
288.0	-7.293	-7.406	-5.42	-6.029
288.3	-7.232	-7.49	-5.508	-5.994
288.5	-7.133	-7.337	-5.649	-6.162
288.7	-7.012	-7.506	-5.72	-6.249
288.9	-6.871	-7.514	-5.838	-6.28
289.2	-6.709	-7.704	-5.749	-6.43
289.4	-6.536	-7.803	-5.833	-6.533
289.6	-6.414	-7.729	-5.801	-6.524
289.8	-6.317	-8.055	-5.845	-6.747
290.1	-6.164	-8.036	-5.863	-6.69
290.3	-6.055	-8.201	-5.771	-6.548
290.5	-5.91	-8.412	-5.811	-6.735
290.7	-5.845	-8.585	-5.889	-6.569
291.0	-5.782	-8.833	-5.926	-6.718
291.2	-5.657	-8.889	-6.048	-6.699
291.4	-5.669	-9.054	-6.152	-6.624
291.6	-5.69	-9.213	-6.268	-6.66
291.9	-5.657	-9.472	-6.542	-6.484
292.1	-5.641	-9.583	-6.79	-6.472
292.3	-5.673	-9.747	-7.024	-6.417
292.5	-5.702	-9.888	-7.304	-6.469
292.8	-5.699	-10.056	-7.839	-6.547
293.0	-5.69	-10.166	-8.12	-6.454
293.2	-5.74	-10.151	-8.466	-6.495
293.4	-5.915	-10.306	-8.981	-6.752
293.7	-5.856	-10.331	-9.272	-6.895
293.9	-6.034	-10.235	-9.563	-6.961
294.1	-6.175	-10.083	-10.077	-7.209
294.3	-6.403	-9.984	-10.431	-7.243
294.6	-6.524	-9.907	-10.835	-7.523
294.8	-6.877	-9.875	-10.932	-7.584
295.0	-7.25	-9.76	-11.041	-7.688
295.2	-7.241	-9.651	-10.908	-7.829
295.5	-7.844	-9.441	-10.753	-7.747
295.7	-7.994	-9.414	-10.63	-7.964
295.9	-7.714	-9.342	-10.436	-7.842
296.1	-7.556	-9.125	-10.149	-7.771
296.4	-7.414	-9.113	-10.046	-7.786
296.6	-7.118	-9.096	-9.894	-7.829
296.8	-7.113	-9.031	-9.651	-7.631
297.0	-7.102	-8.987	-9.681	-7.527
297.3	-7.001	-8.972	-9.59	-7.427
297.5	-6.985	-9.025	-9.501	-7.265
297.7	-7.046	-8.985	-9.452	-7.198
297.9	-7.104	-8.902	-9.407	-6.976
298.2	-7.208	-9.127	-9.695	-6.86
298.4	-7.238	-9.29	-9.653	-6.784
298.6	-6.741	-9.281	-9.626	-6.741
298.8	-6.248	-9.466	-9.815	-6.336
299.1	-5.793	-9.708	-10.079	-6.312
299.3	-5.371	-9.824	-10.207	-6.233
299.5	-5.107	-9.958	-10.43	-6.271

279.7	-6.058	-9.622	-12.542	-5.954
280.0	-6.084	-9.412	-12.702	-5.813
280.2	-6.279	-9.422	-13.203	-5.814
280.4	-6.409	-9.333	-13.475	-5.854
280.6	-6.534	-9.189	-13.793	-5.646
280.8	-6.644	-9.337	-13.954	-5.857
281.1	-6.773	-9.005	-13.927	-5.939
281.3	-6.955	-8.987	-14.11	-6.033
281.5	-7.004	-9.014	-14.149	-6.137
281.7	-7.196	-8.737	-13.887	-6.326
282.0	-7.282	-8.647	-13.81	-6.42
282.2	-7.403	-8.721	-13.838	-6.708
282.4	-7.489	-8.571	-13.383	-7.042
282.6	-7.642	-8.374	-13.438	-7.348
282.9	-7.699	-8.375	-13.089	-7.503
283.1	-7.867	-8.284	-12.742	-7.954
283.3	-7.886	-8.177	-12.759	-8.133
283.5	-7.905	-8.146	-12.167	-8.474
283.8	-8.112	-7.971	-12.291	-9.126
284.0	-8.209	-7.925	-11.958	-9.152
284.2	-8.164	-7.897	-11.761	-9.584
284.4	-8.204	-7.767	-11.404	-10.182
284.7	-8.116	-7.799	-11.071	-10.347
284.9	-8.237	-7.775	-10.716	-10.612
285.1	-8.372	-7.765	-10.633	-11.078
285.3	-8.33	-7.888	-10.222	-10.977
285.6	-8.428	-7.877	-10.01	-11.282
285.8	-8.512	-7.952	-9.848	-11.449
286.0	-8.555	-8.065	-9.457	-11.533
286.2	-8.728	-8.236	-9.246	-11.759
286.5	-8.822	-8.429	-9.004	-11.427
286.7	-8.86	-8.682	-8.816	-11.873
286.9	-8.994	-8.835	-8.499	-12.087
287.1	-9.288	-9.003	-8.333	-12.328
287.4	-9.398	-9.153	-7.832	-12.262
287.6	-9.417	-9.417	-7.838	-12.56
287.8	-9.668	-9.535	-7.664	-12.841
288.0	-9.75	-9.647	-7.353	-13.581
288.3	-10.062	-9.633	-7.238	-13.995
288.5	-10.097	-9.866	-6.808	-14.905
288.7	-10.142	-9.71	-6.937	-15.975
288.9	-10.451	-9.799	-6.798	-16.745

299.7	-12.480	-14.709	-14.716	-11.518
300.0	-12.580	-14.917	-15.072	-11.523
300.2	-12.758	-14.928	-15.03	-11.457
300.4	-12.783	-14.957	-15.15	-11.433
300.6	-12.861	-14.819	-14.775	-11.441
300.9	-13.049	-14.859	-14.932	-11.098
301.1	-13.510	-14.66	-14.615	-11.43
301.3	-13.615	-14.701	-14.363	-11.434
301.5	-14.057	-14.729	-13.966	-11.297
301.8	-14.479	-14.748	-13.442	-11.555
302.0	-14.939	-14.689	-12.805	-11.422
302.2	-15.224	-14.858	-12.278	-11.705
302.4	-15.822	-15.057	-12.044	-11.798
302.7	-15.856	-15.267	-11.442	-11.775
302.9	-16.345	-15.824	-11.326	-11.97
303.1	-16.800	-16.098	-10.932	-12.038
303.3	-16.747	-16.698	-10.656	-11.796
303.6	-16.668	-17.132	-10.612	-11.538
303.8	-16.542	-17.672	-10.648	-11.434
304.0	-16.184	-17.751	-10.56	-11.072
304.2	-15.997	-17.322	-10.465	-10.892
304.5	-15.733	-17.246	-10.672	-10.875
304.7	-15.240	-17.295	-10.905	-10.991
304.9	-14.786	-16.732	-11.354	-11.044
305.1	-14.456	-16.603	-11.869	-11.122
305.4	-14.269	-16.503	-12.246	-11.312
305.6	-14.105	-16.052	-12.692	-11.773
305.8	-13.897	-16.086	-13.292	-12
306.0	-13.638	-16.071	-13.658	-11.799
306.3	-13.610	-16.071	-14.204	-12.087
306.5	-13.467	-15.982	-14.072	-12.051
306.7	-13.507	-15.733	-14.484	-12.086
306.9	-13.444	-15.475	-14.978	-12.242
307.2	-13.568	-15.331	-14.671	-12.439
307.4	-13.737	-14.645	-14.572	-12.784
307.6	-13.728	-14.077	-14.232	-12.707
307.8	-14.082	-13.602	-13.289	-12.866
308.1	-14.456	-13.508	-12.753	-12.969
308.3	-14.776	-12.949	-12.522	-13.095
308.5	-14.798	-13.184	-11.853	-13.415
308.7	-15.486	-12.904	-11.011	-13.102
309.0	-16.307	-13.182	-10.538	-12.578
309.2	-16.917	-13.165	-10.065	-12.032
309.4	-17.247	-13.215	-9.397	-11.368
309.6	-16.978	-13.514	-9.043	-10.699
309.9	-17.403	-13.783	-8.717	-10.601
310.1	-17.540	-14.362	-8.257	-10.268
310.3	-17.544	-14.964	-8.087	-10.119
310.5	-17.741	-15.311	-7.838	-9.986
310.8	-18.262	-15.898	-7.65	-9.827
311.0	-18.012	-16.733	-7.553	-9.688
311.2	-18.417	-16.354	-7.434	-9.753
311.4	-17.910	-16.092	-7.408	-9.57
311.7	-17.364	-15.698	-7.452	-9.62
311.9	-16.989	-15.286	-7.516	-9.675
312.1	-16.134	-15.121	-7.588	-9.961
312.3	-15.984	-14.815	-7.66	-10.136
312.6	-15.832	-14.468	-7.881	-10.189
312.8	-15.461	-14.256	-8.174	-10.46
313.0	-15.287	-14.103	-8.508	-10.859
313.2	-15.283	-13.891	-8.778	-11.011
313.5	-15.381	-13.826	-8.96	-11.502
313.7	-15.419	-13.732	-9.56	-11.91
313.9	-15.682	-13.764	-9.996	-12.396
314.1	-15.890	-13.423	-10.565	-12.993
314.4	-16.104	-13.027	-10.898	-13.223
314.6	-16.455	-12.677	-11.411	-13.513
314.8	-16.956	-12.136	-11.711	-13.68
315.0	-17.544	-11.84	-11.869	-13.63
315.3	-17.895	-11.475	-11.712	-13.069
315.5	-18.193	-11.196	-11.789	-12.476
315.7	-17.602	-11.102	-11.42	-11.636
315.9	-17.569	-11.005	-11.148	-11.234
316.2	-17.214	-11.168	-10.591	-10.257
316.4	-17.130	-10.958	-10.195	-9.799
316.6	-17.184	-11.009	-9.831	-9.454
316.8	-17.353	-11.785	-9.255	-8.699
317.1	-17.464	-12.089	-8.634	-8.422
317.3	-17.919	-12.487	-8.441	-8.119
317.5	-17.727	-13.168	-7.871	-7.745
317.7	-16.440	-14.021	-7.439	-7.471
318.0	-15.661	-14.503	-7.025	-7.392
318.2	-14.645	-15.608	-6.654	-7.106
318.4	-13.911	-16.835	-6.349	-7.073
318.6	-13.271	-17.826	-5.988	-7.013
318.9	-12.542	-19.149	-5.834	-7.007
319.1	-12.141	-19.308	-5.671	-6.847
319.3	-11.957	-19.274	-5.497	-6.861
319.5	-11.581	-18.941	-5.373	-7.032

299.7	-4.955	-10.191	-10.557	-6.172
300.0	-4.88	-10.459	-11.005	-6.036
300.2	-4.958	-10.512	-11.538	-5.919
300.4	-5.035	-10.701	-11.827	-5.854
300.6	-5.197	-10.637	-12.378	-5.883
300.9	-5.626	-10.639	-13.011	-5.829
301.1	-6.234	-10.663	-13.693	-5.867
301.3	-6.634	-10.603	-14.225	-5.818
301.5	-7.215	-10.562	-14.716	-5.944
301.8	-7.429	-10.624	-14.347	-5.998
302.0	-7.171	-10.487	-13.586	-6.149
302.2	-6.888	-10.466	-13.078	-6.214
302.4	-6.708	-10.424	-12.034	-6.342
302.7	-6.371	-10.45	-11.833	-6.419
302.9	-6.115	-10.301	-11.304	-6.599
303.1	-5.941	-10.339	-11.024	-6.738
303.3	-5.803	-10.269	-10.912	-6.94
303.6	-5.573	-10.323	-10.957	-6.941
303.8	-5.417	-10.254	-10.495	-6.898
304.0	-5.293	-10.373	-10.506	-7.252
304.2	-5.058	-10.213	-11	-7.234
304.5	-5.075	-10.323	-10.92	-7.314
304.7	-4.98	-10.473	-11.096	-7.344
304.9	-4.946	-10.464	-11.868	-7.345
305.1	-4.95	-10.66	-12.122	-7.282
305.4	-4.911	-10.76	-12.711	-7.386
305.6	-4.961	-10.991	-12.593	-7.278
305.8	-5.028	-11.164	-12.296	-7.177
306.0	-5.086	-11.014	-11.86	-7.21
306.3	-5.13	-10.604	-11.392	-7.065
306.5	-5.293	-10.471	-10.909	-6.899
306.7	-5.399	-10.415	-10.538	-6.927
306.9	-5.527	-10.42	-10.241	-6.874
307.2	-4.989	-10.202	-9.638	-6.814
307.4	-4.54	-10.2	-9.452	-6.77
307.6	-3.982	-10.492	-9.337	-6.737
307.8	-3.588	-10.528	-9.213	-6.738
308.1	-3.411	-10.76	-9.101	-6.784
308.3	-3.274	-10.58	-9.116	-6.815
308.5	-3.237	-10.241	-9.146	-6.935
308.7	-3.237	-10.051	-9.387	-6.521
309.0	-3.48	-9.545	-9.108	-6.238
309.2	-3.668	-9.319	-9.155	-6.053
309.4	-3.94	-9.034	-8.803	-5.848
309.6	-4.299	-8.72	-8.815	-5.703
309.9	-4.617	-8.332	-8.78	-5.602
310.1	-4.968	-8.066	-8.961	-5.698
310.3	-5.303	-7.749	-9.243	-5.806
310.5	-5.644	-7.629	-9.482	-5.981
310.8	-5.855	-7.428	-9.858	-6.099
311.0	-6.15	-7.364	-10.148	-6.293
311.2	-6.222	-7.161	-10.658	-6.543
311.4	-6.371	-7.178	-10.904	-7.049
311.7	-6.599	-7.179	-11.329	-7.307
311.9	-6.918	-7.167	-11.925	-7.284
312.1	-7.124	-7.266	-12.061	-7.035
312.3	-7.172	-7.511	-11.813	-6.797
312.6	-7.05	-7.561	-11.621	-6.445
312.8	-6.952	-7.839	-11.254	-6.27
313.0	-6.979	-8.202	-10.769	-5.909
313.2	-6.914	-8.355	-10.208	-5.915
313.5	-6.961	-8.877	-10.094	-5.701
313.7	-6.919	-9.295	-9.58	-5.439
313.9	-7.104	-9.571	-9.355	-5.36
314.1	-7.271	-10.068	-8.918	-5.042
314.4	-7.4	-10.481	-8.552	-4.775
314.6	-7.698	-10.772	-8.412	-4.589
314.8	-7.967	-11.066	-8.16	-4.415
315.0	-8.089	-11.346	-7.909	-4.265
315.3	-8.514	-11.704	-7.981	-4.038
315.5	-8.731	-11.962	-7.875	-3.857
315.7	-8.879	-12.232	-7.842	-3.922
315.9	-8.355	-12.278	-7.854	-3.824
316.2	-7.792	-12.021	-8.017	-3.792
316.4	-7.362	-12.046	-8.142	-3.944
316.6	-7.01	-11.576	-8.226	-4.121
316.8	-6.688	-11.332	-8.076	-4.417
317.1	-6.38	-11.066	-8.261	-4.67
317.3	-6.192	-10.789	-7.524	-5.061
317.5	-5.937	-10.272	-7.291	-5.415
317.7	-5.937	-9.984	-7.257	-5.632
318.0	-5.921	-9.803	-6.762	-5.9
318.2	-6.022	-9.624	-6.737	-6.139
318.4	-6.096	-9.313	-6.371	-6.261
318.6	-6.286	-9.147	-6.202	-6.475
318.9	-6.591	-9.067	-6.32	-6.718
319.1	-7.015	-9.056	-6.133	-6.309
319.3	-7.395	-8.948	-6.136	-5.856
319.5	-7.924	-9.047	-6.211	-5.376

299.7	-9.165	-11.412	-10.841	-10.349
300.0	-9.147	-11.48	-11.473	-10.142
300.2	-8.932	-11.55	-11.747	-10.347
300.4	-8.56	-11.615	-12.544	-10.46
300.6	-8.412	-11.882	-12.845	-10.482
300.9	-8.148	-12.109	-13.3	-10.683
301.1	-7.897	-12.466	-13.924	-10.709
301.3	-7.623	-12.651	-14.312	-10.823
301.5	-7.222	-12.75	-14.689	-10.846
301.8	-7.047	-13.256	-14.966	-10.604
302.0	-6.812	-13.326	-15.174	-10.607
302.2	-6.569	-13.802	-15.931	-10.741
302.4	-6.223	-14.071	-16.381	-10.734
302.7	-6.077	-14.177	-16.931	-10.729
302.9	-5.934	-14.571	-17.757	-10.645
303.1	-5.79	-14.975	-18.729	-10.198
303.3	-5.629	-15.142	-19.302	-10.509
303.6	-5.6	-15.117	-20.348	-10.523
303.8	-5.53	-15.17	-19.159	-10.572
304.0	-5.477	-15.114	-18.194	-10.534
304.2	-5.416	-15.189	-17.649	-10.353
304.5	-5.488	-15.756	-16.083	-10.542
304.7	-5.526	-15.511	-15.738	-10.3
304.9	-5.638	-16.013	-15.301	-10.146
305.1	-5.657	-15.83	-14.201	-10.005
305.4	-5.832	-16.37	-14.408	-9.823
305.6	-5.846	-16.892	-14.484	-9.664
305.8	-6.031	-16.716	-13.835	-9.365
306.0	-6.249	-17.072	-14.071	-9.201
306.3	-6.441	-17.293	-14.53	-9.171
306.5	-6.537	-17.845	-14.39	-9.026
306.7	-6.775	-18.034	-14.65	-8.863
306.9	-6.952	-18.264	-14.642	-8.721
307.2	-7.156	-18.345	-14.274	-8.399
307.4	-7.471	-18.286	-14.779	-8.401
307.6	-7.722	-18.321	-14.767	-8.498
307.8	-7.897	-18.47	-14.75	-8.336
308.1	-8.03	-18.616	-14.768	-8.281
308.3	-8.249	-18.364	-14.792	-8.353
308.5	-8.425	-19.211	-15.324	-8.106
308.7	-8.488	-19.499	-15.633	-8.175
309.0	-8.511	-19.628	-15.961	-8.208
309.2	-8.465	-20.404	-16.461	-8.342
309.4	-8.502	-21.128	-16.706	-8.275
309.6	-8.42	-21.748	-18.025	-8.389
309.9	-8.397	-21.752	-18.622	-8.307
310.1	-8.212	-21.483	-19.356	-8.46
310.3	-8.059	-22.886	-19.315	-8.55
310.5	-7.92	-22.379	-18.393	-8.749
310.8	-7.65	-22.706	-17.011	-8.627
311.0	-7.459	-22.16	-16.979	-8.945
311.2	-7.319	-22.055	-16.244	-8.893
311.4	-7.18	-21.142	-15.614	-9.132
311.7	-6.998	-21.581	-15.54	-9.246
311.9	-6.81	-21.486	-14.743	-9.475
312.1	-6.82	-21.732	-14.102	-9.45
312.3	-6.708	-21.476	-13.708	-9.585
312.6	-6.661	-21.864	-13.277	-9.906
312.8	-6.672	-21.924	-13.103	-9.814
313.0	-6.753	-22.254	-13.2	-10.113
313.2	-6.887	-21.058	-13.214	-10.403
313.5	-7.049	-21.559	-13.308	-10.127
313.7	-7.244	-21.389	-13.686	-10.344
313.9	-7.365	-20.374	-13.867	-10.127
314.1	-7.637	-20.369	-14.587	-9.994
314.4	-7.908	-19.926	-15.272	-10.201
314.6	-8.013	-19.499	-15.813	-9.752
314.8	-8.306	-19.6	-17.198	-9.782
315.0	-8.61	-19.057	-18.247	-9.381
315.3	-8.851	-18.68	-19.307	-9.237
315.5	-9.134	-18.305	-20.814	-9.034
315.7	-9.277	-17.795	-21.542	-8.824
315.9	-9.44	-17.011	-20.376	-9.081
316.2	-9.748	-15.974	-19.446	-8.995
316.4	-9.761	-15.699	-16.968	-8.668
316.6	-9.916	-14.654	-16.658	-9.936
316.8	-10.034	-14.615	-15.814	-9.482
317.1	-10.084	-14.249	-14.291	-9.715
317.3	-10.091	-13.519	-14.3	-11.363
317.5	-10.192	-13.268	-13.297	-11.47
317.7	-10.092	-13.126	-12.408	-11.785
318.0	-10.281	-12.69	-12.441	-13.396
318.2	-10.406	-12.694	-11.597	-12.916
318.4	-10.4	-12.591	-11.102	-14.143
318.6	-10.215	-12.556	-10.878	-13.637
318.9	-10.321	-12.167	-10.48	-13.717
319.1	-10.407	-12.217	-10.296	-14.753
319.3	-10.46	-11.956	-10.244	-14.547
319.5	-10.471	-11.823	-10.15	-14.818

319.8	-11.327	-18.156	-5.478	-7.135
320.0	-11.088	-16.995	-5.466	-7.152
320.2	-10.856	-15.228	-5.518	-7.509
320.4	-10.593	-14.652	-5.617	-7.422
320.6	-10.463	-13.995	-5.793	-7.807
320.9	-10.410	-12.888	-5.905	-8.114
321.1	-10.271	-12.475	-6.053	-8.394
321.3	-10.219	-11.997	-6.205	-8.646
321.5	-10.319	-11.291	-6.501	-8.915
321.8	-10.296	-11.182	-6.751	-9.217
322.0	-10.359	-11.041	-7.082	-9.45
322.2	-10.707	-10.831	-7.278	-9.698
322.4	-10.781	-10.797	-7.68	-9.672
322.7	-11.233	-10.964	-8.006	-9.777
322.9	-11.661	-11.069	-8.437	-9.619
323.1	-12.118	-11.191	-8.692	-9.66
323.3	-12.600	-11.354	-9.024	-9.481
323.6	-13.072	-11.82	-9.249	-9.421
323.8	-13.628	-12.304	-9.43	-9.097
324.0	-14.172	-12.336	-9.587	-8.896
324.2	-14.789	-13.037	-9.484	-8.665
324.5	-15.096	-13.37	-9.376	-8.321
324.7	-14.960	-13.898	-9.126	-7.956
324.9	-14.958	-14.518	-8.917	-7.807
325.1	-14.791	-15.052	-8.573	-7.505
325.4	-14.332	-15.982	-8.265	-7.277
325.6	-13.545	-16.783	-7.814	-6.983
325.8	-12.994	-17.604	-7.398	-6.797
326.0	-12.359	-18.042	-7.104	-6.522
326.3	-11.595	-19.548	-6.851	-6.241
326.5	-11.202	-19.914	-6.542	-5.992
326.7	-10.668	-20.238	-6.155	-5.767
326.9	-10.311	-20.05	-6.026	-5.668
327.2	-9.986	-19.642	-5.853	-5.536
327.4	-9.500	-18.835	-5.715	-5.447
327.6	-9.320	-17.735	-5.628	-5.394
327.8	-9.031	-16.846	-5.529	-5.464
328.1	-8.868	-15.782	-5.401	-5.61
328.3	-8.716	-15.121	-5.35	-5.571
328.5	-8.602	-14.239	-5.32	-5.874
328.7	-8.440	-13.549	-5.34	-5.984
329.0	-8.426	-12.978	-5.42	-6.138
329.2	-8.428	-12.57	-5.323	-6.203
329.4	-8.389	-12.089	-5.71	-6.139
329.6	-8.402	-11.947	-5.877	-6.224
329.9	-8.446	-11.754	-6.147	-6.069
330.1	-8.459	-11.548	-6.496	-6.011
330.3	-8.749	-11.371	-6.727	-5.918
330.5	-8.863	-11.261	-7.151	-5.833
330.8	-9.228	-11.286	-7.464	-5.547
331.0	-9.603	-11.39	-7.619	-5.521
331.2	-9.849	-11.363	-7.86	-5.388
331.4	-10.428	-11.21	-7.921	-5.339
331.7	-10.679	-11.715	-7.782	-5.352
331.9	-11.186	-11.778	-7.708	-5.241
332.1	-11.655	-11.956	-7.382	-5.253
332.3	-12.075	-12.132	-7.009	-5.129
332.6	-12.501	-12.294	-6.582	-5.192
332.8	-12.803	-12.319	-6.238	-5.226
333.0	-13.146	-12.775	-5.872	-5.176
333.2	-13.188	-13.004	-5.557	-5.192
333.5	-13.204	-13.123	-5.191	-5.194
333.7	-12.930	-13.182	-4.896	-5.269
333.9	-12.683	-13.426	-4.606	-5.189
334.1	-12.323	-13.581	-4.386	-5.16
334.4	-11.946	-13.494	-4.258	-5.276
334.6	-11.522	-13.426	-4.136	-5.179
334.8	-11.081	-13.265	-4.028	-5.263
335.0	-10.593	-13.235	-4.024	-5.314
335.3	-10.266	-12.941	-3.978	-5.401
335.5	-10.005	-12.817	-4.076	-5.5
335.7	-9.678	-12.299	-4.142	-5.632
335.9	-9.450	-12.379	-4.203	-5.641
336.2	-9.171	-12.136	-4.369	-5.723
336.4	-8.953	-11.759	-4.523	-5.899
336.6	-8.787	-11.392	-4.797	-5.947
336.8	-8.756	-11.379	-5.031	-6.003
337.1	-8.536	-10.982	-5.13	-6.045
337.3	-8.591	-10.922	-5.392	-6.164
337.5	-8.601	-10.764	-5.564	-6.249
337.7	-8.513	-10.556	-5.668	-6.267
338.0	-8.605	-10.147	-5.706	-6.314
338.2	-8.634	-10.329	-5.639	-6.425
338.4	-8.743	-10.06	-5.637	-6.594
338.6	-8.855	-9.917	-5.49	-6.67
338.9	-8.839	-9.924	-5.363	-6.91
339.1	-8.940	-9.836	-5.171	-6.852
339.3	-9.024	-9.769	-4.965	-7.032
339.5	-9.129	-9.664	-4.774	-7.209

319.8	-8.578	-9.05	-6.302	-5.123
320.0	-9.318	-9.056	-6.471	-4.706
320.2	-10.23	-9.12	-6.632	-4.336
320.4	-11.057	-9.172	-6.916	-4.219
320.6	-11.381	-9.059	-7.074	-4.101
320.9	-11.205	-9.059	-7.407	-4.054
321.1	-11.487	-9.04	-7.292	-4.105
321.3	-11.826	-9.07	-7.09	-4.123
321.5	-12.121	-8.973	-7.428	-4.229
321.8	-12.286	-9.1	-7.91	-4.3
322.0	-12.647	-9.605	-7.697	-4.574
322.2	-13.001	-9.716	-7.944	-4.753
322.4	-13.174	-10.081	-8.003	-4.819
322.7	-13.204	-10.302	-7.945	-4.746
322.9	-12.342	-10.573	-7.995	-4.684
323.1	-11.586	-10.714	-7.561	-4.532
323.3	-11.063	-10.617	-7.588	-4.554
323.6	-10.409	-10.629	-7.523	-4.472
323.8	-10.061	-10.32	-7.103	-4.528
324.0	-9.724	-9.961	-6.918	-4.617
324.2	-9.469	-9.52	-6.895	-4.757
324.5	-9.092	-8.978	-6.752	-5.095
324.7	-9.057	-8.587	-6.776	-5.461
324.9	-8.91	-8.185	-6.697	-6.037
325.1	-8.872	-7.817	-6.674	-6.672
325.4	-8.757	-7.47	-6.748	-7.62
325.6	-8.914	-7.222	-6.898	-8.434
325.8	-9.12	-6.939	-6.978	-9.045
326.0	-9.367	-6.782	-6.879	-9.302
326.3	-9.571	-6.639	-7.023	-9.829
326.5	-9.895	-6.573	-7.401	-10.121
326.7	-10.259	-6.5	-7.488	-10.332
326.9	-10.501	-6.464	-7.508	-10.606
327.2	-10.935	-6.545	-7.528	-10.922
327.4	-11.158	-6.474	-7.536	-11.355
327.6	-11.217	-6.242	-7.786	-11.538
327.8	-11.431	-6.211	-7.717	-11.998
328.1	-11.285	-6.115	-7.625	-12.123
328.3	-11.07	-6.175	-7.707	-12.603
328.5	-10.946	-6.257	-7.536	-12.854
328.7	-10.694	-6.361	-7.546	-12.542
329.0	-10.616	-6.549	-7.705	-11.731
329.2	-10.391	-6.868	-7.456	-11.18
329.4	-10.282	-7.246	-7.454	-10.8
329.6	-10.359	-7.515	-7.264	-9.733
329.9	-10.468	-7.881	-7.282	-8.848
330.1	-10.533	-8.275	-7.207	-8.178
330.3	-10.75	-8.693	-7.163	-7.907
330.5	-10.987	-9.035	-6.728	-6.827
330.8	-11.285	-9.441	-6.455	-6.147
331.0	-11.124	-9.715	-6.063	-5.962
331.2	-10.777	-9.929	-5.794	-5.885
331.4	-10.516	-10.052	-5.622	-5.862
331.7	-10.154	-10.506	-5.45	-5.999
331.9	-9.705	-10.683	-5.523	-6.256
332.1	-9.572	-11.008	-5.576	-6.702
332.3	-9.112	-11.309	-5.678	-7.218
332.6	-8.835	-11.452	-5.657	-7.845
332.8	-8.557	-11.693	-5.454	-8.469
333.0	-8.374	-11.082	-5.358	-9.093
333.2	-8.068	-10.24	-5.334	-9.758
333.5	-8.022	-9.259	-5.268	-10.099
333.7	-7.964	-8.151	-5.165	-10.063
333.9	-7.903	-7.424	-5.086	-9.983
334.1	-8.144	-6.795	-5.152	-10.181
334.4	-8.281	-6.215	-5.121	-10.204
334.6	-8.579	-5.812	-5.231	-10.237
334.8	-9.032	-5.381	-5.247	-9.938
335.0	-9.512	-5.203	-5.269	-9.746
335.3	-9.725	-4.997	-5.328	-9.356
335.5	-10.323	-4.888	-5.343	-9.009
335.7	-10.676	-4.808	-5.245	-8.54
335.9	-10.959	-4.78	-5.292	-8.195
336.2	-11.201	-4.783	-5.186	-7.709
336.4	-11.258	-4.859	-5.132	-7.141
336.6	-11.479	-4.93	-5.158	-6.666
336.8	-11.585	-5.1	-5.224	-6.067
337.1	-11.762	-5.222	-5.259	-5.669
337.3	-11.767	-5.491	-5.239	-5.238
337.5	-11.932	-5.769	-5.326	-5.054
337.7	-12.009	-6.104	-5.662	-4.979
338.0	-12.162	-6.364	-5.973	-4.87
338.2	-12.461	-6.852	-6.272	-4.816
338.4	-12.35	-7.379	-6.465	-4.769
338.6	-12.768	-7.856	-6.671	-4.961
338.9	-12.8	-8.275	-7.274	-5.182
339.1	-12.805	-8.806	-7.782	-5.305
339.3	-12.911	-9.389	-8.145	-5.435
339.5	-12.946	-9.776	-8.258	-5.561

319.8	-10.59	-11.879	-9.967	-15.559
320.0	-10.618	-11.448	-10.321	-15.663
320.2	-10.819	-11.29	-10.337	-16.124
320.4	-10.808	-11.271	-10.22	-16.67
320.6	-11.218	-10.918	-10.677	-16.269
320.9	-11.609	-10.825	-10.788	-16.79
321.1	-11.774	-10.708	-10.962	-15.996
321.3	-12.117	-10.481	-10.824	-15.248
321.5	-12.508	-10.373	-10.974	-14.869
321.8	-12.797	-10.279	-10.819	-14.372
322.0	-12.906	-10.204	-10.615	-13.331
322.2	-13.034	-10.166	-10.366	-13.785
322.4	-12.871	-9.937	-10.015	-12.967
322.7	-13.107	-10.126	-9.965	-12.622
322.9	-13.036	-10.208	-9.547	-13.568
323.1	-12.79	-10.131	-9.146	-12.298
323.3	-12.754	-10.047	-9.064	-12.168
323.6	-12.712	-10.319	-8.73	-12.802
323.8	-12.488	-10.339	-8.586	-12.254
324.0	-12.5	-10.251	-8.531	-12.686
324.2	-12.208	-10.219	-8.501	-12.628
324.5	-12.492	-10.245	-8.444	-12.583
324.7	-12.594	-10.283	-8.426	-12.79
324.9	-13.069	-10.323	-8.586	-12.736
325.1	-13.468	-10.106	-8.636	-12.675
325.4	-13.616	-10.123	-8.71	-12.775
325.6	-13.679	-10.06	-8.801	-12.651
325.8	-13.737	-10.04	-8.775	-12.622
326.0	-13.633	-9.877	-8.619	-12.434
326.3	-13.463	-9.834	-8.567	-11.971
326.5	-13.545	-9.774	-8.683	-11.623
326.7	-13.338	-9.814	-8.56	-11.084
326.9	-13.097	-9.645	-8.517	-10.796
327.2	-13.005	-9.703	-8.631	-10.804
327.4	-13.148	-9.579	-8.785	-10.432
327.6	-13.104	-9.391	-8.728	-10.46
327.8	-13.058	-9.26	-8.75	-10.314
328.1	-12.617	-9.287	-8.954	-10.379
328.3	-12.772	-9.097	-8.955	-10.543
328.5	-12.585	-9.064	-9.468	-9.62
328.7	-12.491	-9.008	-9.532	-9.549
329.0	-12.31	-8.917	-9.849	-9.203
329.2	-12.135	-8.953	-10.408	-8.571
329.4	-11.858	-8.896	-10.412	-8.853
329.6	-11.856	-9.144	-10.553	-8.229
329.9	-12.074	-9.336	-11.182	-7.896
330.1	-11.875	-9.403	-11.177	-8.284
330.3	-11.954	-9.518	-11.565	-7.907
330.5	-11.541	-9.572	-11.65	-7.929
330.8	-11.095	-9.803	-11.728	-8.203
331.0	-10.748	-10.112	-11.907	-7.993
331.2	-10.354	-10.253	-11.95	-8.132
331.4	-10.018	-10.418	-11.986	-8.494
331.7	-9.725	-10.355	-11.887	-8.444
331.9	-9.247	-10.554	-11.728	-8.843
332.1	-8.97	-10.739	-11.916	-8.891
332.3	-8.72	-10.751	-11.759	-8.885
332.6	-8.57	-10.853	-11.883	-9.574
332.8	-8.396	-10.842	-12.019	-9.382
333.0	-8.419	-10.808	-12.043	-9.583
333.2	-8.479	-10.828	-12.471	-9.554
333.5	-8.499	-10.828	-12.108	-9.412
333.7	-8.849	-10.674	-12.136	-9.633
333.9	-9.167	-10.795	-12.223	-9.021
334.1	-9.562	-10.692	-11.991	-9.115
334.4	-10.004	-10.65	-11.736	-9.12
334.6	-10.406	-10.439	-11.374	-8.606
334.8	-10.761	-10.464	-11.236	-8.67
335.0	-11.197	-10.41	-11.332	-8.405
335.3	-11.462	-10.144	-11.14	-8.117
335.5	-11.577	-10.002	-11.187	-8.156
335.7	-11.799	-9.945	-11.393	-8.065
335.9	-11.835	-9.845	-11.842	-7.942
336.2	-11.911	-9.78	-12.478	-7.814
336.4	-11.799	-9.649	-13.258	-7.645
336.6	-11.898	-9.458	-14.271	-7.714
336.8	-12.086	-9.406	-15.255	-7.748
337.1	-12.074	-9.302	-16.214	-7.587
337.3	-12.056	-9.381	-17.376	-7.493
337.5	-12.12	-9.321	-18.18	-7.436
337.7	-12.167	-9.03	-17.783	-7.412
338.0	-12.059	-9.161	-17.253	-7.345
338.2	-12.201	-9.158	-16.691	-7.024
338.4	-12.137	-9.116	-16.304	-7.313
338.6	-11.823	-9.048	-16.252	-7.113
338.9	-11.892	-9.1	-15.804	-7.115
339.1	-11.813	-9.084	-15.89	-7.216
339.3	-11.446	-9.142	-16.442	-7.155
339.5	-11.541	-9.204	-16.583	-7.323

339.8	-9.159	-9.707	-4.557	-7.31
340.0	-9.219	-9.642	-4.536	-7.23
340.2	-9.233	-9.448	-4.363	-7.226
340.4	-9.394	-9.507	-4.272	-7.277
340.7	-9.373	-9.429	-4.193	-7.138
340.9	-9.493	-9.354	-4.237	-7.113
341.1	-9.489	-9.33	-4.229	-6.978
341.3	-9.503	-9.214	-4.224	-6.991
341.6	-9.452	-9.203	-4.171	-6.939
341.8	-9.390	-9.078	-4.242	-6.831
342.0	-9.253	-9.188	-4.283	-6.929
342.2	-9.118	-9.126	-4.313	-6.861
342.5	-9.032	-9.08	-4.272	-6.96
342.7	-8.871	-9.185	-4.236	-6.977
342.9	-8.655	-9.172	-4.328	-7.136
343.1	-8.581	-9.175	-4.161	-7.268
343.4	-8.331	-9.095	-4.177	-7.476
343.6	-8.099	-9.256	-4.064	-7.617
343.8	-7.954	-9.249	-4.009	-7.762
344.0	-7.670	-9.194	-3.948	-8.046
344.3	-7.363	-9.174	-3.892	-8.097
344.5	-7.137	-9.222	-3.921	-8.231
344.7	-7.102	-9.031	-3.83	-8.659
344.9	-6.919	-9.075	-3.89	-8.887
345.2	-6.796	-8.952	-3.858	-9.057
345.4	-6.719	-8.966	-3.804	-9.015
345.6	-6.581	-8.817	-3.842	-9.126
345.8	-6.484	-8.903	-3.895	-9.226
346.1	-6.437	-8.632	-3.931	-9.26
346.3	-6.387	-8.685	-4.017	-9.236
346.5	-6.348	-8.471	-4.176	-9.026
346.7	-6.347	-8.346	-4.287	-9.251
347.0	-6.398	-8.153	-4.4	-9.242
347.2	-6.435	-8.002	-4.511	-9.14
347.4	-6.526	-7.792	-4.645	-8.982
347.6	-6.570	-7.635	-4.755	-9.23
347.9	-6.671	-7.462	-4.854	-9.186
348.1	-6.827	-7.325	-4.866	-9.084
348.3	-6.895	-7.136	-4.989	-9.053
348.5	-6.861	-7.009	-4.988	-9.368
348.8	-6.861	-6.881	-5.089	-9.342
349.0	-6.975	-6.729	-5.048	-9.363
349.2	-6.856	-6.616	-5.097	-9.275
349.4	-6.920	-6.614	-4.959	-9.37
349.7	-6.866	-6.599	-4.87	-9.497
349.9	-6.825	-6.734	-4.9	-9.686
350.1	-6.777	-6.805	-4.825	-9.803
350.3	-6.740	-6.823	-4.839	-9.801
350.6	-6.595	-6.973	-4.832	-9.953
350.8	-6.534	-6.997	-4.882	-10.127
351.0	-6.465	-7.098	-4.832	-10.024
351.2	-6.406	-7.136	-4.839	-10.086
351.5	-6.293	-7.311	-4.822	-10.36
351.7	-6.248	-7.398	-4.879	-10.534
351.9	-6.140	-7.451	-4.846	-10.509
352.1	-6.010	-7.461	-4.863	-10.64
352.4	-6.001	-7.55	-4.831	-10.614
352.6	-5.974	-7.603	-4.831	-10.579
352.8	-5.891	-7.54	-4.827	-10.557
353.0	-5.782	-7.583	-4.825	-10.507
353.3	-5.735	-7.64	-4.852	-10.551
353.5	-5.694	-7.674	-4.863	-10.695
353.7	-5.572	-7.679	-4.73	-10.632
353.9	-5.563	-7.64	-4.866	-10.726
354.2	-5.540	-7.716	-4.854	-10.601
354.4	-5.562	-7.746	-4.727	-10.597
354.6	-5.550	-7.787	-4.832	-10.676
354.8	-5.538	-7.634	-4.868	-10.609
355.1	-5.495	-7.729	-4.794	-10.548
355.3	-5.571	-7.833	-4.793	-10.686
355.5	-5.575	-7.738	-4.85	-10.756
355.7	-5.539	-7.724	-4.844	-10.711
356.0	-5.572	-7.719	-4.842	-10.72
356.2	-5.609	-7.78	-4.871	-10.413
356.4	-5.586	-7.624	-4.899	-10.706
356.6	-5.591	-7.64	-4.86	-10.565
356.9	-5.593	-7.672	-4.899	-10.547
357.1	-5.596	-7.611	-4.86	-10.596
357.3	-5.562	-7.588	-4.859	-10.632
357.5	-5.627	-7.745	-4.832	-10.687
357.8	-5.540	-7.733	-4.849	-10.682
358.0	-5.590	-7.742	-4.849	-10.58
358.2	-5.564	-7.734	-4.883	-10.591
358.4	-5.531	-7.72	-4.821	-10.69
358.7	-5.563	-7.68	-4.797	-10.665
358.9	-5.551	-7.776	-4.81	-10.68
359.1	-5.572	-7.586	-4.861	-10.748
359.3	-5.559	-7.763	-4.774	-10.67
359.6	-5.605	-7.695	-4.855	-10.559

339.8	-12.655	-9.902	-8.374	-5.546
340.0	-12.801	-9.961	-8.307	-5.641
340.2	-12.7	-10.047	-8.204	-5.627
340.4	-12.661	-9.794	-8.21	-5.641
340.7	-12.772	-9.474	-8.015	-5.63
340.9	-12.763	-9.423	-8.001	-5.753
341.1	-12.922	-8.977	-7.952	-6.003
341.3	-12.875	-8.834	-8.174	-6.355
341.6	-13.06	-8.676	-8.291	-6.65
341.8	-13.055	-8.531	-8.494	-7.135
342.0	-12.794	-8.429	-8.91	-7.458
342.2	-12.934	-8.303	-8.858	-8.062
342.5	-13.035	-8.227	-8.685	-8.374
342.7	-12.895	-7.976	-8.717	-8.68
342.9	-12.986	-7.972	-8.696	-8.668
343.1	-12.937	-7.716	-8.707	-8.608
343.4	-12.957	-7.451	-8.775	-8.529
343.6	-12.968	-7.216	-8.934	-8.336
343.8	-13.002	-6.977	-8.867	-8.132
344.0	-12.96	-6.777	-9.216	-7.843
344.3	-12.922	-6.615	-9.247	-7.359
344.5	-13.062	-6.554	-9.491	-7.301
344.7	-12.986	-6.538	-9.682	-7.007
344.9	-13.035	-6.602	-9.793	-6.869
345.2	-12.892	-6.68	-10.134	-6.672
345.4	-12.902	-6.981	-10.314	-6.358
345.6	-13.022	-7.187	-10.383	-6.143
345.8	-12.926	-7.565	-10.858	-5.932
346.1	-12.897	-7.895	-11.213	-5.686
346.3	-12.769	-8.299	-11.354	-5.513
346.5	-13.046	-8.698	-11.646	-5.483
346.7	-12.951	-8.849	-11.944	-5.273
347.0	-12.904	-9.239	-12.091	-5.271
347.2	-12.926	-9.319	-12.556	-5.265
347.4	-12.928	-9.307	-12.61	-5.262
347.6	-13.043	-9.353	-12.901	-5.38
347.9	-13.02	-9.444	-13.277	-5.583
348.1	-12.933	-9.631	-13.446	-5.778
348.3	-12.989	-9.848	-14.203	-5.867
348.5	-13.02	-9.999	-14.614	-6.159
348.8	-12.851	-9.974	-15.112	-6.38
349.0	-12.702	-10.195	-15.86	-6.444
349.2	-13.025	-10.247	-16.075	-6.494
349.4	-12.931	-10.498	-17.006	-6.642
349.7	-12.933	-10.541	-17.09	-6.683
349.9	-12.937	-10.564	-17.483	-6.641
350.1	-12.916	-10.643	-17.202	-6.83
350.3	-13.035	-10.516	-17.037	-6.962
350.6	-12.917	-10.248	-16.56	-6.879
350.8	-12.992	-10.123	-16.727	-7.201
351.0	-12.993	-9.862	-16.585	-7.234
351.2	-12.885	-9.735	-16.562	-7.321
351.5	-12.996	-9.655	-16.571	-7.301
351.7	-12.906	-9.505	-16.605	-7.354
351.9	-12.909	-9.372	-16.888	-7.466
352.1	-12.846	-9.205	-17.164	-7.373
352.4	-12.932	-9.34	-17.15	-7.553
352.6	-12.921	-9.402	-17.277	-7.63
352.8	-12.985	-9.509	-17.435	-7.454
353.0	-13.006	-9.495	-17.394	-7.567
353.3	-12.869	-9.492	-17.38	-7.714
353.5	-12.829	-9.561	-17.294	-7.784
353.7	-13.058	-9.613	-16.737	-7.736
353.9	-12.896	-9.673	-17.106	-7.653
354.2	-13.015	-9.563	-17.618	-7.714
354.4	-13.021	-9.514	-17.266	-7.846
354.6	-13.052	-9.423	-17.605	-7.817
354.8	-12.896	-9.567	-17.68	-7.789
355.1	-12.893	-9.55	-17.505	-7.715
355.3	-12.938	-9.42	-17.46	-7.773
355.5	-12.903	-9.508	-17.623	-7.815
355.7	-12.977	-9.508	-17.435	-7.772
356.0	-12.935	-9.617	-17.483	-7.745
356.2	-12.836	-9.643	-17.658	-7.773
356.4	-13.028	-9.508	-17.487	-7.856
356.6	-12.963	-9.545	-17.503	-7.793
356.9	-12.913	-9.647	-17.614	-7.794
357.1	-12.999	-9.465	-17.686	-7.749
357.3	-13.029	-9.402	-17.716	-7.712
357.5	-13.023	-9.614	-17.273	-7.813
357.8	-13.002	-9.58	-17.343	-7.803
358.0	-13.025	-9.479	-17.767	-7.777
358.2	-12.935	-9.462	-17.581	-7.765
358.4	-12.866	-9.611	-17.491	-7.845
358.7	-13.04	-9.65	-17.281	-7.548
358.9	-13.029	-9.524	-17.705	-7.684
359.1	-12.943	-9.619	-17.421	-7.581
359.3	-12.972	-9.626	-17.63	-7.802
359.6	-12.771	-9.573	-17.533	-7.791

339.8	-11.411	-9.353	-17.017	-7.285
340.0	-11.456	-9.475	-17.598	-7.284
340.2	-11.335	-9.722	-18.024	-7.325
340.4	-11.389	-9.678	-17.928	-7.158
340.7	-11.516	-9.925	-17.722	-7.074
340.9	-11.787	-10.075	-16.629	-7.012
341.1	-11.783	-10.043	-16.424	-6.536
341.3	-12.134	-10.167	-15.113	-6.644
341.6	-12.214	-10.209	-14.223	-6.538
341.8	-12.437	-9.988	-13.483	-6.473
342.0	-12.533	-10.026	-12.99	-6.357
342.2	-12.593	-10.01	-11.969	-6.233
342.5	-12.358	-9.749	-11.858	-6.218
342.7	-12.211	-9.796	-11.52	-6.453
342.9	-11.604	-9.745	-11.36	-6.467
343.1	-11.604	-9.584	-11.039	-6.475
343.4	-11.601	-9.415	-11.158	-6.471
343.6	-11.231	-9.403	-10.873	-6.552
343.8	-11.185	-9.217	-10.926	-6.626
344.0	-11.047	-9.039	-11.032	-6.672
344.3	-10.957	-9.111	-10.96	-6.647
344.5	-10.917	-9.006	-11.187	-6.617
344.7	-10.902	-8.997	-11.354	-6.848
344.9	-10.978	-8.872	-11.531	-6.922
345.2	-11.319	-9.001	-11.771	-6.938
345.4	-11.322	-8.93	-11.966	-6.902
345.6	-11.568	-8.873	-12.31	-6.909
345.8	-11.916	-8.977	-12.521	-6.911
346.1	-12.067	-8.874	-12.505	-6.988
346.3	-12.317	-8.918	-12.565	-6.881
346.5	-12.843	-8.87	-12.715	-7.008
346.7	-12.941	-8.718	-12.838	-6.772
347.0	-13.437	-8.614	-12.786	-6.918
347.2	-13.786	-8.514	-13.067	-6.833
347.4	-13.848	-8.573	-12.788	-6.805
347.6	-13.995	-8.534	-12.939	-6.791
347.9	-13.491	-8.385	-12.976	-6.503
348.1	-13.208	-8.471	-12.579	-6.516
348.3	-12.634	-8.601	-12.194	-6.416
348.5	-12.451	-8.365	-11.997	-6.406
348.8	-12.287	-8.509	-11.977	-6.322
349.0	-12.148	-8.726	-11.712	-6.245
349.2	-11.974	-8.894	-11.489	-6.225
349.4	-12.019	-9.007	-11.071	-6.212
349.7	-12.042	-9.176	-11.186	-6.392
349.9	-12.054	-9.355	-11.168	-6.237
350.1	-12.254	-9.492	-11.063	-6.575
350.3	-12.203	-9.656	-11.492	-6.896
350.6	-12.165	-9.681	-10.919	-6.841
350.8	-12.138	-9.92	-11.135	-7.38
351.0	-12.248	-10.051	-11.354	-7.497
351.2	-12.388	-10.265	-10.742	-7.572
351.5	-12.336	-10.346	-11.142	-7.846
351.7	-12.189	-10.376	-10.84	-7.895
351.9	-12.536	-10.384	-10.523	-7.983
352.1	-12.576	-10.428	-10.499	-8.194
352.4	-12.602	-10.541	-10.238	-8.139
352.6	-12.822	-10.512	-9.925	-8.305
352.8	-12.797	-10.553	-9.736	-8.263
353.0	-13.083	-10.445	-9.615	-8.261
353.3	-13.047	-10.473	-9.429	-8.351
353.5	-13.028	-10.484	-9.403	-8.355
353.7	-13.12	-10.435	-9.454	-8.463
353.9	-13.069	-10.481	-9.378	-8.281
354.2	-13.215	-10.511	-9.294	-8.355
354.4	-13.213	-10.602	-9.042	-8.541
354.6	-13.233	-10.479	-9.111	-8.333
354.8	-13.33	-10.478	-9.226	-8.52
355.1	-13.292	-10.47	-9.205	-8.377
355.3	-13.161	-10.539	-9.214	-8.507
355.5	-13.149	-10.478	-9.259	-8.432
355.7	-13.08	-10.457	-9.21	-8.469
356.0	-13.241	-10.423	-9.155	-8.45
356.2	-13.322	-10.313	-9.045	-8.457
356.4	-13.174	-10.523	-9.188	-8.455
356.6	-13.174	-10.458	-9.072	-8.279
356.9	-13.309	-10.46	-9.258	-8.311
357.1	-13.256	-10.493	-9.141	-8.37
357.3	-13.299	-10.398	-9.119	-8.343
357.5	-13.268	-10.537	-9.227	-8.488
357.8	-13.238	-10.455	-9.176	-8.495
358.0	-13.396	-10.402	-9.201	-8.479
358.2	-13.205	-10.525	-9.141	-8.486
358.4	-13.405	-10.452	-9.235	-8.487
358.7	-13.327	-10.56	-9.159	-8.483
358.9	-13.368	-10.451	-9.129	-8.378
359.1	-13.199	-10.511	-9.052	-8.588
359.3	-13.101	-10.577	-9.068	-8.483
359.6	-13.225	-10.451	-9.148	-8.43

359.8	-5.549	-7.756	-4.888	-10.518
360.0	-5.469	-7.675	-4.833	-10.727

359.8	-12.965	-9.601	-17.511	-7.8
360.0	-12.86	-9.557	-17.449	-7.795

359.8	-13.247	-10.464	-9.207	-8.441
360.0	-13.315	-10.368	-9.147	-8.508