Test Name	**PLY, WC, rep 3**
Cladding	**Plywood**
Cladding Thickness [mm]	**12**
Insulation	**Water-cooled steel plate**
Insulation Thickness [mm]	
Cavity Width [mm]	**50**
Repetition Number	**3**
Mass Flow Rate (Propane)	**0.2**
Description	This experiment is on a system consisting of a Plywood cladding panel and a Water-cooled steel plate insulation panel, separated with a cavity of 50 mm width. It is the third repetition of this system configuration.
Experiment Notes	There were no noticeable observations for this test.
Peak HRR [kW]	**34.2**
Time to Peak HRR [mins]	**7.25**
Residual HRR [kW]	**3.12**
Total HR [MJ]	**13.9**
Peak dQ/dt [kW/s]	**0.239**
Time to Peak dQ/dt [s]	**5.5**

Test Time [s]	Heat Release Rate **HRR [kW]**	HRR Smoothed **[kW]**	Mass Rainscreen **[kg]**	Mass Insulation **[kg]**	Mass Drip Tray **[kg]**	Mass Total **[kg]**	MLR Rainscreen **Smoothed 100pt [g/s]**	MLR Insulation **Smoothed 100pt [g/s]**	MLR Drip Tray **Smoothed 100pt [g/s]**	MLR Total **Smoothed 100pt [g/s]**
0	-0.0619	-0.0619	3.9465	0	-0.0006	3.9459	0.7275	0	0.0058	0.7333
1	-0.0966	-0.109	3.9454	0	-0.0006	3.9448	0.73	0	0.0057	0.7357
2	-0.168	-0.0737	3.945	0	-0.0006	3.9444	0.7207	0	0.0056	0.7263
3	-0.121	0.0932	3.944	0	-0.0005	3.9435	0.7209	0	0.0055	0.7264
4	0.0797	0.51	3.9427	0	-0.0006	3.9422	0.716	0	0.0054	0.7214
5	0.333	1.11	3.9414	0	-0.0007	3.9407	0.7194	0	0.0069	0.7263
6	0.688	1.76	3.9402	0	-0.0007	3.9396	0.7088	0	0.0084	0.7172
7	1.45	2.37	3.9391	0	-0.0006	3.9385	0.7066	0	0.0099	0.7165
8	2.49	2.91	3.9377	0	-0.0005	3.9372	0.7082	0	0.0102	0.7184
9	3.37	3.42	3.9364	0	-0.0006	3.9359	0.7006	0	0.0091	0.7097
10	4.19	3.82	3.9359	0	-0.0007	3.9352	0.6957	0	0.009	0.7047
11	4.96	4.23	3.9353	0	-0.0008	3.9345	0.7054	0	0.0097	0.7151
12	5.75	4.66	3.9353	0	-0.001	3.9343	0.7289	0	0.0095	0.7384
13	5.94	5.08	3.9351	0	-0.0011	3.934	0.7631	0	0.0098	0.7729
14	6.72	5.49	3.9354	0	-0.0011	3.9343	0.7994	0	0.0108	0.8102
15	6.7	5.9	3.9357	0	-0.0012	3.9345	0.816	0	0.0108	0.8268
16	7.17	6.3	3.9363	0	-0.0013	3.9351	0.8248	0	0.012	0.8368
17	7.66	6.66	3.9366	0	-0.0014	3.9353	0.8444	0	0.0118	0.8562
18	7.84	6.99	3.9363	0	-0.0014	3.9349	0.8514	0	0.0116	0.863
19	7.59	7.29	3.9357	0	-0.0014	3.9343	0.8419	0	0.0126	0.8545
20	7.7	7.54	3.9349	0	-0.0014	3.9336	0.8459	0	0.0127	0.8587
21	8	7.73	3.9339	0	-0.0013	3.9326	0.8416	0	0.0126	0.8542
22	7.92	7.89	3.9334	0	-0.0013	3.9321	0.8235	0	0.0116	0.8352
23	7.83	8.05	3.9335	0	-0.0013	3.9322	0.8041	0	0.0121	0.8163
24	8.1	8.16	3.9333	0	-0.0012	3.9321	0.7963	0	0.0134	0.8097
25	8.31	8.3	3.9329	0	-0.0011	3.9318	0.804	0	0.0145	0.8184
26	8.22	8.43	3.9325	0	-0.0012	3.9313	0.812	0	0.0185	0.8305
27	8.91	8.51	3.9313	0	-0.0009	3.9304	0.792	0	0.0235	0.8155
28	9.03	8.58	3.9297	0	-0.0008	3.9289	0.7735	0	0.0243	0.7977

29	8.85	8.69	3.9288	0	-0.0007	3.928	0.7543	0	0.0239	0.7783
30	8.58	8.82	3.9272	0	-0.0007	3.9265	0.7247	0	0.0225	0.7472
31	8.8	8.94	3.9246	0	-0.0007	3.9239	0.7024	0	0.0201	0.7225
32	8.96	9.06	3.9222	0	-0.0008	3.9213	0.6959	0	0.0176	0.7135
33	8.95	9.18	3.9198	0	-0.001	3.9188	0.7004	0	0.0168	0.7171
34	9.32	9.27	3.918	0	-0.001	3.917	0.7128	0	0.0166	0.7294
35	9.6	9.36	3.9168	0	-0.001	3.9158	0.7199	0	0.0164	0.7363
36	9.24	9.47	3.9158	0	-0.001	3.9147	0.7285	0	0.0157	0.7442
37	9.2	9.56	3.9148	0	-0.0011	3.9137	0.7407	0	0.0148	0.7556
38	9.63	9.66	3.9142	0	-0.0011	3.9131	0.7437	0	0.0144	0.7581
39	10.1	9.73	3.915	0	-0.0011	3.9139	0.7502	0	0.0129	0.7631
40	10.2	9.81	3.9158	0	-0.001	3.9148	0.7605	0	0.0108	0.7713
41	10.3	9.88	3.9162	0	-0.0008	3.9154	0.7662	0	0.0087	0.7749
42	10	9.94	3.9165	0	-0.0006	3.9159	0.7699	0	0.0086	0.7785
43	9.96	10	3.9164	0	-0.0007	3.9157	0.7764	0	0.0076	0.7839
44	10	10.1	3.9159	0	-0.0008	3.9151	0.7761	0	0.0074	0.7835
45	10.2	10.1	3.915	0	-0.0008	3.9141	0.7862	0	0.0073	0.7935
46	10.7	10.2	3.914	0	-0.0008	3.9132	0.7905	0	0.0072	0.7977
47	10.8	10.3	3.9133	0	-0.0007	3.9126	0.7873	0	0.009	0.7963
48	10.3	10.3	3.9125	0	-0.0007	3.9118	0.7923	0	0.0117	0.8041
49	10	10.4	3.9113	0	-0.0008	3.9105	0.8035	0	0.014	0.8175
50	10.2	10.4	3.9105	0	-0.0008	3.9097	0.81	0	0.0149	0.8249
51	10.2	10.5	3.9102	0	-0.0008	3.9094	0.8059	0	0.0131	0.819
52	10.3	10.5	3.9095	0	-0.0008	3.9087	0.7983	0	0.0108	0.8091
53	10.4	10.5	3.909	0	-0.0008	3.9082	0.7998	0	0.0101	0.8098
54	9.9	10.6	3.9081	0	-0.0009	3.9072	0.7934	0	0.0117	0.8051
55	11.1	10.7	3.908	0	-0.001	3.907	0.778	0	0.0121	0.7901
56	11	10.7	3.9074	0	-0.0011	3.9063	0.765	0	0.01	0.775
57	10.5	10.8	3.9066	0	-0.0011	3.9055	0.7604	0	0.0101	0.7705
58	10.7	10.9	3.9064	0	-0.001	3.9053	0.7567	0	0.0119	0.7687
59	11.2	11	3.906	0	-0.001	3.9049	0.7482	0	0.0126	0.7608
60	11.1	11	3.9047	0	-0.0011	3.9036	0.7437	0	0.0114	0.7551
61	10.5	11.1	3.9025	0	-0.0011	3.9014	0.7503	0	0.0098	0.76
62	10.7	11.1	3.8996	0	-0.0011	3.8985	0.7528	0	0.0087	0.7615
63	11.4	11.1	3.8965	0	-0.0012	3.8953	0.7621	0	0.0068	0.7689
64	11.9	11.2	3.8946	0	-0.0012	3.8934	0.763	0	0.005	0.768
65	11	11.2	3.8933	0	-0.0013	3.892	0.7759	0	0.0032	0.7791

66	11.9	11.3	3.8911	0	-0.0013	3.8898	0.7939	0	0.0038	0.7977
67	12.4	11.3	3.8898	0	-0.0013	3.8885	0.8212	0	0.004	0.8251
68	12.1	11.4	3.8896	0	-0.0014	3.8882	0.8406	0	0.004	0.8445
69	10.9	11.5	3.8885	0	-0.0014	3.8871	0.8483	0	0.0034	0.8517
70	11	11.5	3.8879	0	-0.0014	3.8865	0.8546	0	0.0041	0.8587
71	11	11.5	3.8884	0	-0.0013	3.8871	0.8527	0	0.0055	0.8582
72	10.9	11.5	3.889	0	-0.0014	3.8876	0.8425	0	0.0052	0.8478
73	11.4	11.5	3.8888	0	-0.0015	3.8873	0.8417	0	0.0037	0.8454
74	11.9	11.5	3.8874	0	-0.0016	3.8858	0.8514	0	0.0033	0.8547
75	11.8	11.5	3.886	0	-0.0019	3.8841	0.8573	0	0.0043	0.8617
76	11.7	11.5	3.8867	0	-0.0023	3.8844	0.8619	0	0.0059	0.8678
77	11.7	11.4	3.8874	0	-0.0024	3.885	0.8651	0	0.0062	0.8712
78	12.4	11.4	3.8881	0	-0.0024	3.8857	0.866	0	0.0089	0.8749
79	11.4	11.4	3.8897	0	-0.0023	3.8874	0.8648	0	0.0091	0.8739
80	11.2	11.4	3.8908	0	-0.0021	3.8887	0.8766	0	0.0106	0.8872
81	11.4	11.5	3.8906	0	-0.002	3.8887	0.8823	0	0.0117	0.894
82	11.2	11.5	3.8896	0	-0.0019	3.8877	0.8634	0	0.012	0.8754
83	11.3	11.5	3.8878	0	-0.0019	3.8859	0.837	0	0.0092	0.8463
84	11.4	11.5	3.8865	0	-0.0019	3.8846	0.8136	0	0.006	0.8196
85	11.3	11.5	3.885	0	-0.0019	3.8832	0.7986	0	0.0043	0.8029
86	11.2	11.5	3.8832	0	-0.0018	3.8814	0.7932	0	0.0033	0.7965
87	11.1	11.5	3.8822	0	-0.0018	3.8805	0.7929	0	0.0035	0.7964
88	11.1	11.5	3.8809	0	-0.0017	3.8793	0.7908	0	0.002	0.7928
89	11.7	11.5	3.8792	0	-0.0015	3.8778	0.8026	0	0.0021	0.8047
90	11.6	11.5	3.878	0	-0.0013	3.8767	0.8155	0	0.003	0.8186
91	11.2	11.5	3.8769	0	-0.0013	3.8756	0.8336	0	0.0022	0.8358
92	11.8	11.6	3.8755	0	-0.0012	3.8743	0.8507	0	0.0054	0.8561
93	12	11.7	3.8747	0	-0.0012	3.8735	0.8658	0	0.0069	0.8727
94	11.8	11.8	3.873	0	-0.0012	3.8718	0.8718	0	0.0056	0.8774
95	11.9	11.9	3.8718	0	-0.0012	3.8706	0.8847	0	0.0043	0.889
96	11.7	12	3.8713	0	-0.0014	3.8699	0.8962	0	0.0046	0.9008
97	11.4	12.1	3.87	0	-0.0017	3.8684	0.9011	0	0.0059	0.907
98	11.5	12.2	3.8681	0	-0.0019	3.8663	0.9065	0	0.008	0.9145
99	11.8	12.3	3.8667	0	-0.002	3.8647	0.9095	0	0.0102	0.9197
100	12.4	12.3	3.8659	0	-0.0019	3.864	0.9055	0	0.0114	0.9169
101	12.7	12.4	3.8656	0	-0.0017	3.8639	0.9078	0	0.0129	0.9207
102	13	12.5	3.865	0	-0.0016	3.8634	0.9144	0	0.012	0.9264

103	13.2	12.6	3.8647	0	-0.0017	3.863	0.9107	0	0.012	0.9227
104	13.4	12.7	3.865	0	-0.0018	3.8632	0.908	0	0.012	0.92
105	13.1	12.8	3.8649	0	-0.0017	3.8632	0.8927	0	0.0119	0.9047
106	13.2	12.8	3.8642	0	-0.0017	3.8625	0.8893	0	0.0119	0.9012
107	13.1	12.9	3.8634	0	-0.0017	3.8617	0.8852	0	0.0106	0.8958
108	12.6	13	3.8629	0	-0.0018	3.8611	0.8752	0	0.0088	0.884
109	12.7	13	3.8621	0	-0.0017	3.8604	0.869	0	0.0086	0.8776
110	13.2	13.1	3.8609	0	-0.0017	3.8592	0.8648	0	0.0085	0.8733
111	13.4	13.2	3.86	0	-0.0017	3.8583	0.855	0	0.008	0.863
112	14.2	13.2	3.8591	0	-0.0017	3.8574	0.8381	0	0.008	0.8461
113	13.3	13.2	3.8588	0	-0.0016	3.8572	0.8172	0	0.0081	0.8253
114	13	13.2	3.8578	0	-0.0014	3.8564	0.7974	0	0.0089	0.8063
115	12.7	13.3	3.8563	0	-0.0016	3.8547	0.7966	0	0.0079	0.8045
116	12.5	13.3	3.8542	0	-0.0017	3.8525	0.7883	0	0.007	0.7953
117	12.8	13.4	3.8526	0	-0.0018	3.8508	0.7716	0	0.0079	0.7795
118	13.4	13.5	3.8515	0	-0.0017	3.8497	0.7655	0	0.008	0.7735
119	13.7	13.6	3.8502	0	-0.0018	3.8484	0.7826	0	0.0072	0.7898
120	13.8	13.6	3.8496	0	-0.0019	3.8477	0.7916	0	0.0083	0.7999
121	13.7	13.6	3.8497	0	-0.0018	3.8479	0.7963	0	0.0107	0.807
122	13.4	13.6	3.8492	0	-0.0017	3.8475	0.806	0	0.0131	0.8191
123	13.7	13.7	3.8483	0	-0.0016	3.8467	0.8141	0	0.0135	0.8275
124	13.6	13.7	3.8476	0	-0.0016	3.846	0.8087	0	0.0127	0.8213
125	14.3	13.8	3.8468	0	-0.0017	3.8451	0.7894	0	0.01	0.7994
126	14.8	13.9	3.846	0	-0.0018	3.8442	0.7705	0	0.0033	0.7738
127	13.9	13.9	3.8447	0	-0.0018	3.8429	0.7757	0	-0.0034	0.7724
128	14	13.9	3.8432	0	-0.0017	3.8415	0.7795	0	-0.006	0.7735
129	14	13.9	3.8411	0	-0.0018	3.8393	0.7841	0	-0.005	0.7791
130	13.8	13.9	3.839	0	-0.0019	3.8371	0.7993	0	-0.0041	0.7952
131	14.4	13.9	3.8383	0	-0.0019	3.8364	0.8116	0	-0.0024	0.8092
132	14.3	14	3.8385	0	-0.0017	3.8367	0.8212	0	-0.0012	0.82
133	14	14	3.8384	0	-0.0016	3.8369	0.8198	0	-0.0022	0.8176
134	14.1	14	3.8381	0	-0.0014	3.8367	0.8098	0	-0.0035	0.8063
135	13.7	14	3.8375	0	-0.0013	3.8362	0.8067	0	-0.0031	0.8036
136	13.5	14	3.8365	0	-0.0014	3.8351	0.8106	0	-0.0009	0.8098
137	13.7	14	3.8357	0	-0.0013	3.8344	0.8181	0	0.0007	0.8188
138	13.5	14.1	3.834	0	-0.0013	3.8327	0.8255	0	-0.0003	0.8252
139	13.7	14.1	3.8334	0	-0.0014	3.832	0.8286	0	-0.0017	0.8268

140	14.2	14.1	3.8324	0	-0.0012	3.8312	0.8323	0	-0.0008	0.8315
141	14.4	14.1	3.8312	0	-0.0014	3.8298	0.85	0	0.0019	0.8519
142	14.1	14	3.83	0	-0.0013	3.8286	0.8694	0	0.0029	0.8723
143	14.1	14	3.8292	0	-0.0012	3.828	0.8854	0	0.0015	0.8869
144	14.4	14	3.8274	0	-0.0013	3.8262	0.8894	0	-0.0004	0.889
145	14.1	14.1	3.8254	0	-0.0013	3.8241	0.8889	0	-0.0016	0.8873
146	14.4	14.2	3.8238	0	-0.0013	3.8225	0.8913	0	-0.0014	0.8899
147	14.9	14.2	3.8226	0	-0.0015	3.8211	0.8912	0	-0.0018	0.8894
148	13.8	14.3	3.8216	0	-0.0018	3.8198	0.8797	0	-0.0023	0.8774
149	13.7	14.3	3.8208	0	-0.0019	3.8188	0.8577	0	-0.0032	0.8545
150	14.8	14.3	3.8197	0	-0.0021	3.8176	0.8339	0	-0.005	0.8289
151	13.5	14.3	3.8188	0	-0.002	3.8168	0.8267	0	-0.0039	0.8228
152	13.7	14.3	3.8184	0	-0.002	3.8164	0.8258	0	-0.0005	0.8253
153	14.5	14.4	3.8182	0	-0.002	3.8162	0.822	0	0.003	0.825
154	14.3	14.4	3.8189	0	-0.0021	3.8168	0.8248	0	0.003	0.8278
155	15.2	14.5	3.8191	0	-0.0022	3.8169	0.8355	0	0.0022	0.8377
156	14.9	14.5	3.8189	0	-0.0021	3.8168	0.8511	0	0.0035	0.8546
157	14.4	14.4	3.8191	0	-0.002	3.8171	0.8627	0	0.0025	0.8652
158	14	14.4	3.8195	0	-0.0019	3.8176	0.8688	0	0.0022	0.871
159	14	14.4	3.8195	0	-0.0019	3.8176	0.8724	0	0.0036	0.876
160	14.7	14.4	3.8192	0	-0.0019	3.8173	0.8791	0	0.005	0.8841
161	14.9	14.4	3.8187	0	-0.0019	3.8168	0.8893	0	0.0054	0.8947
162	14.7	14.4	3.8179	0	-0.0019	3.816	0.9052	0	0.0064	0.9115
163	15.8	14.3	3.8168	0	-0.0021	3.8147	0.9192	0	0.0065	0.9258
164	14.6	14.2	3.815	0	-0.002	3.813	0.9354	0	0.0058	0.9412
165	14.4	14.1	3.8144	0	-0.002	3.8124	0.9459	0	0.007	0.9528
166	14.1	14.1	3.814	0	-0.0021	3.8119	0.9526	0	0.0063	0.9588
167	13.5	14	3.8133	0	-0.0021	3.8112	0.9488	0	0.0043	0.9531
168	14	14	3.8113	0	-0.0021	3.8092	0.9537	0	0.0024	0.9561
169	13.8	13.9	3.8093	0	-0.0022	3.8071	0.9531	0	0.0018	0.9549
170	13.6	13.9	3.8083	0	-0.0025	3.8058	0.9763	0	0.0002	0.9764
171	13.3	13.9	3.8078	0	-0.0027	3.8051	1.0086	0	-0.001	1.0076
172	12.9	13.8	3.8076	0	-0.0027	3.8048	1.034	0	-0.0014	1.0325
173	13	13.8	3.8079	0	-0.0028	3.8051	1.0494	0	-0.0002	1.0492
174	13.7	13.8	3.8085	0	-0.0026	3.8059	1.0635	0	0.0015	1.065
175	13.8	13.7	3.8089	0	-0.0022	3.8067	1.0809	0	0.0019	1.0827
176	13.4	13.7	3.8091	0	-0.002	3.8072	1.0902	0	0.0013	1.0915

177	13.5	13.7	3.8094	0	-0.0018	3.8076	1.0875	0	0.001	1.0885
178	13.2	13.7	3.8097	0	-0.0019	3.8078	1.0869	0	0.0008	1.0877
179	14	13.7	3.8098	0	-0.0019	3.8079	1.0807	0	0.001	1.0817
180	14.1	13.8	3.8096	0	-0.0019	3.8077	1.0782	0	0.0022	1.0804
181	14	13.9	3.8085	0	-0.0018	3.8067	1.074	0	0.0013	1.0753
182	14.7	13.9	3.8076	0	-0.0017	3.8059	1.057	0	0.001	1.058
183	14.3	14	3.8068	0	-0.0015	3.8053	1.0589	0	0.0033	1.0622
184	13.9	14	3.8058	0	-0.0016	3.8042	1.0867	0	0.0041	1.0908
185	14.1	14.1	3.804	0	-0.0018	3.8022	1.1182	0	0.0047	1.1229
186	13.6	14.2	3.8014	0	-0.0019	3.7996	1.1392	0	0.0057	1.1449
187	14	14.3	3.7997	0	-0.0017	3.7979	1.1545	0	0.0048	1.1592
188	14	14.5	3.7981	0	-0.0015	3.7966	1.179	0	0.005	1.184
189	15.1	14.5	3.796	0	-0.0014	3.7946	1.1918	0	0.0058	1.1975
190	14.7	14.6	3.793	0	-0.0015	3.7915	1.2066	0	0.0076	1.2142
191	14	14.6	3.7899	0	-0.0016	3.7883	1.2169	0	0.0121	1.2291
192	13.8	14.7	3.7869	0	-0.0014	3.7856	1.2243	0	0.0134	1.2378
193	14.7	14.7	3.7858	0	-0.0012	3.7846	1.2298	0	0.0147	1.2445
194	15	14.8	3.7841	0	-0.001	3.7831	1.2319	0	0.0165	1.2485
195	15.4	14.9	3.7827	0	-0.0011	3.7816	1.2324	0	0.014	1.2464
196	15.8	15	3.7822	0	-0.0012	3.781	1.2199	0	0.013	1.2329
197	15.6	15.1	3.7821	0	-0.0014	3.7807	1.2263	0	0.0132	1.2396
198	15	15.2	3.7824	0	-0.0016	3.7808	1.2449	0	0.0114	1.2563
199	15.1	15.2	3.7833	0	-0.0015	3.7818	1.2527	0	0.007	1.2597
200	15.3	15.2	3.7832	0	-0.0015	3.7817	1.2524	0	0.0036	1.256
201	15.6	15.3	3.783	0	-0.0016	3.7813	1.2559	0	0.0024	1.2584
202	15.3	15.4	3.7828	0	-0.0019	3.7809	1.267	0	0.0042	1.2712
203	15.7	15.5	3.7822	0	-0.002	3.7802	1.2813	0	0.005	1.2863
204	15.6	15.6	3.7814	0	-0.002	3.7794	1.2918	0	0.0049	1.2967
205	15.1	15.6	3.7798	0	-0.0021	3.7777	1.3138	0	0.0032	1.317
206	15.6	15.6	3.7779	0	-0.002	3.776	1.3345	0	0.0041	1.3387
207	15.6	15.6	3.7765	0	-0.002	3.7746	1.372	0	0.0047	1.3766
208	15.2	15.6	3.7756	0	-0.0021	3.7735	1.4004	0	0.007	1.4073
209	15.2	15.7	3.7742	0	-0.0022	3.772	1.4088	0	0.0087	1.4175
210	16.1	15.7	3.772	0	-0.0022	3.7697	1.4214	0	0.0103	1.4317
211	16.5	15.7	3.7695	0	-0.0023	3.7672	1.434	0	0.0093	1.4433
212	16.1	15.8	3.7672	0	-0.0023	3.7648	1.445	0	0.0066	1.4515
213	16.4	15.8	3.7653	0	-0.0022	3.7631	1.4567	0	0.0058	1.4625

214	16	15.9	3.7632	0	-0.0021	3.7611	1.4689	0	0.0061	1.475
215	14.7	16	3.761	0	-0.0022	3.7588	1.4788	0	0.0072	1.486
216	16.1	16.1	3.7593	0	-0.0021	3.7572	1.504	0	0.0077	1.5117
217	15.9	16.1	3.7572	0	-0.002	3.7552	1.5047	0	0.0049	1.5096
218	16.3	16.3	3.7562	0	-0.0019	3.7543	1.5114	0	0.002	1.5134
219	15.5	16.4	3.7526	0	-0.0018	3.7508	1.5152	0	0.0029	1.5181
220	15.4	16.4	3.7488	0	-0.0018	3.747	1.5216	0	0.0008	1.5224
221	16.5	16.4	3.7463	0	-0.0017	3.7446	1.5312	0	-0.0017	1.5294
222	17.2	16.5	3.7443	0	-0.0017	3.7426	1.5531	0	-0.0022	1.5509
223	17.2	16.6	3.742	0	-0.0017	3.7402	1.587	0	-0.0042	1.5829
224	16.9	16.8	3.7395	0	-0.0018	3.7377	1.6318	0	-0.0072	1.6246
225	16.4	17	3.7377	0	-0.0018	3.7359	1.6789	0	-0.0078	1.6711
226	16.7	17.2	3.7373	0	-0.0019	3.7354	1.7245	0	-0.0054	1.719
227	18.2	17.3	3.7361	0	-0.0019	3.7342	1.7659	0	-0.0023	1.7636
228	16.7	17.5	3.7351	0	-0.0018	3.7333	1.797	0	0.001	1.798
229	16.2	17.7	3.7333	0	-0.002	3.7313	1.8194	0	0	1.8194
230	17.5	17.9	3.7316	0	-0.002	3.7296	1.8444	0	-0.0009	1.8434
231	18.5	18.1	3.7326	0	-0.002	3.7306	1.8684	0	-0.001	1.8674
232	18.3	18.1	3.7326	0	-0.0021	3.7305	1.8865	0	0.0004	1.8869
233	18.8	18.3	3.7297	0	-0.002	3.7278	1.9019	0	0.0016	1.9035
234	19	18.5	3.7263	0	-0.0019	3.7244	1.9214	0	0.002	1.9234
235	19.1	18.7	3.7236	0	-0.0019	3.7217	1.9446	0	0.0016	1.9462
236	19	18.9	3.721	0	-0.0019	3.7192	1.9644	0	0.0011	1.9655
237	19.2	19	3.7178	0	-0.0018	3.716	1.9758	0	0.0016	1.9774
238	19.7	19.2	3.7148	0	-0.0019	3.7129	1.9888	0	0.0033	1.9921
239	19.5	19.5	3.7128	0	-0.0022	3.7106	2.0075	0	0.0054	2.0129
240	19.5	19.7	3.7107	0	-0.0024	3.7083	2.0052	0	0.008	2.0132
241	18.4	19.9	3.7087	0	-0.0027	3.706	2.0099	0	0.0071	2.0169
242	20.2	20.2	3.707	0	-0.0028	3.7042	1.9973	0	0.007	2.0044
243	20.4	20.3	3.706	0	-0.0029	3.7031	1.991	0	0.0094	2.0004
244	20.2	20.5	3.7042	0	-0.0027	3.7015	2.0036	0	0.013	2.0165
245	20	20.7	3.7034	0	-0.0026	3.7008	2.011	0	0.016	2.027
246	20.6	20.9	3.7012	0	-0.0027	3.6985	2.0218	0	0.0158	2.0376
247	20.9	21.2	3.6982	0	-0.0026	3.6955	2.047	0	0.0151	2.062
248	21	21.4	3.6963	0	-0.0025	3.6939	2.0757	0	0.0129	2.0886
249	22	21.6	3.6955	0	-0.0023	3.6932	2.1028	0	0.0096	2.1124
250	23	21.8	3.6941	0	-0.0023	3.6918	2.1343	0	0.0081	2.1424

251	22.6	22.1	3.6921	0	-0.0024	3.6897	2.1594	0	0.0052	2.1646
252	22.1	22.3	3.6903	0	-0.0025	3.6878	2.181	0	0.0015	2.1825
253	22.1	22.5	3.689	0	-0.0025	3.6866	2.2154	0	-0.002	2.2134
254	22.3	22.8	3.6875	0	-0.0024	3.6851	2.2262	0	-0.002	2.2242
255	24.2	23	3.6856	0	-0.0026	3.683	2.246	0	-0.0037	2.2422
256	23.7	23.3	3.6817	0	-0.0026	3.6791	2.2563	0	-0.0032	2.2531
257	24	23.6	3.6791	0	-0.0027	3.6764	2.2636	0	0.0013	2.2649
258	23.5	23.8	3.6786	0	-0.0028	3.6758	2.2789	0	0.0023	2.2812
259	23.8	24	3.6773	0	-0.0029	3.6744	2.3145	0	-0.0003	2.3143
260	23.4	24.2	3.6758	0	-0.0028	3.6729	2.3431	0	-0.002	2.3411
261	23.5	24.3	3.6742	0	-0.0026	3.6716	2.3586	0	-0.0024	2.3562
262	24.7	24.6	3.6722	0	-0.0025	3.6697	2.3783	0	-0.003	2.3753
263	25.2	24.9	3.6699	0	-0.0027	3.6672	2.3936	0	-0.0022	2.3914
264	24.7	25.2	3.6671	0	-0.0027	3.6644	2.398	0	0.0005	2.3985
265	25.2	25.4	3.664	0	-0.0028	3.6613	2.3983	0	0.0028	2.4011
266	26.4	25.7	3.6635	0	-0.0026	3.6609	2.3973	0	0.0011	2.3984
267	26.1	25.9	3.6621	0	-0.0023	3.6598	2.4065	0	0.0029	2.4094
268	25	26.1	3.6598	0	-0.0024	3.6574	2.4118	0	0.0039	2.4158
269	26.1	26.3	3.6572	0	-0.0023	3.6548	2.4359	0	0.0048	2.4407
270	26.4	26.6	3.6552	0	-0.0023	3.6529	2.4424	0	0.0051	2.4475
271	27.7	26.8	3.6525	0	-0.0024	3.6501	2.4356	0	0.0044	2.4401
272	27.3	27	3.6489	0	-0.0023	3.6466	2.4356	0	0.0052	2.4408
273	27.2	27.2	3.6447	0	-0.002	3.6427	2.4455	0	0.0062	2.4517
274	28.3	27.4	3.6406	0	-0.0018	3.6388	2.4477	0	0.0068	2.4546
275	28.7	27.7	3.6365	0	-0.0017	3.6348	2.4363	0	0.0068	2.4431
276	27.8	28	3.6325	0	-0.0018	3.6308	2.4534	0	0.0058	2.4592
277	27.5	28.3	3.6297	0	-0.0019	3.6278	2.4764	0	0.006	2.4824
278	28	28.7	3.6277	0	-0.0019	3.6258	2.5104	0	0.0062	2.5166
279	29.1	28.9	3.6253	0	-0.0018	3.6235	2.5264	0	0.0041	2.5305
280	28.4	29.2	3.6228	0	-0.0018	3.621	2.54	0	0.0012	2.5412
281	27.6	29.3	3.6199	0	-0.0019	3.618	2.5772	0	0.001	2.5782
282	28.7	29.6	3.6174	0	-0.0018	3.6156	2.6366	0	0.001	2.6376
283	29.7	29.8	3.6147	0	-0.0017	3.6129	2.674	0	-0.0003	2.6737
284	30.6	30	3.6114	0	-0.0017	3.6096	2.6808	0	-0.0006	2.6801
285	31.2	30.2	3.6075	0	-0.0019	3.6057	2.6792	0	-0.001	2.6782
286	31.5	30.4	3.6039	0	-0.002	3.6018	2.6855	0	0	2.6854
287	32.4	30.8	3.6008	0	-0.0021	3.5987	2.6924	0	0.0022	2.6946

288	30.6	31.1	3.5973	0	-0.002	3.5953	2.6752	0	0.0022	2.6774
289	32.3	31.3	3.5955	0	-0.0022	3.5933	2.6708	0	0.0023	2.6731
290	30.4	31.5	3.592	0	-0.0022	3.5898	2.6599	0	0.0004	2.6603
291	31.7	31.8	3.5902	0	-0.0023	3.5879	2.6544	0	-0.0005	2.6539
292	31.7	32.1	3.5878	0	-0.0023	3.5855	2.6587	0	-0.003	2.6557
293	32.8	32.2	3.5854	0	-0.0025	3.583	2.6676	0	-0.0047	2.6628
294	31.9	32.4	3.583	0	-0.0026	3.5804	2.6948	0	-0.0059	2.689
295	32.3	32.6	3.5805	0	-0.0026	3.5779	2.7081	0	-0.0017	2.7065
296	33.5	32.8	3.5775	0	-0.0027	3.5748	2.7235	0	0.0006	2.7241
297	33.7	32.8	3.5745	0	-0.0027	3.5718	2.7336	0	-0.0006	2.733
298	33.2	32.9	3.5721	0	-0.0025	3.5696	2.7376	0	-0.0018	2.7358
299	33.2	32.9	3.5699	0	-0.0023	3.5676	2.7444	0	-0.0006	2.7438
300	33.4	33.1	3.5673	0	-0.002	3.5653	2.7564	0	0.001	2.7574
301	33.1	33.3	3.5649	0	-0.0018	3.5631	2.7548	0	0.0008	2.7556
302	33.1	33.5	3.5612	0	-0.0017	3.5595	2.7669	0	0.0008	2.7677
303	34.1	33.7	3.5596	0	-0.0018	3.5578	2.7747	0	0.001	2.7757
304	34.6	34	3.5568	0	-0.0016	3.5552	2.8045	0	0.0002	2.8047
305	34.1	34.1	3.5542	0	-0.0018	3.5524	2.8282	0	0.0001	2.8283
306	33.4	34.4	3.5516	0	-0.0021	3.5495	2.8369	0	-0.0011	2.8358
307	32	34.5	3.5486	0	-0.0022	3.5464	2.8406	0	-0.0038	2.8368
308	33.2	34.6	3.5442	0	-0.0021	3.5421	2.852	0	-0.0058	2.8462
309	34.1	34.8	3.5399	0	-0.002	3.5379	2.8827	0	-0.0057	2.877
310	34.5	34.9	3.5361	0	-0.002	3.5341	2.9042	0	-0.0067	2.8975
311	36.1	35.1	3.5317	0	-0.002	3.5296	2.919	0	-0.006	2.913
312	35.9	35.2	3.5278	0	-0.0021	3.5257	2.9375	0	-0.0033	2.9341
313	37.7	35.3	3.5255	0	-0.0022	3.5232	2.95	0	-0.0056	2.9444
314	35.3	35.3	3.5234	0	-0.0024	3.521	2.9467	0	-0.009	2.9377
315	38.6	35.4	3.5213	0	-0.0023	3.519	2.9444	0	-0.0092	2.9352
316	36	35.5	3.5187	0	-0.0024	3.5163	2.9439	0	-0.0079	2.9361
317	35.2	35.7	3.516	0	-0.0024	3.5136	2.9743	0	-0.0041	2.9702
318	36.7	35.7	3.5126	0	-0.0024	3.5102	2.9833	0	-0.001	2.9822
319	36.1	35.6	3.5084	0	-0.0023	3.506	2.9878	0	-0.0026	2.9852
320	35.5	35.7	3.5052	0	-0.0022	3.503	3.0033	0	-0.0028	3.0006
321	35.7	35.6	3.5027	0	-0.0022	3.5005	3.0268	0	-0.003	3.0238
322	35.7	35.6	3.4997	0	-0.0023	3.4974	3.0393	0	-0.0057	3.0336
323	35.2	35.4	3.4972	0	-0.0024	3.4948	3.0494	0	-0.0059	3.0436
324	35.2	35.4	3.4959	0	-0.0025	3.4934	3.0589	0	-0.0017	3.0572

325	36.4	35.2	3.4924	0	-0.0024	3.49	3.0543	0	0.0027	3.057
326	34.8	35.1	3.4896	0	-0.0025	3.4871	3.04	0	0.0029	3.0429
327	32.7	35	3.485	0	-0.0025	3.4825	3.0477	0	0.0015	3.0491
328	33.3	34.8	3.4825	0	-0.0022	3.4803	3.0773	0	-0.0019	3.0754
329	35.8	34.6	3.4793	0	-0.0021	3.4772	3.1105	0	-0.0028	3.1076
330	35	34.6	3.4739	0	-0.0021	3.4718	3.1413	0	-0.0013	3.14
331	35.1	34.5	3.4689	0	-0.0021	3.4668	3.1634	0	0.001	3.1645
332	34.8	34.4	3.4652	0	-0.002	3.4631	3.1761	0	0.0007	3.1768
333	34.6	34.4	3.4617	0	-0.0019	3.4598	3.1926	0	0.0006	3.1932
334	34.9	34.3	3.4584	0	-0.0018	3.4566	3.2076	0	0.0024	3.2101
335	34.4	34.1	3.4551	0	-0.0019	3.4532	3.2143	0	0.0035	3.2179
336	33.3	34.1	3.4518	0	-0.0021	3.4497	3.2103	0	0.0028	3.213
337	33.1	34.1	3.4503	0	-0.002	3.4483	3.203	0	0.0031	3.2061
338	32.7	34.2	3.4477	0	-0.0021	3.4456	3.2028	0	0.0045	3.2073
339	35.2	34.2	3.4468	0	-0.0022	3.4446	3.1976	0	0.0067	3.2042
340	33.8	34.2	3.4453	0	-0.0024	3.4429	3.2132	0	0.004	3.2172
341	34	34.1	3.4429	0	-0.0024	3.4405	3.2172	0	0.0031	3.2204
342	33.8	34.1	3.4402	0	-0.0023	3.4379	3.2295	0	0.0029	3.2324
343	33.7	34.2	3.4365	0	-0.0023	3.4342	3.2372	0	0.0023	3.2394
344	33.5	34.3	3.4334	0	-0.0025	3.4309	3.2329	0	-0.0002	3.2328
345	33.4	34.4	3.431	0	-0.0027	3.4284	3.2334	0	-0.0035	3.2299
346	34.1	34.5	3.4279	0	-0.0026	3.4252	3.2388	0	-0.0064	3.2324
347	35	34.7	3.4244	0	-0.0025	3.4219	3.2433	0	-0.0095	3.2339
348	35.4	34.9	3.4219	0	-0.0024	3.4195	3.253	0	-0.0117	3.2412
349	34.6	34.9	3.4199	0	-0.0024	3.4175	3.2666	0	-0.0135	3.2531
350	33	35.1	3.4186	0	-0.0024	3.4162	3.2741	0	-0.0121	3.2619
351	36.2	35.2	3.4154	0	-0.0025	3.4129	3.29	0	-0.0094	3.2807
352	36.1	35.3	3.4128	0	-0.0026	3.4102	3.2974	0	-0.0069	3.2905
353	37.2	35.4	3.4086	0	-0.0025	3.4061	3.297	0	-0.0042	3.2928
354	34.7	35.5	3.4047	0	-0.0024	3.4022	3.3007	0	-0.0058	3.2949
355	35.5	35.6	3.4019	0	-0.0025	3.3995	3.3115	0	-0.005	3.3065
356	37.8	35.8	3.3976	0	-0.0022	3.3954	3.3312	0	-0.0066	3.3246
357	36.6	35.9	3.3939	0	-0.0021	3.3918	3.3282	0	-0.0092	3.319
358	35.4	36.1	3.3903	0	-0.0022	3.3881	3.3162	0	-0.0095	3.3068
359	36.6	36.2	3.3869	0	-0.0023	3.3847	3.3051	0	-0.0079	3.2972
360	37.2	36.4	3.3839	0	-0.0022	3.3816	3.3058	0	-0.0074	3.2985
361	35.3	36.5	3.3804	0	-0.0022	3.3782	3.3074	0	-0.008	3.2994

362	35.2	36.7	3.3772	0	-0.002	3.3753	3.2964	0	-0.0076	3.2889
363	34.8	36.8	3.3752	0	-0.0018	3.3734	3.288	0	-0.0052	3.2827
364	35	37	3.3727	0	-0.0018	3.3709	3.3103	0	-0.0063	3.3039
365	39.3	37.2	3.3696	0	-0.002	3.3677	3.3521	0	-0.0098	3.3423
366	37	37.4	3.3661	0	-0.0022	3.3639	3.3502	0	-0.0099	3.3403
367	37.9	37.6	3.3638	0	-0.0022	3.3616	3.3554	0	-0.0109	3.3445
368	37.7	37.9	3.361	0	-0.0021	3.3589	3.3573	0	-0.0117	3.3456
369	37	38.2	3.3568	0	-0.002	3.3548	3.3613	0	-0.012	3.3493
370	38.1	38.3	3.3525	0	-0.002	3.3505	3.3643	0	-0.0108	3.3534
371	39.2	38.5	3.3486	0	-0.0019	3.3467	3.3776	0	-0.0112	3.3663
372	38.6	38.8	3.3439	0	-0.0017	3.3422	3.3915	0	-0.0134	3.3782
373	38.5	39.1	3.3388	0	-0.0019	3.337	3.3947	0	-0.0145	3.3802
374	40	39.4	3.3351	0	-0.0021	3.3331	3.4077	0	-0.0153	3.3924
375	40.6	39.5	3.3325	0	-0.002	3.3305	3.4249	0	-0.0155	3.4094
376	41.5	39.8	3.3278	0	-0.0019	3.3259	3.4292	0	-0.0121	3.4171
377	41.3	39.9	3.322	0	-0.0017	3.3203	3.4135	0	-0.0121	3.4015
378	40.9	39.9	3.3167	0	-0.0016	3.3151	3.4182	0	-0.0129	3.4053
379	40.2	40	3.3112	0	-0.0017	3.3095	3.4372	0	-0.0103	3.4269
380	39.7	40.2	3.3065	0	-0.0019	3.3046	3.4647	0	-0.0078	3.4569
381	39.7	40.3	3.3022	0	-0.0019	3.3003	3.4537	0	-0.0064	3.4473
382	40.5	40.6	3.2981	0	-0.0019	3.2962	3.4328	0	-0.0049	3.4278
383	41.3	40.8	3.2939	0	-0.002	3.2919	3.4178	0	-0.003	3.4148
384	41.8	41	3.2899	0	-0.0021	3.2878	3.4051	0	-0.0014	3.4037
385	41.8	41.1	3.2865	0	-0.0022	3.2844	3.4036	0	-0.0016	3.402
386	40.1	41.1	3.2836	0	-0.0023	3.2812	3.4075	0	-0.0042	3.4032
387	37.9	41.1	3.2805	0	-0.0025	3.278	3.4014	0	-0.0068	3.3947
388	38.8	41.2	3.2776	0	-0.0027	3.2749	3.4102	0	-0.006	3.4042
389	41.8	41.3	3.2742	0	-0.0026	3.2716	3.4251	0	-0.0051	3.42
390	41.2	41.5	3.2703	0	-0.0025	3.2677	3.4425	0	-0.007	3.4355
391	44.3	41.6	3.2672	0	-0.0026	3.2647	3.4725	0	-0.0072	3.4652
392	42	41.6	3.2641	0	-0.0025	3.2616	3.4948	0	-0.007	3.4878
393	43	41.5	3.2621	0	-0.0024	3.2597	3.5231	0	-0.0075	3.5156
394	42.5	41.5	3.2597	0	-0.0023	3.2574	3.5359	0	-0.0097	3.5261
395	41.7	41.5	3.2566	0	-0.002	3.2546	3.5378	0	-0.0134	3.5243
396	42.4	41.6	3.2532	0	-0.0018	3.2514	3.5399	0	-0.0147	3.5251
397	42.5	41.7	3.2492	0	-0.0015	3.2477	3.5424	0	-0.0121	3.5304
398	42.1	41.9	3.2454	0	-0.0012	3.2443	3.5535	0	-0.0077	3.5458

399	43.2	42.1	3.2425	0	-0.0011	3.2414	3.5752	0	-0.0038	3.5713
400	41.4	42.2	3.2383	0	-0.0011	3.2372	3.5914	0	-0.003	3.5884
401	40.4	42.1	3.2351	0	-0.0011	3.234	3.5854	0	-0.0032	3.5823
402	40.1	42.2	3.2315	0	-0.0013	3.2303	3.5905	0	-0.0041	3.5864
403	40.2	42.2	3.2295	0	-0.0012	3.2283	3.5916	0	-0.0058	3.5858
404	42.5	42.1	3.2257	0	-0.0011	3.2245	3.5799	0	-0.0051	3.5748
405	41.9	42.2	3.2211	0	-0.0011	3.22	3.5712	0	-0.0042	3.567
406	40.5	42.3	3.2187	0	-0.0012	3.2176	3.5706	0	-0.0066	3.564
407	42.9	42.2	3.217	0	-0.0013	3.2158	3.5528	0	-0.0042	3.5485
408	44.8	42	3.2137	0	-0.0013	3.2124	3.5401	0	-0.0011	3.539
409	43.4	41.8	3.2093	0	-0.0013	3.208	3.5348	0	-0.0003	3.5345
410	43	41.8	3.2053	0	-0.0012	3.2041	3.5368	0	-0.0003	3.5364
411	43.3	41.9	3.202	0	-0.0013	3.2007	3.5357	0	-0.0028	3.5329
412	43.4	42	3.199	0	-0.0016	3.1974	3.5367	0	-0.0053	3.5314
413	40.4	42	3.1944	0	-0.0016	3.1928	3.532	0	-0.0036	3.5284
414	42.4	41.9	3.1882	0	-0.0014	3.1868	3.5372	0	-0.0011	3.536
415	44.4	41.9	3.1863	0	-0.0013	3.185	3.5449	0	-0.0042	3.5407
416	41	42.1	3.1832	0	-0.0013	3.1819	3.54	0	-0.0062	3.5338
417	39	42	3.1803	0	-0.0012	3.1791	3.5298	0	-0.0065	3.5233
418	39.7	42	3.1765	0	-0.0012	3.1753	3.542	0	-0.0093	3.5327
419	40.4	41.9	3.1719	0	-0.0013	3.1707	3.5476	0	-0.0137	3.5339
420	42.1	41.8	3.1675	0	-0.0011	3.1663	3.5314	0	-0.015	3.5163
421	42.2	41.8	3.1636	0	-0.0009	3.1627	3.512	0	-0.014	3.498
422	39.7	41.8	3.1602	0	-0.0008	3.1594	3.494	0	-0.0127	3.4814
423	42.3	41.9	3.1564	0	-0.0009	3.1555	3.4756	0	-0.0111	3.4646
424	41.4	41.9	3.1534	0	-0.0009	3.1524	3.458	0	-0.0107	3.4473
425	43.5	41.8	3.1495	0	-0.0012	3.1483	3.4468	0	-0.0118	3.435
426	41.5	41.9	3.1483	0	-0.0013	3.147	3.4372	0	-0.01	3.4272
427	44.3	42.2	3.1432	0	-0.0012	3.142	3.4181	0	-0.0106	3.4074
428	41.6	42.3	3.1388	0	-0.0012	3.1376	3.382	0	-0.0099	3.3721
429	41.3	42.4	3.1328	0	-0.0013	3.1315	3.3633	0	-0.0091	3.3541
430	43.8	42.3	3.1285	0	-0.0015	3.1271	3.339	0	-0.0104	3.3287
431	43.7	42.2	3.1257	0	-0.0016	3.1241	3.3168	0	-0.0125	3.3043
432	41.6	42.3	3.1234	0	-0.0017	3.1216	3.3049	0	-0.0116	3.2934
433	41.9	42.5	3.1212	0	-0.0018	3.1194	3.2965	0	-0.0103	3.2861
434	43.5	42.6	3.118	0	-0.0016	3.1164	3.2817	0	-0.0116	3.2701
435	43.5	42.6	3.1143	0	-0.0015	3.1128	3.2667	0	-0.0126	3.2541

436	43.3	42.6	3.1116	0	-0.0014	3.1102	3.2545	0	-0.0154	3.2391
437	41.2	42.4	3.1093	0	-0.0014	3.1079	3.2533	0	-0.0164	3.2369
438	43.2	42.3	3.1052	0	-0.0016	3.1036	3.2431	0	-0.0192	3.224
439	41	42.2	3.1025	0	-0.0015	3.101	3.2344	0	-0.0218	3.2126
440	40.2	41.9	3.098	0	-0.0017	3.0964	3.2193	0	-0.0203	3.199
441	41.8	41.6	3.0934	0	-0.0017	3.0917	3.2007	0	-0.0198	3.1808
442	45.1	41.6	3.0879	0	-0.0016	3.0863	3.1949	0	-0.0189	3.1759
443	44.1	41.5	3.0829	0	-0.0013	3.0816	3.1858	0	-0.0173	3.1685
444	43.1	41.4	3.0796	0	-0.0012	3.0785	3.187	0	-0.0168	3.1702
445	42.1	41.2	3.077	0	-0.0012	3.0758	3.1841	0	-0.0158	3.1683
446	39.8	41.1	3.0736	0	-0.0014	3.0722	3.1744	0	-0.013	3.1614
447	39.7	41.1	3.0691	0	-0.0017	3.0674	3.1645	0	-0.0108	3.1536
448	38.8	41.1	3.0644	0	-0.002	3.0623	3.1552	0	-0.0095	3.1456
449	38.2	41.2	3.0607	0	-0.0021	3.0586	3.143	0	-0.0066	3.1364
450	38.7	41.3	3.0601	0	-0.0021	3.058	3.1477	0	-0.004	3.1437
451	40.6	41.2	3.0563	0	-0.0021	3.0542	3.1316	0	-0.0022	3.1294
452	41.3	40.9	3.0536	0	-0.002	3.0516	3.1322	0	-0.0028	3.1294
453	40.8	40.7	3.0506	0	-0.002	3.0486	3.1323	0	-0.0041	3.1282
454	40.8	40.4	3.0475	0	-0.002	3.0455	3.1512	0	-0.0025	3.1487
455	40.5	40.4	3.0449	0	-0.0018	3.0431	3.1482	0	-0.0001	3.1481
456	40.9	40.3	3.0424	0	-0.0018	3.0406	3.131	0	0.001	3.132
457	42.7	40.2	3.0398	0	-0.002	3.0379	3.1353	0	0.0008	3.1361
458	43.7	40.2	3.0368	0	-0.0022	3.0346	3.1452	0	0.0008	3.146
459	42	40.2	3.0332	0	-0.0022	3.031	3.1325	0	0.001	3.1335
460	40	40.1	3.0303	0	-0.002	3.0283	3.1126	0	0.0012	3.1138
461	39	40	3.0268	0	-0.0017	3.0251	3.0987	0	0.0009	3.0996
462	40	39.8	3.024	0	-0.0016	3.0224	3.0867	0	-0.0007	3.086
463	39.1	39.6	3.0215	0	-0.0017	3.0198	3.0785	0	-0.0058	3.0727
464	40.5	39.3	3.0182	0	-0.0014	3.0168	3.0564	0	-0.0043	3.0521
465	38.5	39.2	3.0156	0	-0.0014	3.0143	3.0155	0	-0.0029	3.0126
466	37.8	39	3.0131	0	-0.0015	3.0116	3.0262	0	-0.0022	3.0241
467	38.5	38.8	3.0096	0	-0.0013	3.0083	3.0262	0	-0.0003	3.0259
468	38.4	38.3	3.0063	0	-0.0008	3.0055	3.0215	0	-0.0002	3.0213
469	38	38	3.0037	0	-0.0005	3.0032	3.0054	0	-0.0028	3.0026
470	38	37.9	3.0013	0	-0.0006	3.0007	2.9894	0	-0.0042	2.9852
471	37.5	37.7	2.9992	0	-0.0006	2.9986	2.9741	0	-0.0022	2.9719
472	36.9	37.4	2.9964	0	-0.0006	2.9957	2.9595	0	0.0002	2.9597

473	35.8	37.1	2.993	0	-0.0008	2.9922	2.9637	0	-0.0001	2.9636
474	37.8	36.8	2.9904	0	-0.0009	2.9896	2.9727	0	0.001	2.9737
475	37	36.5	2.9888	0	-0.001	2.9878	2.9778	0	0.0034	2.9812
476	38.1	36.2	2.986	0	-0.0008	2.9851	2.9765	0	0.0042	2.9807
477	35.6	36	2.9838	0	-0.0007	2.9831	2.9878	0	0.0048	2.9925
478	36	35.7	2.9804	0	-0.0007	2.9797	2.9698	0	0.0052	2.9751
479	37.4	35.6	2.9773	0	-0.0006	2.9767	2.9504	0	0.0039	2.9543
480	36.1	35.4	2.9748	0	-0.0007	2.9741	2.911	0	0.003	2.914
481	34.1	35.1	2.9718	0	-0.0008	2.971	2.8925	0	0.0034	2.8959
482	33.8	35	2.9685	0	-0.0009	2.9676	2.89	0	0.0014	2.8914
483	33.6	34.9	2.9658	0	-0.0008	2.9649	2.8984	0	-0.0013	2.8971
484	33.4	34.7	2.9633	0	-0.0008	2.9624	2.8979	0	-0.0007	2.8971
485	32.4	34.5	2.9611	0	-0.0006	2.9604	2.8912	0	-0.0003	2.8908
486	33.3	34.3	2.9582	0	-0.0007	2.9575	2.8809	0	0.0022	2.8831
487	34.2	34.2	2.9562	0	-0.0006	2.9556	2.8793	0	0.0039	2.8832
488	35	34.1	2.9541	0	-0.0005	2.9536	2.889	0	0.0031	2.892
489	33.7	34	2.9522	0	-0.0006	2.9517	2.8787	0	0.001	2.8797
490	33.1	33.8	2.9502	0	-0.0005	2.9497	2.879	0	0.0019	2.8809
491	34.2	33.7	2.9477	0	-0.0007	2.9471	2.8658	0	0.0004	2.8661
492	34.1	33.6	2.9455	0	-0.0008	2.9447	2.8517	0	-0.0014	2.8503
493	33.6	33.5	2.9434	0	-0.0008	2.9427	2.8296	0	-0.0025	2.8271
494	34	33.5	2.9413	0	-0.0007	2.9406	2.8119	0	-0.0016	2.8103
495	34	33.5	2.9392	0	-0.0007	2.9385	2.803	0	-0.0003	2.8028
496	33.9	33.4	2.9367	0	-0.0007	2.936	2.8076	0	0.0002	2.8077
497	34.7	33.3	2.9337	0	-0.0006	2.9331	2.7994	0	-0.0021	2.7973
498	33.9	33.2	2.9311	0	-0.0005	2.9306	2.7904	0	-0.0069	2.7834
499	33	33.1	2.9277	0	-0.0007	2.927	2.7796	0	-0.0074	2.7722
500	33.2	33	2.9251	0	-0.0009	2.9243	2.7758	0	-0.0064	2.7694
501	31.9	33	2.9219	0	-0.0008	2.9211	2.7924	0	-0.006	2.7864
502	31.4	32.9	2.9183	0	-0.0009	2.9174	2.7792	0	-0.0066	2.7726
503	32.5	33	2.9144	0	-0.001	2.9134	2.7833	0	-0.0067	2.7765
504	32.8	32.9	2.9108	0	-0.0011	2.9097	2.7823	0	-0.007	2.7753
505	32.1	32.9	2.908	0	-0.0012	2.9068	2.7749	0	-0.0074	2.7675
506	32.2	32.9	2.9052	0	-0.0012	2.904	2.773	0	-0.0056	2.7674
507	32.8	32.9	2.9025	0	-0.0013	2.9012	2.7784	0	-0.0043	2.7741
508	32.2	32.9	2.9004	0	-0.0014	2.899	2.7845	0	-0.0067	2.7777
509	31.2	32.9	2.898	0	-0.0014	2.8966	2.7732	0	-0.0076	2.7655

510	33	32.9	2.8955	0	-0.0013	2.8942	2.7531	0	-0.0073	2.7458
511	32.5	33	2.8933	0	-0.0012	2.8921	2.7329	0	-0.0009	2.732
512	34.8	33	2.8911	0	-0.001	2.8901	2.7102	0	0.0054	2.7156
513	32.6	33.1	2.8888	0	-0.0012	2.8876	2.6978	0	0.0055	2.7034
514	34.3	33	2.8866	0	-0.0011	2.8855	2.689	0	0.0028	2.6918
515	34	33	2.8836	0	-0.0011	2.8825	2.6703	0	0.004	2.6743
516	34.2	33	2.8805	0	-0.0013	2.8793	2.6571	0	0.0014	2.6585
517	34	33	2.8781	0	-0.0012	2.8769	2.6449	0	-0.0026	2.6423
518	33.5	33	2.8759	0	-0.0009	2.875	2.628	0	-0.001	2.627
519	33.8	33.1	2.873	0	-0.0008	2.8722	2.6148	0	0.0033	2.6181
520	32.2	33.2	2.8701	0	-0.0009	2.8692	2.6052	0	0.0057	2.611
521	32.4	33.3	2.8676	0	-0.0009	2.8667	2.5966	0	0.0062	2.6027
522	33.9	33.3	2.8639	0	-0.0008	2.8631	2.5832	0	0.0089	2.5921
523	30.5	33.4	2.8592	0	-0.001	2.8582	2.5705	0	0.0087	2.5793
524	32.8	33.5	2.8556	0	-0.0013	2.8543	2.5504	0	0.0038	2.5542
525	32.4	33.7	2.8518	0	-0.0016	2.8502	2.5374	0	-0.0001	2.5373
526	32.3	33.8	2.8495	0	-0.0018	2.8477	2.5316	0	0	2.5316
527	32.6	33.9	2.8462	0	-0.0017	2.8445	2.5149	0	0.001	2.5159
528	33.6	34.1	2.8437	0	-0.0016	2.8421	2.5065	0	0.0017	2.5082
529	34.5	34.2	2.8417	0	-0.0016	2.8401	2.4899	0	0.003	2.4929
530	35	34.5	2.8393	0	-0.0018	2.8375	2.479	0	0.0039	2.4829
531	35	34.8	2.8367	0	-0.0017	2.8349	2.4671	0	0.004	2.4711
532	34.5	34.9	2.8336	0	-0.0016	2.8319	2.4416	0	0.0013	2.4429
533	35.7	35.3	2.8314	0	-0.0017	2.8297	2.4154	0	0.0012	2.4166
534	37.2	35.5	2.8289	0	-0.0016	2.8273	2.404	0	-0.0002	2.4038
535	36.5	35.8	2.8262	0	-0.0017	2.8245	2.4027	0	0.0005	2.4031
536	36.4	36.1	2.8237	0	-0.0018	2.8219	2.3917	0	0.0046	2.3963
537	37.3	36.5	2.8204	0	-0.0017	2.8186	2.3645	0	0.004	2.3686
538	35.7	36.7	2.8173	0	-0.0017	2.8156	2.3476	0	0.0036	2.3512
539	37.4	37	2.8146	0	-0.0017	2.8129	2.3411	0	0.0033	2.3443
540	37.6	37.1	2.8115	0	-0.0017	2.8098	2.3418	0	0.0037	2.3455
541	36.9	37.3	2.8082	0	-0.0016	2.8067	2.3397	0	0.0057	2.3454
542	36.8	37.6	2.8049	0	-0.0013	2.8036	2.3324	0	0.0038	2.3362
543	37	37.7	2.8018	0	-0.0012	2.8006	2.3302	0	0.0027	2.3329
544	38.3	37.8	2.7993	0	-0.0011	2.7982	2.3337	0	0.0053	2.339
545	38.1	38	2.7963	0	-0.0012	2.7951	2.3196	0	0.005	2.3246
546	39.2	38.2	2.7937	0	-0.0012	2.7925	2.3078	0	0.005	2.3128

547	39.1	38.2	2.79	0	-0.001	2.789	2.2925	0	0.0071	2.2995
548	38.5	38.3	2.7864	0	-0.0013	2.7851	2.2861	0	0.0082	2.2943
549	37.7	38.4	2.7832	0	-0.0015	2.7817	2.2823	0	0.0103	2.2926
550	39.6	38.4	2.7808	0	-0.0015	2.7793	2.2566	0	0.0071	2.2636
551	39.3	38.4	2.7784	0	-0.0014	2.777	2.2363	0	0.0047	2.241
552	38.4	38.4	2.7753	0	-0.0013	2.774	2.2104	0	0.0076	2.218
553	38.7	38.4	2.7724	0	-0.0013	2.7711	2.1789	0	0.01	2.1889
554	40	38.2	2.7701	0	-0.0013	2.7688	2.1352	0	0.0112	2.1464
555	39.7	38	2.7676	0	-0.0013	2.7663	2.0843	0	0.012	2.0964
556	37.2	37.8	2.7645	0	-0.0014	2.7632	2.0557	0	0.0119	2.0676
557	38.9	37.5	2.7614	0	-0.0013	2.7601	2.0282	0	0.0106	2.0388
558	38.1	37.1	2.7595	0	-0.0014	2.7581	2.0001	0	0.0097	2.0097
559	37.5	36.7	2.7579	0	-0.0015	2.7564	1.9938	0	0.0074	2.0012
560	37.1	36	2.757	0	-0.0019	2.7551	1.9928	0	0.0079	2.0007
561	37.1	35.4	2.7558	0	-0.0022	2.7535	1.9924	0	0.0097	2.0021
562	36.6	34.6	2.7542	0	-0.0022	2.7521	1.9932	0	0.0092	2.0024
563	35.5	33.9	2.7526	0	-0.002	2.7507	1.9884	0	0.0073	1.9957
564	34.8	32.9	2.7512	0	-0.0018	2.7494	1.9737	0	0.0034	1.9771
565	34.1	32	2.7499	0	-0.0015	2.7484	1.9545	0	0.0037	1.9582
566	33.1	31.1	2.7486	0	-0.0013	2.7473	1.953	0	-0.0202	1.9328
567	31.6	30	2.7468	0	-0.0012	2.7456	2.01	0	-0.1041	1.9059
568	29.3	29	2.7448	0	-0.0011	2.7437	1.9889	0	-0.1002	1.8888
569	27.9	27.8	2.7432	0	-0.0011	2.7421	1.9575	0	-0.0982	1.8593
570	26.5	26.7	2.7417	0	-0.0012	2.7404	1.9184	0	-0.0947	1.8237
571	24.5	25.6	2.7408	0	-0.0015	2.7393	1.8859	0	-0.095	1.7909
572	23.9	24.5	2.7393	0	-0.0015	2.7378	1.8613	0	-0.0963	1.765
573	22.4	23.4	2.738	0	-0.0012	2.7368	1.8161	0	-0.0968	1.7194
574	21.3	22.3	2.7367	0	-0.0009	2.7358	1.7642	0	-0.1001	1.6641
575	20.1	21.3	2.7356	0	-0.001	2.7346	1.7299	0	-0.1051	1.6248
576	19.2	20.3	2.7345	0	-0.0009	2.7335	1.695	0	-0.1114	1.5836
577	17.6	19.4	2.7331	0	-0.0009	2.7322	1.6744	0	-0.1144	1.56
578	16.3	18.6	2.7314	0	-0.001	2.7304	1.6455	0	-0.1132	1.5323
579	16.1	17.9	2.7294	0	-0.001	2.7284	1.623	0	-0.1115	1.5115
580	15.8	17.2	2.7281	0	-0.0011	2.727	1.6069	0	-0.1154	1.4916
581	15.1	16.6	2.7276	0	-0.0009	2.7267	1.5798	0	-0.117	1.4628
582	14	16.1	2.7269	0	-0.001	2.726	1.5633	0	-0.1147	1.4487
583	15.6	15.6	2.7254	0	-0.0008	2.7246	1.5456	0	-0.1124	1.4333

584	14.8	15.2	2.723	0	-0.0009	2.7221	1.5412	0	-0.1122	1.429
585	14.1	14.9	2.7219	0	-0.0011	2.7208	1.5249	0	-0.1091	1.4158
586	13.8	14.5	2.7218	0	-0.0011	2.7207	1.499	0	-0.1079	1.3912
587	14.3	14.2	2.7215	0	-0.001	2.7205	1.4712	0	-0.1074	1.3638
588	13.9	14.1	2.72	0	-0.0008	2.7192	1.4338	0	-0.1058	1.328
589	13.2	13.9	2.7181	0	-0.0009	2.7171	1.4021	0	-0.1056	1.2965
590	13.7	13.7	2.7162	0	-0.0011	2.7151	1.3806	0	-0.1072	1.2734
591	14.2	13.6	2.7145	0	-0.0011	2.7134	1.3532	0	-0.1083	1.2449
592	13.7	13.6	2.7125	0	-0.0011	2.7115	1.3171	0	-0.1084	1.2086
593	13.4	13.5	2.7101	0	-0.0013	2.7088	1.2825	0	-0.1023	1.1802
594	13.2	13.4	2.7093	0	-0.0012	2.7081	1.247	0	-0.0989	1.1481
595	12.7	13.2	2.7084	0	-0.0012	2.7072	1.2149	0	-0.0966	1.1183
596	12.1	13.2	2.7075	0	-0.0014	2.7061	1.182	0	-0.0956	1.0864
597	13.1	13.1	2.7051	0	-0.0014	2.7037	1.1525	0	-0.0974	1.0552
598	12.7	13	2.7029	0	-0.0015	2.7014	1.1098	0	-0.0981	1.0117
599	12.9	13	2.702	0	-0.0014	2.7006	1.0677	0	-0.1017	0.966
600	13.2	12.9	2.7015	0	-0.0014	2.7002	1.0271	0	-0.1036	0.9235
601	13.3	12.9	2.7009	0	-0.0016	2.6993	0.994	0	-0.1032	0.8908
602	13.3	12.8	2.7004	0	-0.0019	2.6986	0.9694	0	-0.1002	0.8692
603	12.8	12.7	2.7009	0	-0.0021	2.6988	0.9399	0	-0.0981	0.8419
604	12.2	12.7	2.7024	0	-0.0023	2.7001	0.9165	0	-0.094	0.8226
605	13	12.6	2.7024	0	-0.0024	2.7	0.8841	0	-0.0927	0.7914
606	11.9	12.6	2.7024	0	-0.0023	2.7001	0.8588	0	-0.0926	0.7661
607	13.1	12.5	2.7025	0	-0.0023	2.7002	0.8323	0	-0.0954	0.737
608	12.3	12.5	2.701	0	-0.0021	2.6989	0.8063	0	-0.0951	0.7112
609	12.7	12.4	2.6987	0	-0.0022	2.6966	0.7941	0	-0.0973	0.6968
610	12.6	12.3	2.6962	0	-0.0023	2.694	0.7857	0	-0.0995	0.6861
611	12.5	12.2	2.694	0	-0.0021	2.6919	0.7828	0	-0.1031	0.6797
612	12.2	12.1	2.6923	0	-0.0017	2.6905	0.7754	0	-0.1055	0.6699
613	12.2	12	2.6914	0	-0.0015	2.6899	0.7638	0	-0.1041	0.6597
614	12.2	12.1	2.6912	0	-0.0015	2.6897	0.7491	0	-0.1037	0.6454
615	11.4	12.1	2.6883	0	0.0009	2.6893	0.7381	0	-0.1017	0.6364
616	11.6	12.1	2.6795	0	0.0091	2.6887	0.7304	0	-0.0981	0.6322
617	12.1	12	2.6793	0	0.0088	2.6881	0.7327	0	-0.0956	0.6371
618	11.9	12	2.6802	0	0.0089	2.6891	0.7364	0	-0.1019	0.6346
619	10.7	12	2.6812	0	0.0086	2.6898	0.7273	0	-0.1045	0.6228
620	10.9	12	2.6815	0	0.0086	2.6901	0.7193	0	-0.1044	0.6149

621	11.2	11.9	2.6815	0	0.0087	2.6902	0.7052	0	-0.1039	0.6014
622	11.9	11.9	2.6823	0	0.0089	2.6911	0.6918	0	-0.1053	0.5865
623	12.6	11.9	2.6828	0	0.009	2.6918	0.6679	0	-0.1055	0.5625
624	13	11.9	2.6826	0	0.0092	2.6919	0.6489	0	-0.1028	0.5461
625	12.7	12	2.6823	0	0.0095	2.6918	0.6386	0	-0.099	0.5397
626	11.8	12.1	2.6821	0	0.0097	2.6917	0.6307	0	-0.0974	0.5332
627	12.1	12.1	2.6817	0	0.0096	2.6912	0.6104	0	-0.0952	0.5152
628	12.9	12.1	2.6814	0	0.0096	2.691	0.5942	0	-0.0938	0.5004
629	11.8	12.2	2.681	0	0.0099	2.6909	0.5729	0	-0.0921	0.4808
630	11.2	12.4	2.6813	0	0.0099	2.6912	0.5611	0	-0.0906	0.4705
631	11.6	12.5	2.6803	0	0.0097	2.69	0.5536	0	-0.0881	0.4654
632	12.1	12.5	2.679	0	0.0096	2.6886	0.5486	0	-0.0883	0.4603
633	12.7	12.6	2.6773	0	0.0095	2.6868	0.5439	0	-0.0929	0.451
634	13.3	12.6	2.6764	0	0.0093	2.6857	0.5291	0	-0.093	0.4361
635	12.7	12.6	2.6763	0	0.0091	2.6854	0.5073	0	-0.0935	0.4139
636	12.2	12.7	2.6766	0	0.009	2.6855	0.5004	0	-0.0943	0.4061
637	12.6	12.8	2.677	0	0.0089	2.6859	0.5061	0	-0.094	0.4121
638	13	12.8	2.6771	0	0.0089	2.686	0.5147	0	-0.0929	0.4219
639	13.5	12.9	2.6766	0	0.009	2.6856	0.5101	0	-0.0923	0.4178
640	13.1	13	2.6762	0	0.0091	2.6853	0.507	0	-0.0925	0.4144
641	13.6	13.1	2.6765	0	0.0093	2.6858	0.494	0	-0.095	0.399
642	13	13.2	2.6767	0	0.0089	2.6856	0.477	0	-0.0956	0.3815
643	13.1	13.2	2.6771	0	0.0087	2.6858	0.4541	0	-0.0949	0.3591
644	13.2	13.2	2.6778	0	0.0085	2.6864	0.4236	0	-0.0997	0.3239
645	13.9	13.2	2.6781	0	0.0084	2.6864	0.416	0	-0.1013	0.3147
646	13.4	13.2	2.6784	0	0.0086	2.687	0.4113	0	-0.1015	0.3099
647	13.8	13.2	2.679	0	0.0088	2.6878	0.4024	0	-0.1023	0.3
648	13.7	13.2	2.6796	0	0.0089	2.6885	0.3787	0	-0.1016	0.2771
649	12.9	13.2	2.6804	0	0.0089	2.6893	0.3664	0	-0.1021	0.2643
650	13.2	13.1	2.6814	0	0.0088	2.6902	0.3728	0	-0.0998	0.273
651	13.8	13	2.6815	0	0.0086	2.6901	0.3801	0	-0.0984	0.2818
652	12.8	13	2.6813	0	0.0085	2.6898	0.373	0	-0.0998	0.2732
653	13.3	13	2.6807	0	0.0081	2.6888	0.3603	0	-0.1027	0.2575
654	12.6	12.9	2.6816	0	0.008	2.6897	0.364	0	-0.103	0.261
655	12.5	12.9	2.6817	0	0.008	2.6897	0.3868	0	-0.1052	0.2816
656	12.4	12.9	2.6813	0	0.0082	2.6895	0.3902	0	-0.1052	0.285
657	13.2	12.9	2.6808	0	0.0082	2.689	0.3928	0	-0.104	0.2888

658	12.7	12.8	2.6801	0	0.0083	2.6884	0.394	0	-0.1035	0.2904
659	12.1	12.8	2.6794	0	0.0085	2.6878	0.3794	0	-0.1017	0.2777
660	11.7	12.9	2.6787	0	0.0085	2.6872	0.358	0	-0.103	0.2549
661	12.1	12.9	2.6782	0	0.0083	2.6865	0.331	0	-0.1049	0.2262
662	13.1	12.9	2.6779	0	0.0083	2.6861	0.3051	0	-0.1047	0.2004
663	12.9	12.9	2.6777	0	0.0084	2.6861	0.2934	0	-0.1035	0.19
664	13.2	12.9	2.6773	0	0.0084	2.6857	0.2928	0	-0.1	0.1927
665	13	12.9	2.6769	0	0.0083	2.6852	0.2907	0	-0.1	0.1907
666	13	12.9	2.6753	0	0.0083	2.6836	0.258	0	-0.075	0.1829
667	12.3	12.9	2.6731	0	0.009	2.6822	0.1651	0	0.0081	0.1732
668	14	12.9	2.6721	0	0.0093	2.6814	0.1553	0	0.0051	0.1604
669	13.8	13	2.6712	0	0.0093	2.6806	0.1606	0	0.0065	0.1671
670	13.8	13.1	2.6711	0	0.0092	2.6803	0.1747	0	0.0048	0.1796
671	13.4	13.1	2.6717	0	0.009	2.6807	0.1874	0	0.0056	0.193
672	12.7	13.1	2.6725	0	0.009	2.6816	0.198	0	0.0082	0.2062
673	12.3	13.1	2.6731	0	0.0091	2.6822	0.2123	0	0.0085	0.2208
674	12.6	13.1	2.6729	0	0.009	2.6819	0.2167	0	0.0093	0.2259
675	12.9	13.1	2.6725	0	0.0088	2.6813	0.2281	0	0.0134	0.2415
676	13.6	13.1	2.6734	0	0.0086	2.682	0.2362	0	0.0198	0.2561
677	12.6	13.2	2.6737	0	0.0085	2.6822	0.2311	0	0.0234	0.2545
678	13.2	13.2	2.6741	0	0.0082	2.6823	0.225	0	0.0243	0.2493
679	13.4	13.1	2.6733	0	0.008	2.6813	0.2251	0	0.0288	0.2538
680	13.6	13.1	2.6727	0	0.0078	2.6805	0.2328	0	0.0359	0.2686
681	12.9	13	2.6727	0	0.0079	2.6807	0.2447	0	0.037	0.2817
682	12.5	13	2.6726	0	0.0083	2.6809	0.2303	0	0.0343	0.2646
683	13.2	13	2.6725	0	0.0085	2.681	0.207	0	0.0322	0.2392
684	13.1	13	2.6723	0	0.0085	2.6807	0.1866	0	0.031	0.2176
685	12.9	13	2.6718	0	0.0084	2.6802	0.1776	0	0.0277	0.2053
686	13.7	12.9	2.6712	0	0.0083	2.6795	0.174	0	0.0236	0.1976
687	13.5	13	2.67	0	0.0083	2.6783	0.1608	0	0.0195	0.1803
688	13.5	13	2.669	0	0.0084	2.6774	0.163	0	0.0167	0.1797
689	12.4	13	2.6674	0	0.0083	2.6757	0.159	0	0.0175	0.1764
690	12.3	12.9	2.6668	0	0.0084	2.6752	0.1449	0	0.02	0.1649
691	12.4	12.9	2.6668	0	0.0085	2.6753	0.1316	0	0.022	0.1536
692	12.3	12.9	2.6671	0	0.0084	2.6755	0.1272	0	0.0238	0.151
693	12.7	12.9	2.6677	0	0.0087	2.6764	0.1222	0	0.0212	0.1434
694	12.8	12.9	2.6677	0	0.0089	2.6766	0.1212	0	0.0202	0.1414

695	12.8	12.9	2.6673	0	0.0089	2.6762	0.128	0	0.0192	0.1472
696	13.3	12.9	2.6672	0	0.0089	2.6761	0.1314	0	0.0195	0.1509
697	13.4	12.9	2.6672	0	0.0088	2.676	0.1316	0	0.0238	0.1553
698	12.9	12.8	2.6663	0	0.0087	2.6749	0.1284	0	0.0275	0.1559
699	12.4	12.8	2.6648	0	0.0086	2.6733	0.1341	0	0.031	0.1651
700	12.8	12.8	2.6635	0	0.0085	2.672	0.1405	0	0.031	0.1715
701	13.1	12.9	2.6636	0	0.0084	2.672	0.1494	0	0.0302	0.1796
702	12.9	12.9	2.6644	0	0.0084	2.6728	0.1498	0	0.0278	0.1776
703	12.7	12.9	2.6645	0	0.0082	2.6727	0.1534	0	0.0273	0.1807
704	13.2	12.9	2.6637	0	0.0082	2.6719	0.1577	0	0.0214	0.1791
705	13.2	12.9	2.6634	0	0.0081	2.6715	0.1698	0	0.0179	0.1877
706	13	12.8	2.6631	0	0.0081	2.6712	0.1705	0	0.0165	0.187
707	12.5	12.7	2.6631	0	0.0081	2.6711	0.1644	0	0.0168	0.1812
708	12.1	12.7	2.6631	0	0.008	2.6711	0.1528	0	0.0166	0.1694
709	12.7	12.7	2.6629	0	0.0081	2.6711	0.1429	0	0.0197	0.1626
710	13.3	12.7	2.6631	0	0.0082	2.6714	0.1317	0	0.0226	0.1543
711	12.5	12.6	2.6635	0	0.0083	2.6719	0.1263	0	0.0224	0.1487
712	12.8	12.5	2.663	0	0.0086	2.6716	0.1221	0	0.0193	0.1414
713	13.1	12.5	2.6621	0	0.0085	2.6706	0.1187	0	0.0204	0.1391
714	12.2	12.4	2.6621	0	0.0085	2.6706	0.1212	0	0.0228	0.144
715	12.2	12.3	2.6625	0	0.0084	2.671	0.1134	0	0.0221	0.1355
716	11.8	12.2	2.663	0	0.0083	2.6714	0.1083	0	0.0229	0.1312
717	12.7	12.2	2.6637	0	0.0083	2.672	0.0915	0	0.0246	0.1161
718	12.6	12.3	2.6641	0	0.0082	2.6723	0.0685	0	0.0302	0.0987
719	11.8	12.3	2.6637	0	0.0082	2.6718	0.0586	0	0.0298	0.0884
720	11.7	12.2	2.6627	0	0.008	2.6708	0.0495	0	0.0266	0.0761
721	11.5	12.2	2.6617	0	0.0079	2.6696	0.0443	0	0.0237	0.068
722	11.6	12.2	2.661	0	0.008	2.669	0.0509	0	0.0224	0.0733
723	11.6	12.3	2.6611	0	0.0081	2.6692	0.0673	0	0.0225	0.0898
724	11.6	12.3	2.6598	0	0.0079	2.6677	0.074	0	0.024	0.098
725	11.5	12.4	2.6587	0	0.0075	2.6662	0.0768	0	0.0248	0.1016
726	12.8	12.4	2.6589	0	0.0073	2.6663	0.0712	0	0.0234	0.0946
727	13	12.5	2.6592	0	0.0071	2.6663	0.0816	0	0.0226	0.1042
728	12.9	12.5	2.6589	0	0.0067	2.6656	0.0827	0	0.0212	0.1039
729	12.4	12.5	2.6577	0	0.0063	2.6641	0.0837	0	0.0181	0.1018
730	12.5	12.6	2.6568	0	0.0062	2.663	0.0756	0	0.0172	0.0928
731	13	12.7	2.6573	0	0.0063	2.6636	0.0698	0	0.0156	0.0854

732	13.4	12.7	2.6583	0	0.0064	2.6647	0.0681	0	0.0162	0.0843
733	13.4	12.7	2.6586	0	0.0064	2.665	0.0645	0	0.0181	0.0826
734	12.7	12.7	2.6586	0	0.0065	2.6652	0.0668	0	0.0199	0.0867
735	13.2	12.8	2.6589	0	0.0067	2.6656	0.0666	0	0.0185	0.0851
736	13.9	12.7	2.6605	0	0.007	2.6675	0.0605	0	0.0166	0.0772
737	12.6	12.6	2.6607	0	0.0072	2.6679	0.0571	0	0.0151	0.0722
738	12.8	12.6	2.6612	0	0.0071	2.6683	0.0498	0	0.0168	0.0666
739	12.9	12.5	2.6621	0	0.007	2.6691	0.0425	0	0.0178	0.0603
740	12.7	12.5	2.663	0	0.0069	2.6699	0.0291	0	0.0158	0.0449
741	12.1	12.4	2.6638	0	0.0069	2.6707	0.0294	0	0.017	0.0464
742	12	12.3	2.6645	0	0.0068	2.6713	0.0343	0	0.0193	0.0537
743	12.2	12.3	2.6649	0	0.0067	2.6716	0.0381	0	0.0188	0.0569
744	12.3	12.3	2.665	0	0.0066	2.6716	0.0415	0	0.0209	0.0624
745	11.9	12.2	2.6649	0	0.0064	2.6713	0.039	0	0.0235	0.0625
746	11.3	12.1	2.6653	0	0.0062	2.6714	0.0298	0	0.0246	0.0543
747	11.5	12.1	2.6662	0	0.0061	2.6723	0.0234	0	0.0246	0.0479
748	11.7	12.1	2.6662	0	0.0058	2.672	0.0203	0	0.0255	0.0458
749	11.2	12.1	2.6664	0	0.0058	2.6722	0.008	0	0.0264	0.0344
750	11.4	12.2	2.6665	0	0.0058	2.6723	-0.0074	0	0.0265	0.0192
751	12.4	12.2	2.6665	0	0.0058	2.6723	-0.0164	0	0.0265	0.0101
752	12.4	12.3	2.666	0	0.0057	2.6717	-0.0142	0	0.0248	0.0106
753	12.4	12.3	2.665	0	0.006	2.6709	-0.0044	0	0.0224	0.018
754	12.3	12.4	2.6647	0	0.0062	2.6709	-0.0003	0	0.0182	0.0179
755	12.4	12.4	2.6647	0	0.0063	2.671	-0.0051	0	0.0163	0.0112
756	12.6	12.5	2.6649	0	0.0065	2.6713	-0.0064	0	0.0137	0.0074
757	12.8	12.5	2.6655	0	0.0065	2.672	-0.0048	0	0.0122	0.0074
758	13.1	12.6	2.6658	0	0.0064	2.6722	0.0036	0	0.0126	0.0162
759	13	12.6	2.6662	0	0.0062	2.6724	0.0089	0	0.0134	0.0223
760	13.4	12.7	2.6661	0	0.0062	2.6723	0.0102	0	0.0143	0.0245
761	13	12.7	2.666	0	0.0064	2.6724	0.0168	0	0.0152	0.032
762	12.9	12.7	2.666	0	0.0062	2.6722	0.0188	0	0.0164	0.0352
763	13.2	12.7	2.6656	0	0.0061	2.6717	0.0119	0	0.019	0.0308
764	12.5	12.7	2.666	0	0.0062	2.6722	0.004	0	0.018	0.022
765	12.6	12.7	2.6661	0	0.006	2.6721	0.0126	0	0.0185	0.0311
766	12.9	12.7	2.6662	0	0.0058	2.672	0.0267	0	0.0183	0.0449
767	12.6	12.7	2.6663	0	0.006	2.6723	0.032	0	0.0183	0.0503
768	12.1	12.6	2.6662	0	0.0064	2.6726	0.0353	0	0.0205	0.0557

769	12.4	12.6	2.6663	0	0.0067	2.673	0.0353	0	0.0218	0.0572
770	13	12.5	2.6667	0	0.0068	2.6735	0.0279	0	0.0228	0.0507
771	12.3	12.5	2.6666	0	0.0068	2.6734	0.0193	0	0.0234	0.0426
772	11.7	12.4	2.6658	0	0.0068	2.6726	0.0127	0	0.0222	0.035
773	12.9	12.4	2.6657	0	0.0067	2.6724	0.0029	0	0.0214	0.0243
774	12.1	12.4	2.6652	0	0.0065	2.6717	0.0146	0	0.0218	0.0365
775	12.5	12.5	2.6654	0	0.0064	2.6718	0.0071	0	0.0207	0.0278
776	12.3	12.5	2.6653	0	0.0063	2.6716	-0.0011	0	0.018	0.0168
777	12.7	12.4	2.6655	0	0.0064	2.6718	0.0077	0	0.0152	0.0229
778	12.5	12.4	2.6657	0	0.0064	2.6721	0.0141	0	0.0124	0.0266
779	12.2	12.4	2.6658	0	0.0063	2.6721	0.0112	0	0.0074	0.0186
780	12.1	12.4	2.6657	0	0.0062	2.6719	-0.0018	0	0.0034	0.0017
781	11.8	12.5	2.6659	0	0.0063	2.6722	-0.0146	0	0.0032	-0.0114
782	12.5	12.5	2.6661	0	0.0065	2.6726	-0.0139	0	0.0047	-0.0093
783	13.2	12.5	2.6658	0	0.0065	2.6723	-0.0103	0	0.0038	-0.0065
784	13	12.5	2.6656	0	0.0066	2.6722	-0.0106	0	0.0007	-0.01
785	12.9	12.5	2.6658	0	0.0067	2.6725	-0.0067	0	0.0022	-0.0044
786	12.1	12.5	2.6654	0	0.0068	2.6722	0.0008	0	0.0058	0.0066
787	12.2	12.5	2.665	0	0.0066	2.6717	0.0227	0	0.009	0.0318
788	12.5	12.5	2.6648	0	0.0066	2.6714	0.0322	0	0.0109	0.0431
789	13	12.5	2.6645	0	0.0067	2.6712	0.0468	0	0.0101	0.0569
790	13.1	12.6	2.6639	0	0.0067	2.6706	0.0616	0	0.0101	0.0717
791	12.8	12.6	2.6634	0	0.0066	2.6699	0.0746	0	0.0113	0.0859
792	12.2	12.6	2.6633	0	0.0065	2.6699	0.0869	0	0.0132	0.1002
793	12	12.5	2.6636	0	0.0066	2.6702	0.0917	0	0.0126	0.1043
794	12.8	12.5	2.6638	0	0.0066	2.6704	0.1014	0	0.01	0.1114
795	12.4	12.5	2.6643	0	0.0065	2.6708	0.1031	0	0.0092	0.1123
796	12.2	12.6	2.6649	0	0.0064	2.6713	0.1015	0	0.0101	0.1117
797	12.8	12.6	2.6652	0	0.0062	2.6714	0.1066	0	0.0095	0.1161
798	12.7	12.6	2.6655	0	0.006	2.6715	0.113	0	0.0074	0.1204
799	13.2	12.5	2.6655	0	0.0059	2.6714	0.1067	0	0.0045	0.1112
800	12.1	12.5	2.6651	0	0.0058	2.671	0.1009	0	0.0054	0.1063
801	12.1	12.5	2.665	0	0.0059	2.6709	0.0943	0	0.0063	0.1006
802	12.1	12.5	2.6648	0	0.0062	2.671	0.0908	0	0.0072	0.098
803	12.6	12.5	2.6645	0	0.0064	2.6709	0.0852	0	0.0074	0.0926
804	13.1	12.5	2.6642	0	0.0066	2.6708	0.0765	0	0.0106	0.0871
805	12.6	12.4	2.664	0	0.0068	2.6708	0.0737	0	0.0131	0.0868

806	13	12.4	2.6636	0	0.0069	2.6705	0.0709	0	0.0154	0.0863
807	11.9	12.4	2.6627	0	0.0068	2.6695	0.0663	0	0.0184	0.0846
808	11.9	12.4	2.6622	0	0.0067	2.6689	0.0702	0	0.018	0.0882
809	12.7	12.3	2.6619	0	0.0067	2.6686	0.0694	0	0.0137	0.0831
810	12.9	12.3	2.6615	0	0.0067	2.6682	0.0766	0	0.01	0.0866
811	12.4	12.3	2.6616	0	0.0067	2.6683	0.0858	0	0.0078	0.0936
812	12.3	12.3	2.6618	0	0.0067	2.6685	0.0932	0	0.0076	0.1008
813	11.9	12.3	2.6617	0	0.0067	2.6684	0.0982	0	0.0041	0.1022
814	11.9	12.3	2.6608	0	0.0066	2.6675	0.098	0	0	0.098
815	11.9	12.3	2.6599	0	0.0066	2.6665	0.1069	0	-0.0006	0.1063
816	11.9	12.2	2.6598	0	0.0065	2.6663	0.1138	0	-0.0049	0.1089
817	12.4	12.2	2.6602	0	0.0063	2.6664	0.1193	0	-0.0057	0.1137
818	12.2	12.3	2.6606	0	0.0061	2.6666	0.1268	0	-0.0057	0.1211
819	12.4	12.2	2.6609	0	0.0059	2.6668	0.1316	0	-0.0016	0.13
820	12.5	12.2	2.6608	0	0.0057	2.6665	0.1463	0	0.001	0.1473
821	11.9	12.1	2.6604	0	0.0057	2.6661	0.1644	0	0.0014	0.1658
822	12.2	12.1	2.6607	0	0.0059	2.6666	0.1716	0	0.001	0.1726
823	12.6	12.1	2.6596	0	0.0059	2.6655	0.1644	0	0.0022	0.1666
824	12.6	12.1	2.6591	0	0.0058	2.6649	0.1565	0	0.003	0.1595
825	12	12.1	2.6588	0	0.0057	2.6646	0.1428	0	0.0015	0.1443
826	12	12.1	2.6582	0	0.0058	2.664	0.1435	0	0.0012	0.1447
827	12.1	12.1	2.6577	0	0.0059	2.6636	0.1518	0	0.0001	0.152
828	12.1	12.1	2.6578	0	0.0059	2.6637	0.1805	0	-0.0014	0.1791
829	12.1	12.1	2.6579	0	0.006	2.6639	0.2066	0	-0.001	0.2056
830	11.6	12.1	2.6583	0	0.0059	2.6642	0.2315	0	-0.0011	0.2304
831	12.3	12.1	2.6587	0	0.0058	2.6645	0.2364	0	-0.0013	0.2351
832	11.8	12.1	2.6593	0	0.006	2.6653	0.2422	0	-0.0014	0.2409
833	11.7	12	2.6597	0	0.0064	2.666	0.2525	0	0.0006	0.2531
834	11.7	12	2.6593	0	0.0063	2.6656	0.2582	0	0.0006	0.2589
835	11.5	12	2.6588	0	0.0062	2.665	0.2632	0	0.0015	0.2646
836	12	12	2.6582	0	0.0061	2.6643	0.2654	0	0.003	0.2683
837	12.4	12	2.6575	0	0.0061	2.6636	0.2551	0	0.0032	0.2583
838	12.3	12	2.6565	0	0.0061	2.6626	0.247	0	-0.0007	0.2463
839	12.2	12	2.6559	0	0.006	2.6619	0.2506	0	-0.0019	0.2487
840	12.1	12.1	2.6555	0	0.0058	2.6613	0.2638	0	0.0002	0.264
841	11.8	12	2.6551	0	0.0056	2.6607	0.2631	0	0.0008	0.2639
842	12.1	12	2.6553	0	0.0055	2.6608	0.2664	0	-0.0012	0.2652

843	12.3	12	2.6548	0	0.0057	2.6605	0.2661	0	-0.0009	0.2651
844	11.9	12.1	2.6547	0	0.0057	2.6604	0.27	0	0.0018	0.2718
845	12	12.1	2.6548	0	0.0054	2.6602	0.2671	0	0.0039	0.271
846	12.1	12.1	2.6546	0	0.0052	2.6598	0.2626	0	0.0039	0.2665
847	12.3	12.1	2.6549	0	0.0053	2.6602	0.2636	0	0.003	0.2665
848	12.4	12.1	2.6555	0	0.0054	2.6609	0.2626	0	0.0017	0.2643
849	12.2	12.1	2.6563	0	0.0053	2.6616	0.2631	0	0.0006	0.2636
850	11.7	12	2.6571	0	0.0052	2.6622	0.266	0	-0.0027	0.2634
851	11.8	12	2.6574	0	0.0051	2.6625	0.2686	0	-0.0028	0.2658
852	11.8	12	2.6575	0	0.005	2.6625	0.2699	0	-0.0037	0.2662
853	12	12	2.6573	0	0.0049	2.6622	0.2692	0	0.001	0.2702
854	12.2	12	2.6573	0	0.0049	2.6622	0.2649	0	0.0032	0.2681
855	12	12	2.6576	0	0.0048	2.6624	0.2571	0	0.0037	0.2608
856	12.2	11.9	2.6582	0	0.0046	2.6629	0.2512	0	0.0049	0.2561
857	12.1	11.9	2.6585	0	0.0047	2.6632	0.2455	0	0.0073	0.2529
858	11.8	11.9	2.6589	0	0.005	2.6639	0.2324	0	0.0079	0.2402
859	11.9	11.9	2.6585	0	0.0052	2.6637	0.2272	0	0.0068	0.2341
860	11.8	11.9	2.6575	0	0.0054	2.6629	0.2279	0	0.0051	0.233
861	11.6	11.9	2.6567	0	0.0056	2.6623	0.2355	0	0.005	0.2405
862	12	11.9	2.6562	0	0.0058	2.662	0.2431	0	0.005	0.2481
863	11.6	11.9	2.6558	0	0.0061	2.6619	0.2463	0	0.0063	0.2526
864	12	11.8	2.6553	0	0.0062	2.6616	0.2558	0	0.0076	0.2633
865	11.4	11.8	2.6547	0	0.0065	2.6612	0.254	0	0.0084	0.2624
866	11.8	11.9	2.6542	0	0.0064	2.6606	0.2441	0	0.0093	0.2534
867	12.4	11.9	2.6536	0	0.0066	2.6602	0.2445	0	0.0092	0.2537
868	12.1	11.9	2.6531	0	0.0065	2.6596	0.2488	0	0.0077	0.2566
869	11.6	12	2.6517	0	0.0066	2.6582	0.2518	0	0.0077	0.2595
870	11.3	12.1	2.6503	0	0.0067	2.6569	0.261	0	0.0076	0.2686
871	11.7	12.1	2.6494	0	0.0067	2.6561	0.2602	0	0.0045	0.2647
872	11.9	12.2	2.6493	0	0.0066	2.6559	0.2563	0	0.0046	0.2609
873	11.6	12.2	2.6501	0	0.0064	2.6565	0.2578	0	0.0062	0.264
874	12	12.2	2.6509	0	0.0064	2.6573	0.2443	0	0.0065	0.2508
875	12.6	12.3	2.6511	0	0.0063	2.6574	0.2361	0	0.0048	0.2409
876	13.3	12.3	2.6501	0	0.0063	2.6564	0.2294	0	0.0016	0.231
877	12.1	12.3	2.6474	0	0.0065	2.6539	0.2203	0	0.0028	0.2231
878	13.2	12.3	2.645	0	0.0065	2.6515	0.2131	0	0.002	0.2151
879	13	12.4	2.6426	0	0.0064	2.649	0.2066	0	0.0024	0.209

880	13	12.5	2.6421	0	0.0063	2.6484	0.2048	0	0.0027	0.2075
881	12.8	12.5	2.6417	0	0.0064	2.6481	0.2079	0	0.0024	0.2103
882	12.4	12.4	2.6409	0	0.0064	2.6473	0.2125	0	0.0034	0.2158
883	12.2	12.5	2.6399	0	0.0065	2.6464	0.2192	0	0.0066	0.2258
884	12.5	12.5	2.6393	0	0.0065	2.6458	0.2229	0	0.0106	0.2336
885	12.7	12.5	2.6393	0	0.0064	2.6457	0.2199	0	0.0096	0.2295
886	12.4	12.4	2.6399	0	0.0065	2.6464	0.2154	0	0.0055	0.2209
887	12.1	12.4	2.6403	0	0.0067	2.647	0.212	0	0.0059	0.2179
888	12.8	12.4	2.6397	0	0.0068	2.6465	0.2064	0	0.0068	0.2132
889	12.4	12.3	2.6381	0	0.0067	2.6448	0.2017	0	0.0077	0.2095
890	11.6	12.3	2.6376	0	0.0066	2.6442	0.1972	0	0.0072	0.2043
891	11.5	12.3	2.6367	0	0.0067	2.6434	0.1919	0	0.0036	0.1956
892	12.1	12.3	2.6367	0	0.0066	2.6433	0.185	0	-0.0006	0.1844
893	12.6	12.3	2.6366	0	0.0064	2.643	0.1855	0	-0.0015	0.184
894	12.2	12.3	2.6371	0	0.0062	2.6433	0.182	0	0.0009	0.1829
895	11.8	12.3	2.638	0	0.0061	2.6441	0.1812	0	0	0.1812
896	12.1	12.3	2.6386	0	0.0061	2.6447	0.1818	0	-0.0038	0.1779
897	12.4	12.3	2.6389	0	0.006	2.645	0.1848	0	-0.0064	0.1784
898	12	12.3	2.6392	0	0.006	2.6451	0.19	0	-0.0053	0.1847
899	12.7	12.3	2.6389	0	0.0062	2.6451	0.1973	0	-0.0049	0.1924
900	13.2	12.3	2.6383	0	0.0061	2.6444	0.206	0	-0.0075	0.1986
901	12.4	12.4	2.638	0	0.0063	2.6443	0.2189	0	-0.0098	0.2091
902	11.9	12.4	2.6379	0	0.0061	2.644	0.2384	0	-0.009	0.2294
903	11.9	12.4	2.638	0	0.0061	2.6441	0.2397	0	-0.0081	0.2316
904	12.7	12.4	2.6385	0	0.0062	2.6447	0.2443	0	-0.0081	0.2362
905	13.2	12.5	2.6389	0	0.0063	2.6452	0.2434	0	-0.0096	0.2338
906	12.9	12.5	2.6391	0	0.0061	2.6452	0.2442	0	-0.0109	0.2333
907	12.5	12.4	2.6395	0	0.006	2.6455	0.2467	0	-0.0114	0.2354
908	12	12.4	2.6395	0	0.006	2.6455	0.2467	0	-0.0096	0.2371
909	12.6	12.4	2.6391	0	0.0062	2.6453	0.2514	0	-0.0075	0.2439
910	12.7	12.3	2.6379	0	0.0062	2.6441	0.2482	0	-0.0065	0.2417
911	12.4	12.3	2.6373	0	0.0062	2.6435	0.2364	0	-0.0055	0.2309
912	12.5	12.3	2.6371	0	0.0061	2.6432	0.2341	0	-0.0026	0.2315
913	12.5	12.3	2.6362	0	0.0059	2.6421	0.2345	0	-0.0008	0.2337
914	12.3	12.3	2.6354	0	0.0058	2.6413	0.2335	0	0.0005	0.234
915	12.2	12.2	2.6355	0	0.0057	2.6411	0.2292	0	0.0014	0.2305
916	11.8	12.2	2.6354	0	0.0056	2.641	0.2262	0	0.0059	0.2321

917	12.1	12.2	2.6353	0	0.0055	2.6408	0.2229	0	0.0066	0.2295
918	11.8	12.2	2.6354	0	0.0053	2.6407	0.2174	0	0.0091	0.2265
919	12	12.2	2.6348	0	0.0051	2.6399	0.2148	0	0.0086	0.2234
920	12	12.2	2.6348	0	0.0052	2.64	0.2039	0	0.007	0.2109
921	12.3	12.3	2.6348	0	0.0052	2.64	0.1907	0	0.0058	0.1965
922	12.1	12.3	2.635	0	0.0053	2.6402	0.1832	0	0.0081	0.1913
923	11.8	12.3	2.6352	0	0.0053	2.6404	0.1913	0	0.0112	0.2025
924	12.1	12.3	2.6355	0	0.0053	2.6408	0.1963	0	0.0116	0.2079
925	12.5	12.3	2.6359	0	0.0056	2.6414	0.2032	0	0.0104	0.2136
926	12.5	12.3	2.6361	0	0.0055	2.6417	0.2058	0	0.0084	0.2143
927	12.6	12.3	2.6364	0	0.0057	2.6421	0.201	0	0.0072	0.2083
928	12.4	12.3	2.6371	0	0.0057	2.6428	0.1901	0	0.0091	0.1992
929	12.6	12.3	2.6374	0	0.0057	2.6431	0.1889	0	0.0108	0.1997
930	13.2	12.3	2.6375	0	0.0056	2.6431	0.173	0	0.0089	0.1819
931	12.6	12.3	2.6374	0	0.0055	2.6429	0.1757	0	0.0064	0.182
932	12.4	12.3	2.6374	0	0.0054	2.6428	0.1892	0	0.01	0.1992
933	12.7	12.3	2.6374	0	0.0053	2.6427	0.1787	0	0.012	0.1907
934	12	12.3	2.6373	0	0.0054	2.6427	0.1719	0	0.0125	0.1844
935	12.2	12.3	2.6373	0	0.0056	2.6429	0.1641	0	0.0137	0.1778
936	11.7	12.4	2.637	0	0.0055	2.6425	0.1616	0	0.0144	0.176
937	12	12.4	2.6368	0	0.0054	2.6423	0.17	0	0.0154	0.1853
938	11.9	12.3	2.6364	0	0.0053	2.6417	0.1755	0	0.0167	0.1922
939	12	12.3	2.6362	0	0.0053	2.6415	0.1624	0	0.0159	0.1783
940	12.4	12.2	2.6363	0	0.0054	2.6418	0.1417	0	0.015	0.1567
941	12.3	12.2	2.6366	0	0.0056	2.6422	0.1295	0	0.0141	0.1436
942	12.1	12.2	2.6368	0	0.0057	2.6424	0.1097	0	0.0164	0.1261
943	12.5	12.2	2.6366	0	0.0056	2.6422	0.1027	0	0.0156	0.1183
944	12.4	12.2	2.6366	0	0.0057	2.6423	0.0977	0	0.0132	0.1109
945	12.7	12.2	2.6366	0	0.0058	2.6424	0.1038	0	0.0114	0.1153
946	12.7	12.2	2.6361	0	0.0059	2.642	0.1159	0	0.011	0.1269
947	12.2	12.3	2.6359	0	0.0058	2.6417	0.1217	0	0.0118	0.1335
948	11.9	12.3	2.6358	0	0.0058	2.6417	0.1235	0	0.0133	0.1367
949	11.9	12.4	2.6357	0	0.006	2.6417	0.1277	0	0.0117	0.1394
950	12.1	12.4	2.6352	0	0.0061	2.6413	0.1369	0	0.0129	0.1498
951	12.9	12.4	2.6336	0	0.006	2.6396	0.1342	0	0.0129	0.1472
952	12.5	12.4	2.6335	0	0.0058	2.6393	0.1279	0	0.0142	0.1422
953	12.1	12.4	2.6329	0	0.0057	2.6386	0.1241	0	0.0133	0.1374

954	11.9	12.4	2.633	0	0.0059	2.6388	0.1295	0	0.0151	0.1446
955	12	12.4	2.6331	0	0.0059	2.639	0.1405	0	0.017	0.1576
956	12.5	12.4	2.6336	0	0.0058	2.6393	0.1431	0	0.0176	0.1608
957	13.2	12.5	2.6338	0	0.0057	2.6395	0.1388	0	0.0163	0.1552
958	13.1	12.5	2.6337	0	0.0057	2.6395	0.1388	0	0.014	0.1528
959	12.3	12.6	2.6337	0	0.0059	2.6396	0.1343	0	0.0142	0.1485
960	12.7	12.6	2.6339	0	0.006	2.6399	0.1273	0	0.0145	0.1418
961	11.9	12.5	2.6333	0	0.0059	2.6392	0.1153	0	0.0146	0.1298
962	12.9	12.5	2.6327	0	0.0059	2.6386	0.1145	0	0.0145	0.129
963	12.6	12.6	2.6324	0	0.0061	2.6385	0.1173	0	0.0117	0.1291
964	12.7	12.6	2.6324	0	0.0061	2.6385	0.107	0	0.0081	0.1152
965	12.8	12.6	2.6321	0	0.0059	2.638	0.0964	0	0.0051	0.1016
966	12.9	12.6	2.632	0	0.0057	2.6377	0.1001	0	0.0037	0.1038
967	12.9	12.6	2.6319	0	0.0057	2.6375	0.1012	0	0.0021	0.1033
968	12.7	12.6	2.6316	0	0.0057	2.6372	0.1056	0	-0.0009	0.1047
969	12	12.6	2.6313	0	0.0059	2.6371	0.1161	0	-0.0045	0.1116
970	12.3	12.6	2.6312	0	0.0061	2.6373	0.1225	0	-0.0071	0.1154
971	12.7	12.6	2.6311	0	0.0059	2.637	0.1283	0	-0.0058	0.1225
972	12.5	12.6	2.6302	0	0.0055	2.6357	0.1241	0	-0.0036	0.1205
973	12.7	12.6	2.6304	0	0.0052	2.6357	0.1266	0	-0.0035	0.1232
974	12.6	12.5	2.6306	0	0.0053	2.6359	0.1316	0	-0.0017	0.13
975	12.4	12.5	2.6305	0	0.0055	2.6359	0.1348	0	-0.0005	0.1343
976	12.8	12.5	2.63	0	0.0056	2.6356	0.1349	0	0.003	0.1379
977	13	12.5	2.6284	0	0.0056	2.634	0.1339	0	0.0033	0.1371
978	12.7	12.5	2.6262	0	0.0054	2.6316	0.1288	0	0.005	0.1338
979	12.4	12.5	2.6253	0	0.0055	2.6308	0.1329	0	0.0041	0.1369
980	12.4	12.5	2.6245	0	0.0057	2.6302	0.1522	0	0.0022	0.1544
981	12.1	12.5	2.6228	0	0.0054	2.6282	0.1613	0	0.0025	0.1638
982	12.2	12.5	2.623	0	0.0052	2.6282	0.1634	0	0.0029	0.1662
983	12.2	12.5	2.6228	0	0.0052	2.628	0.1476	0	0.0033	0.1509
984	12.5	12.4	2.6229	0	0.0051	2.628	0.1454	0	0.0052	0.1506
985	12.6	12.3	2.6231	0	0.005	2.6281	0.1572	0	0.0071	0.1643
986	12.3	12.3	2.6229	0	0.0049	2.6279	0.162	0	0.0095	0.1714
987	12.4	12.3	2.6228	0	0.005	2.6278	0.154	0	0.0073	0.1614
988	12.4	12.2	2.6235	0	0.0052	2.6287	0.1468	0	0.0046	0.1514
989	11.9	12.2	2.6239	0	0.0052	2.6291	0.1381	0	0.0023	0.1404
990	12.8	12.2	2.6246	0	0.0052	2.6298	0.1392	0	0.002	0.1412

991	12.9	12.2	2.6258	0	0.005	2.6308	0.1441	0	0.0034	0.1474
992	12.2	12.2	2.6264	0	0.0051	2.6315	0.1495	0	0.0053	0.1548
993	11.4	12.1	2.6268	0	0.0051	2.6319	0.1415	0	0.0065	0.148
994	11.4	12.1	2.6267	0	0.0051	2.6318	0.1324	0	0.0061	0.1385
995	12	12	2.6264	0	0.005	2.6314	0.1329	0	0.007	0.1398
996	12.1	12	2.6264	0	0.0049	2.6313	0.1403	0	0.0082	0.1485
997	11.6	11.9	2.6266	0	0.0047	2.6313	0.1413	0	0.0099	0.1512
998	11.7	11.9	2.6264	0	0.0048	2.6312	0.1326	0	0.0104	0.1431
999	12.7	12	2.6252	0	0.0049	2.6301	0.1291	0	0.0104	0.1395
1000	11.9	11.9	2.6249	0	0.0048	2.6297	0.1289	0	0.0102	0.1391
1001	11.7	11.8	2.6252	0	0.0049	2.6301	0.1229	0	0.0098	0.1327
1002	11.7	11.8	2.6255	0	0.0047	2.6302	0.1121	0	0.0078	0.1199
1003	11.5	11.8	2.6251	0	0.0046	2.6296	0.1175	0	0.006	0.1235
1004	11.2	11.8	2.6245	0	0.0045	2.629	0.1181	0	0.0062	0.1243
1005	11.4	11.8	2.6246	0	0.0045	2.6291	0.124	0	0.0091	0.1331
1006	11.8	11.7	2.6252	0	0.0045	2.6297	0.1253	0	0.0104	0.1356
1007	12.4	11.7	2.6256	0	0.0046	2.6302	0.1264	0	0.0093	0.1357
1008	12.6	11.7	2.626	0	0.0046	2.6306	0.131	0	0.0067	0.1377
1009	11.5	11.7	2.6264	0	0.0047	2.6311	0.1303	0	0.0054	0.1357
1010	11.2	11.7	2.6264	0	0.0047	2.6311	0.1301	0	0.0075	0.1375
1011	11.2	11.7	2.6259	0	0.0047	2.6306	0.1359	0	0.0072	0.1431
1012	11.6	11.8	2.6254	0	0.0049	2.6303	0.1328	0	0.006	0.1388
1013	12.2	11.8	2.6255	0	0.0051	2.6306	0.1347	0	0.0073	0.142
1014	11.1	11.9	2.6258	0	0.0053	2.6311	0.136	0	0.0092	0.1451
1015	11.8	11.9	2.6255	0	0.0053	2.6308	0.1377	0	0.0094	0.1472
1016	11.3	12	2.6253	0	0.0054	2.6306	0.1407	0	0.009	0.1497
1017	11.4	12	2.6248	0	0.0056	2.6303	0.1481	0	0.0097	0.1578
1018	11.9	12.1	2.6238	0	0.0057	2.6295	0.1457	0	0.0095	0.1552
1019	12.2	12.1	2.6225	0	0.0058	2.6284	0.1419	0	0.0086	0.1505
1020	12.2	12.2	2.6219	0	0.0058	2.6278	0.149	0	0.0132	0.1622
1021	12.7	12.3	2.6224	0	0.0056	2.628	0.1499	0	0.0172	0.1671
1022	12.6	12.4	2.6223	0	0.0056	2.6279	0.1501	0	0.0153	0.1654
1023	12.2	12.5	2.622	0	0.0054	2.6274	0.1381	0	0.0101	0.1482
1024	12.6	12.6	2.622	0	0.0054	2.6274	0.1318	0	0.0066	0.1385
1025	13.1	12.7	2.6224	0	0.0053	2.6277	0.1264	0	0.007	0.1334
1026	13.4	12.8	2.6228	0	0.0052	2.628	0.1258	0	0.0089	0.1347
1027	13.2	12.8	2.6236	0	0.0052	2.6288	0.1242	0	0.0079	0.1321

1028	13	12.9	2.6239	0	0.0053	2.6291	0.1101	0	0.008	0.1181
1029	12.9	12.9	2.6222	0	0.0055	2.6277	0.0912	0	0.009	0.1002
1030	13.2	12.9	2.6214	0	0.0054	2.6268	0.0869	0	0.0079	0.0948
1031	13.5	12.9	2.6211	0	0.0052	2.6263	0.0757	0	0.0096	0.0853
1032	12.6	12.9	2.6226	0	0.005	2.6277	0.0498	0	0.0078	0.0576
1033	12.9	12.9	2.6228	0	0.0048	2.6276	0.0455	0	0.0064	0.052
1034	13.5	12.9	2.6216	0	0.0046	2.6262	0.0395	0	0.0081	0.0476
1035	13.4	12.9	2.6211	0	0.0046	2.6257	0.0361	0	0.0111	0.0472
1036	13	12.8	2.6216	0	0.0048	2.6264	0.0358	0	0.0106	0.0463
1037	13	12.7	2.6222	0	0.005	2.6271	0.0324	0	0.0103	0.0427
1038	12.4	12.7	2.6226	0	0.0051	2.6277	0.0246	0	0.0123	0.0368
1039	12.6	12.6	2.6223	0	0.0051	2.6274	0.0227	0	0.0133	0.036
1040	12.3	12.5	2.6219	0	0.0051	2.627	0.0154	0	0.013	0.0284
1041	12.6	12.5	2.6217	0	0.0051	2.6268	0.0136	0	0.0134	0.027
1042	12.5	12.4	2.6226	0	0.005	2.6276	0.0223	0	0.0118	0.034
1043	12.5	12.4	2.6234	0	0.005	2.6284	0.0283	0	0.0101	0.0385
1044	12.3	12.4	2.6233	0	0.005	2.6283	0.0319	0	0.0079	0.0398
1045	12	12.3	2.6226	0	0.005	2.6275	0.032	0	0.0056	0.0376
1046	11.6	12.3	2.622	0	0.0049	2.6269	0.0301	0	0.0041	0.0343
1047	11.7	12.3	2.6226	0	0.0048	2.6274	0.0336	0	0.0017	0.0353
1048	11.5	12.3	2.6229	0	0.0048	2.6277	0.0392	0	0.0004	0.0395
1049	12.3	12.3	2.6228	0	0.005	2.6278	0.0397	0	0.0025	0.0421
1050	12.5	12.3	2.6229	0	0.0052	2.6281	0.0302	0	0.0039	0.0342
1051	12.1	12.3	2.6224	0	0.0052	2.6276	0.0306	0	0.0025	0.0331
1052	12.6	12.3	2.6217	0	0.0052	2.6269	0.039	0	-0.0002	0.0388
1053	12.7	12.3	2.6211	0	0.0051	2.6261	0.043	0	-0.0034	0.0396
1054	12.6	12.2	2.6206	0	0.005	2.6255	0.0424	0	-0.0076	0.0348
1055	12.4	12.2	2.6206	0	0.0049	2.6255	0.0382	0	-0.0096	0.0286
1056	12.2	12.2	2.6209	0	0.0049	2.6258	0.0441	0	-0.0105	0.0337
1057	12.7	12.3	2.6207	0	0.005	2.6257	0.0584	0	-0.0101	0.0483
1058	12.8	12.3	2.6207	0	0.0052	2.6259	0.0692	0	-0.0077	0.0615
1059	12.3	12.3	2.6207	0	0.0051	2.6258	0.0735	0	-0.0066	0.067
1060	12.3	12.3	2.6203	0	0.0053	2.6256	0.0777	0	-0.0026	0.0752
1061	12.3	12.3	2.62	0	0.0053	2.6253	0.0697	0	-0.0035	0.0662
1062	12.2	12.2	2.6193	0	0.0052	2.6244	0.063	0	-0.0035	0.0594
1063	12.1	12.2	2.6188	0	0.0052	2.624	0.0616	0	-0.0013	0.0602
1064	11.9	12.2	2.6186	0	0.0052	2.6238	0.0666	0	0.0007	0.0673

1065	11.6	12.2	2.618	0	0.005	2.623	0.0762	0	0.0001	0.0763
1066	12.1	12.1	2.6171	0	0.0048	2.6219	0.0789	0	-0.0017	0.0773
1067	12.4	12.1	2.6173	0	0.0047	2.622	0.0827	0	0	0.0827
1068	12.2	12.1	2.6174	0	0.0048	2.6222	0.0886	0	0.0028	0.0914
1069	11.8	12.1	2.6164	0	0.0045	2.6209	0.0797	0	0.0054	0.0851
1070	12.1	12	2.6162	0	0.0044	2.6206	0.0727	0	0.0081	0.0808
1071	11.9	12	2.6161	0	0.0044	2.6204	0.0659	0	0.0091	0.0749
1072	11.9	12	2.6164	0	0.0045	2.6209	0.0712	0	0.0057	0.0769
1073	12.3	12	2.6172	0	0.0046	2.6218	0.0785	0	0.0055	0.084
1074	12.2	12.1	2.6179	0	0.0046	2.6226	0.0845	0	0.0033	0.0878
1075	11.5	12.1	2.6179	0	0.0046	2.6225	0.0884	0	0.0016	0.0901
1076	12.2	12.1	2.6176	0	0.0048	2.6224	0.0994	0	0.0003	0.0996
1077	12.1	12	2.6174	0	0.0048	2.6222	0.1138	0	0.0008	0.1147
1078	12	12	2.617	0	0.0045	2.6216	0.1187	0	0	0.1188
1079	12	12	2.6166	0	0.0047	2.6213	0.1296	0	0.0027	0.1323
1080	12	12	2.617	0	0.0047	2.6217	0.1166	0	0.008	0.1246
1081	12.1	12	2.6178	0	0.0046	2.6225	0.1191	0	0.0058	0.1248
1082	12.4	12	2.6184	0	0.0046	2.623	0.124	0	0.0024	0.1265
1083	12.5	12	2.6188	0	0.0044	2.6232	0.1439	0	0.0003	0.1442
1084	12	12	2.6193	0	0.004	2.6232	0.1541	0	-0.0018	0.1524
1085	11.8	12.1	2.6195	0	0.0039	2.6234	0.1551	0	-0.002	0.1531
1086	11.7	12.1	2.6197	0	0.0039	2.6236	0.1617	0	0.0004	0.1622
1087	11.7	12.1	2.6203	0	0.0038	2.6241	0.1658	0	0.0058	0.1716
1088	11.8	12	2.6212	0	0.0039	2.6251	0.1669	0	0.0085	0.1754
1089	12	12	2.6224	0	0.0039	2.6263	0.1681	0	0.0092	0.1773
1090	11.9	12	2.6233	0	0.0039	2.6271	0.1687	0	0.0057	0.1744
1091	11.7	12	2.6235	0	0.0039	2.6274	0.1683	0	0.0025	0.1708
1092	11.9	12	2.6236	0	0.0041	2.6277	0.1617	0	-0.0001	0.1615
1093	12.7	11.9	2.6236	0	0.0043	2.6279	0.1569	0	-0.0022	0.1547
1094	12.7	12	2.6235	0	0.0045	2.628	0.1452	0	-0.0007	0.1445
1095	12.6	12	2.6234	0	0.0046	2.628	0.1358	0	0.0009	0.1367
1096	11.9	12	2.623	0	0.0048	2.6278	0.1412	0	-0.0013	0.1399
1097	11.3	12	2.6227	0	0.0047	2.6273	0.1535	0	-0.0014	0.1521
1098	11.6	12	2.6224	0	0.0046	2.627	0.171	0	-0.0013	0.1697
1099	12.2	12	2.6222	0	0.0045	2.6267	0.1948	0	-0.0009	0.1939
1100	11.6	12	2.6218	0	0.0046	2.6264	0.2118	0	0.0004	0.2122
1101	12	12	2.6213	0	0.0049	2.6262	0.2212	0	0.0021	0.2233

1102	11.7	12.1	2.6212	0	0.0051	2.6263	0.2237	0	0.003	0.2267
1103	12.3	12	2.6208	0	0.0053	2.6262	0.2234	0	0.0035	0.2268
1104	12.1	12	2.6206	0	0.0055	2.6261	0.2156	0	0.0059	0.2215
1105	11.6	12	2.6202	0	0.0055	2.6257	0.2106	0	0.0055	0.2161
1106	11.6	12	2.6193	0	0.0055	2.6249	0.2053	0	0.0021	0.2074
1107	11.9	12.1	2.6187	0	0.0054	2.6241	0.2072	0	0.0015	0.2087
1108	11.9	12.2	2.6187	0	0.0053	2.6239	0.2019	0	0.0027	0.2046
1109	12.6	12.2	2.6186	0	0.005	2.6236	0.1995	0	0.0039	0.2035
1110	12.3	12.2	2.6194	0	0.0051	2.6245	0.1987	0	0.0037	0.2024
1111	12.5	12.2	2.6196	0	0.0051	2.6247	0.1926	0	0.0066	0.1992
1112	12.3	12.3	2.6192	0	0.005	2.6243	0.1829	0	0.007	0.1899
1113	12.1	12.3	2.6188	0	0.0051	2.6239	0.1738	0	0.0057	0.1795
1114	12.4	12.3	2.6182	0	0.0053	2.6235	0.1726	0	0.0048	0.1774
1115	12.8	12.3	2.6176	0	0.0055	2.623	0.1685	0	0.006	0.1744
1116	12.7	12.4	2.617	0	0.0054	2.6224	0.1588	0	0.0051	0.1639
1117	12.2	12.4	2.6159	0	0.0053	2.6212	0.1484	0	0.002	0.1504
1118	13.1	12.4	2.6158	0	0.0052	2.621	0.1496	0	0.0006	0.1502
1119	12	12.4	2.6153	0	0.005	2.6203	0.1488	0	0.0035	0.1523
1120	12.2	12.4	2.6154	0	0.0049	2.6203	0.1379	0	0.005	0.1429
1121	12.4	12.4	2.6153	0	0.005	2.6203	0.1324	0	0.005	0.1374
1122	12.4	12.4	2.6145	0	0.005	2.6195	0.1244	0	0.0026	0.127
1123	12.5	12.4	2.6136	0	0.0051	2.6187	0.1213	0	0.0024	0.1237
1124	12.5	12.4	2.6132	0	0.0052	2.6184	0.1257	0	0.0048	0.1305
1125	12.2	12.4	2.6124	0	0.0052	2.6177	0.131	0	0.0064	0.1374
1126	11.9	12.3	2.6114	0	0.0051	2.6165	0.1291	0	0.0107	0.1398
1127	11.9	12.3	2.6117	0	0.0052	2.6169	0.1248	0	0.0139	0.1387
1128	12.4	12.3	2.6109	0	0.005	2.6159	0.1206	0	0.0139	0.1346
1129	12.5	12.3	2.6106	0	0.0047	2.6152	0.1138	0	0.0106	0.1244
1130	13.2	12.2	2.6095	0	0.0048	2.6143	0.106	0	0.015	0.121
1131	12.5	12.2	2.6087	0	0.005	2.6137	0.1032	0	0.0187	0.1219
1132	12	12.2	2.6082	0	0.005	2.6132	0.1042	0	0.0194	0.1236
1133	12	12.2	2.6074	0	0.005	2.6124	0.1053	0	0.0192	0.1245
1134	12.1	12.2	2.6061	0	0.0048	2.6109	0.1047	0	0.0174	0.122
1135	12.4	12.2	2.6049	0	0.0046	2.6095	0.1049	0	0.0079	0.1128
1136	11.9	12.2	2.605	0	0.0042	2.6092	0.108	0	0.0012	0.1092
1137	12	12.2	2.6055	0	0.0041	2.6096	0.1079	0	-0.0029	0.105
1138	11.7	12.2	2.6057	0	0.0042	2.6099	0.1131	0	-0.0043	0.1088

1139	11.4	12.1	2.6054	0	0.0045	2.6099	0.1218	0	-0.0038	0.1181
1140	11.8	12.1	2.6051	0	0.0049	2.61	0.1331	0	-0.0037	0.1294
1141	12.4	12	2.6055	0	0.0051	2.6106	0.1409	0	-0.003	0.1379
1142	12.5	12	2.6069	0	0.0052	2.6122	0.1453	0	-0.0004	0.1449
1143	12.7	12	2.6088	0	0.0051	2.6139	0.1398	0	0.0016	0.1413
1144	12.3	12	2.6097	0	0.0049	2.6146	0.139	0	0.0049	0.1438
1145	12.4	12.1	2.6084	0	0.0051	2.6135	0.1374	0	0.0089	0.1463
1146	11.9	12.1	2.6066	0	0.005	2.6117	0.1373	0	0.0091	0.1464
1147	11.6	12.1	2.6055	0	0.0049	2.6105	0.1385	0	0.0105	0.149
1148	11.7	12.1	2.6034	0	0.0049	2.6083	0.1421	0	0.0126	0.1548
1149	11.9	12.2	2.6016	0	0.0049	2.6066	0.1444	0	0.015	0.1594
1150	11.9	12.2	2.6008	0	0.005	2.6057	0.1428	0	0.016	0.1588
1151	11.7	12.2	2.6	0	0.0049	2.6049	0.138	0	0.0167	0.1547
1152	11.8	12.1	2.5994	0	0.0049	2.6043	0.1399	0	0.0148	0.1547
1153	12.3	12.1	2.5995	0	0.0045	2.604	0.1424	0	0.0165	0.1589
1154	12.9	12.1	2.5995	0	0.0044	2.6039	0.1407	0	0.0179	0.1586
1155	12.1	12.1	2.6001	0	0.0047	2.6047	0.1374	0	0.0206	0.158
1156	12.3	12.2	2.6002	0	0.0047	2.6049	0.133	0	0.0238	0.1568
1157	12.6	12.2	2.6005	0	0.0048	2.6053	0.1293	0	0.0233	0.1526
1158	12.4	12.3	2.6007	0	0.0048	2.6055	0.125	0	0.0185	0.1435
1159	12.1	12.3	2.6008	0	0.0047	2.6056	0.1177	0	0.0155	0.1332
1160	12	12.3	2.601	0	0.0046	2.6056	0.1105	0	0.0121	0.1225
1161	12.1	12.3	2.6017	0	0.0046	2.6063	0.1113	0	0.012	0.1233
1162	12.2	12.3	2.6019	0	0.0046	2.6065	0.1081	0	0.009	0.1172
1163	12.2	12.3	2.6016	0	0.0047	2.6063	0.1034	0	0.0054	0.1089
1164	13	12.3	2.6018	0	0.0046	2.6063	0.1005	0	0.0036	0.1041
1165	13	12.3	2.6021	0	0.0045	2.6066	0.0965	0	0.0052	0.1017
1166	12.4	12.3	2.6023	0	0.0046	2.6069	0.0909	0	0.0073	0.0983
1167	11.9	12.4	2.6023	0	0.0047	2.607	0.0818	0	0.0047	0.0865
1168	12.4	12.3	2.6025	0	0.0045	2.607	0.07	0	0.002	0.072
1169	11.7	12.3	2.6026	0	0.0041	2.6066	0.0724	0	-0.0007	0.0717
1170	11.7	12.3	2.603	0	0.0039	2.6068	0.067	0	-0.0021	0.0649
1171	12.7	12.3	2.6036	0	0.0041	2.6077	0.0682	0	-0.0022	0.066
1172	12.9	12.2	2.6043	0	0.0042	2.6085	0.0667	0	0.0003	0.067
1173	12.3	12.2	2.6047	0	0.0041	2.6088	0.0572	0	0.0019	0.059
1174	12.3	12.1	2.6048	0	0.004	2.6088	0.0519	0	0.0026	0.0544
1175	12.6	12	2.605	0	0.0035	2.6085	0.0599	0	0.0031	0.063

1176	12.9	12	2.6051	0	0.0034	2.6085	0.0647	0	0.0028	0.0676
1177	12.2	12	2.6053	0	0.0034	2.6087	0.0557	0	0.0042	0.0599
1178	11.6	11.9	2.6057	0	0.0035	2.6091	0.0571	0	0.005	0.062
1179	11.7	12	2.606	0	0.0032	2.6092	0.0473	0	0.004	0.0513
1180	11.7	12	2.6066	0	0.0029	2.6095	0.0359	0	0.0015	0.0375
1181	11.5	11.9	2.6074	0	0.0027	2.6101	0.0181	0	0.0019	0.0199
1182	11.6	11.8	2.6079	0	0.0027	2.6106	0.0051	0	0.0011	0.0062
1183	11.1	11.8	2.6083	0	0.0027	2.611	-0.0029	0	0.0008	-0.0022
1184	11.5	11.8	2.6088	0	0.0032	2.612	-0.0121	0	0.0013	-0.0108
1185	11.8	11.8	2.6087	0	0.0038	2.6125	-0.026	0	-0.0007	-0.0267
1186	11.7	11.7	2.6089	0	0.0042	2.6131	-0.0351	0	-0.0038	-0.039
1187	11.5	11.7	2.609	0	0.0042	2.6132	-0.032	0	-0.0089	-0.0409
1188	11.9	11.7	2.609	0	0.0042	2.6132	-0.0228	0	-0.0093	-0.0321
1189	12	11.7	2.6091	0	0.0043	2.6133	-0.0155	0	-0.0087	-0.0242
1190	11.4	11.7	2.6092	0	0.0042	2.6133	-0.0161	0	-0.0065	-0.0227
1191	11.6	11.7	2.609	0	0.0039	2.6129	-0.015	0	-0.0042	-0.0191
1192	12.2	11.7	2.6096	0	0.0039	2.6135	-0.0032	0	-0.0007	-0.0039
1193	12.1	11.8	2.6097	0	0.0038	2.6135	0.0153	0	0.0012	0.0165
1194	12	11.8	2.6098	0	0.0036	2.6134	0.0424	0	-0.0023	0.0402
1195	11.7	11.8	2.6097	0	0.0037	2.6134	0.0601	0	-0.0057	0.0545
1196	11.4	11.8	2.6092	0	0.0037	2.6129	0.0581	0	-0.0026	0.0556
1197	11.8	11.8	2.6084	0	0.0034	2.6119	0.0486	0	-0.0035	0.0451
1198	12.2	11.8	2.608	0	0.0031	2.611	0.0392	0	-0.0047	0.0345
1199	11.5	11.8	2.6079	0	0.0029	2.6108	0.0153	0	-0.005	0.0103
1200	11.8	11.8	2.608	0	0.0029	2.6109	-0.0055	0	-0.0038	-0.0093
1201	11.8	11.9	2.6073	0	0.0034	2.6107	-0.0186	0	-0.0022	-0.0207
1202	11.4	11.9	2.607	0	0.0034	2.6104	-0.0364	0	-0.0019	-0.0383
1203	11.5	11.9	2.6068	0	0.0035	2.6103	-0.037	0	-0.0015	-0.0385
1204	11.9	11.8	2.6069	0	0.0034	2.6103	-0.0308	0	-0.0042	-0.035
1205	11.9	11.9	2.6069	0	0.0032	2.61	-0.0308	0	-0.0049	-0.0357
1206	11.7	11.9	2.6064	0	0.0032	2.6096	-0.0251	0	-0.0025	-0.0276
1207	12	11.9	2.6062	0	0.0035	2.6097	-0.0229	0	-0.0031	-0.026
1208	12	11.9	2.6069	0	0.0037	2.6106	-0.0154	0	-0.0025	-0.0179
1209	12.4	11.9	2.6076	0	0.0038	2.6114	-0.0061	0	-0.001	-0.0071
1210	12.4	11.9	2.6083	0	0.0039	2.6122	0.0014	0	-0.0016	-0.0002
1211	12	11.9	2.6088	0	0.0042	2.613	0.0094	0	-0.003	0.0064
1212	11.8	11.9	2.6089	0	0.0045	2.6134	0.0259	0	-0.003	0.0229

1213	11.7	11.9	2.6088	0	0.0047	2.6135	0.0269	0	-0.0013	0.0256
1214	12	11.9	2.6085	0	0.0048	2.6133	0.0216	0	-0.0009	0.0207
1215	12.7	11.9	2.6085	0	0.0047	2.6132	0.0257	0	-0.0018	0.0239
1216	11.6	11.9	2.6088	0	0.0049	2.6137	0.0378	0	-0.0024	0.0354
1217	11.8	11.8	2.6089	0	0.0051	2.614	0.0502	0	-0.0029	0.0473
1218	12.1	11.8	2.6086	0	0.0053	2.6138	0.0569	0	-0.0033	0.0535
1219	11.5	11.8	2.6086	0	0.0052	2.6138	0.065	0	-0.0044	0.0606
1220	11.2	11.7	2.6085	0	0.0051	2.6137	0.0631	0	-0.0066	0.0565
1221	11.7	11.7	2.6086	0	0.005	2.6136	0.0682	0	-0.0085	0.0598
1222	12.2	11.8	2.6087	0	0.0049	2.6136	0.0781	0	-0.0047	0.0734
1223	11.9	11.8	2.6084	0	0.0048	2.6132	0.0827	0	-0.0034	0.0793
1224	11.1	11.8	2.6072	0	0.0049	2.6121	0.0843	0	-0.0053	0.079
1225	11.8	11.8	2.606	0	0.005	2.6109	0.088	0	-0.0068	0.0812
1226	11.2	11.9	2.6058	0	0.0047	2.6105	0.0923	0	-0.011	0.0812
1227	11.4	11.9	2.606	0	0.0047	2.6107	0.0949	0	-0.0119	0.083
1228	11.8	11.9	2.6062	0	0.0046	2.6108	0.0982	0	-0.0129	0.0853
1229	11.8	12	2.607	0	0.0045	2.6115	0.1083	0	-0.0124	0.096
1230	12	12	2.6077	0	0.0046	2.6123	0.1173	0	-0.0135	0.1038
1231	12.1	12.1	2.6082	0	0.0048	2.613	0.1244	0	-0.0173	0.107
1232	12.2	12.1	2.6085	0	0.0049	2.6135	0.1306	0	-0.0208	0.1098
1233	12.4	12.1	2.6086	0	0.0048	2.6135	0.1374	0	-0.0216	0.1158
1234	12.6	12.2	2.6087	0	0.0049	2.6136	0.1484	0	-0.0203	0.1281
1235	12.8	12.2	2.6084	0	0.005	2.6134	0.1585	0	-0.0142	0.1443
1236	12.8	12.2	2.6082	0	0.0051	2.6133	0.1678	0	-0.0082	0.1597
1237	12.2	12.2	2.6077	0	0.005	2.6128	0.1666	0	-0.0041	0.1625
1238	12.2	12.2	2.6073	0	0.0051	2.6123	0.1607	0	-0.0049	0.1558
1239	12.5	12.2	2.607	0	0.0052	2.6122	0.1558	0	-0.0061	0.1497
1240	12.3	12.3	2.6066	0	0.0053	2.6119	0.1551	0	-0.0059	0.1492
1241	12.3	12.2	2.6058	0	0.0052	2.611	0.1554	0	-0.0074	0.148
1242	12.6	12.2	2.6054	0	0.0051	2.6105	0.1502	0	-0.0118	0.1384
1243	12.2	12.1	2.6046	0	0.0053	2.6099	0.1538	0	-0.0111	0.1428
1244	11.7	12.1	2.6037	0	0.0055	2.6092	0.1616	0	-0.0127	0.1489
1245	11.4	12	2.6026	0	0.0054	2.608	0.1642	0	-0.0143	0.15
1246	11.9	12	2.6018	0	0.0054	2.6071	0.1652	0	-0.0126	0.1526
1247	12	11.9	2.6016	0	0.0054	2.607	0.1602	0	-0.0104	0.1498
1248	12.3	11.9	2.6019	0	0.0054	2.6073	0.1546	0	-0.0109	0.1437
1249	12.3	11.9	2.6022	0	0.0053	2.6075	0.1548	0	-0.0126	0.1422

1250	11.3	12	2.6026	0	0.0052	2.6078	0.1541	0	-0.015	0.1391
1251	11.4	12	2.6036	0	0.0051	2.6087	0.155	0	-0.0132	0.1417
1252	11.8	12	2.6031	0	0.005	2.6081	0.1475	0	-0.0044	0.1431
1253	11.5	12	2.6026	0	0.0049	2.6075	0.1399	0	-0.0028	0.1372
1254	11.2	12	2.6026	0	0.0049	2.6075	0.1305	0	-0.0017	0.1288
1255	12	12	2.6026	0	0.0049	2.6075	0.1241	0	-0.0033	0.1208
1256	12	12	2.6025	0	0.005	2.6075	0.1196	0	-0.0064	0.1132
1257	12.1	12	2.602	0	0.005	2.6071	0.1141	0	-0.0061	0.1079
1258	12.6	12	2.6014	0	0.0049	2.6063	0.1129	0	-0.0054	0.1075
1259	12.7	12	2.6007	0	0.0049	2.6056	0.1195	0	-0.0047	0.1148
1260	12.1	12.1	2.6001	0	0.0049	2.605	0.1251	0	-0.0063	0.1188
1261	12.5	12.1	2.5991	0	0.0049	2.604	0.1315	0	-0.0071	0.1243
1262	12.3	12.1	2.5992	0	0.0047	2.6039	0.1355	0	-0.0043	0.1312
1263	12.3	12.2	2.5994	0	0.0048	2.6042	0.136	0	-0.0021	0.1339
1264	12.1	12.2	2.5992	0	0.0047	2.604	0.1345	0	0.0018	0.1363
1265	11.9	12.2	2.5983	0	0.0047	2.6031	0.1354	0	0.0019	0.1373
1266	11.7	12.2	2.5973	0	0.0049	2.6021	0.1351	0	0.0001	0.1352
1267	11.9	12.2	2.5967	0	0.005	2.6016	0.1375	0	0.0006	0.1381
1268	13.1	12.2	2.596	0	0.0049	2.6009	0.1391	0	0.0019	0.141
1269	12.5	12.2	2.5963	0	0.0047	2.601	0.1379	0	0.0025	0.1404
1270	11.8	12.2	2.5961	0	0.0047	2.6008	0.1389	0	-0.0021	0.1368
1271	12	12.2	2.5958	0	0.0046	2.6004	0.1393	0	-0.0096	0.1297
1272	12.3	12.1	2.596	0	0.0046	2.6006	0.1373	0	-0.011	0.1263
1273	12.4	12.1	2.5962	0	0.0046	2.6009	0.1368	0	-0.0124	0.1244
1274	12.3	12.1	2.596	0	0.0047	2.6007	0.1357	0	-0.0141	0.1216
1275	11.7	12.1	2.5958	0	0.0046	2.6004	0.1294	0	-0.0126	0.1169
1276	12.4	12.1	2.5956	0	0.0046	2.6002	0.1217	0	-0.0095	0.1122
1277	12.6	12.1	2.5955	0	0.0047	2.6002	0.1206	0	-0.01	0.1106
1278	12.4	12	2.5948	0	0.0047	2.5995	0.1223	0	-0.0097	0.1125
1279	11.7	12	2.5943	0	0.0046	2.5989	0.1249	0	-0.0099	0.115
1280	11.6	12	2.5942	0	0.0046	2.5988	0.1288	0	-0.0117	0.1171
1281	11.9	12	2.5943	0	0.0048	2.5991	0.1375	0	-0.0099	0.1276
1282	11.8	12	2.5942	0	0.0048	2.599	0.1381	0	-0.0067	0.1314
1283	11.6	11.9	2.5935	0	0.0047	2.5982	0.1439	0	-0.0065	0.1374
1284	12	11.9	2.5929	0	0.0046	2.5975	0.1533	0	-0.0089	0.1443
1285	11.8	11.9	2.5919	0	0.0046	2.5965	0.1597	0	-0.0085	0.1512
1286	11.6	11.9	2.5923	0	0.0046	2.5969	0.1598	0	-0.006	0.1537

1287	12.3	11.8	2.5929	0	0.0047	2.5977	0.1631	0	-0.003	0.1601
1288	12.2	11.8	2.5934	0	0.0049	2.5983	0.1662	0	-0.0026	0.1635
1289	11.8	11.9	2.5936	0	0.0049	2.5984	0.1654	0	-0.0025	0.1629
1290	11.7	11.9	2.5936	0	0.0049	2.5985	0.1691	0	-0.0022	0.167
1291	11.6	11.9	2.594	0	0.0051	2.5991	0.165	0	-0.0013	0.1636
1292	11.4	11.9	2.5942	0	0.005	2.5992	0.1609	0	-0.0052	0.1556
1293	11.8	11.9	2.5935	0	0.0051	2.5986	0.1602	0	-0.0079	0.1523
1294	11.8	11.8	2.5933	0	0.005	2.5984	0.1549	0	-0.0061	0.1488
1295	11.7	11.8	2.5932	0	0.0049	2.5981	0.1492	0	-0.0036	0.1457
1296	11.9	11.9	2.5932	0	0.0047	2.5979	0.1429	0	-0.0048	0.1381
1297	12.3	11.8	2.593	0	0.0045	2.5975	0.138	0	-0.0022	0.1358
1298	12.3	11.8	2.5925	0	0.0043	2.5968	0.1462	0	0	0.1462
1299	12	11.8	2.5925	0	0.0044	2.5969	0.1543	0	-0.0009	0.1534
1300	11.6	11.8	2.5925	0	0.0042	2.5967	0.1698	0	-0.0025	0.1673
1301	11.7	11.8	2.5926	0	0.0039	2.5964	0.1851	0	-0.0042	0.1809
1302	11.6	11.8	2.593	0	0.0037	2.5967	0.2047	0	-0.0038	0.2008
1303	11.5	11.8	2.5937	0	0.0037	2.5974	0.2047	0	-0.0035	0.2012
1304	11.7	11.8	2.5945	0	0.0037	2.5982	0.2012	0	-0.0042	0.197
1305	12.1	11.7	2.5949	0	0.0038	2.5987	0.2011	0	-0.0062	0.1949
1306	11.8	11.7	2.595	0	0.0038	2.5988	0.1989	0	-0.0102	0.1887
1307	11.5	11.7	2.5949	0	0.0041	2.599	0.1969	0	-0.0108	0.1861
1308	11.6	11.6	2.595	0	0.0042	2.5991	0.1933	0	-0.0109	0.1824
1309	11.4	11.6	2.5951	0	0.0044	2.5995	0.2032	0	-0.0106	0.1927
1310	11.7	11.6	2.5951	0	0.0046	2.5997	0.206	0	-0.0087	0.1973
1311	12.1	11.5	2.5952	0	0.0046	2.5998	0.1998	0	-0.0069	0.1929
1312	11	11.5	2.5953	0	0.0047	2.6	0.1869	0	-0.006	0.1809
1313	11.8	11.5	2.5953	0	0.0045	2.5998	0.1853	0	-0.0074	0.1779
1314	11.1	11.5	2.595	0	0.0046	2.5996	0.1868	0	-0.0061	0.1807
1315	11.1	11.4	2.595	0	0.0047	2.5997	0.189	0	-0.0056	0.1835
1316	11.8	11.4	2.595	0	0.0048	2.5999	0.1794	0	-0.0056	0.1739
1317	11.9	11.5	2.595	0	0.0049	2.5999	0.1605	0	-0.0052	0.1553
1318	11.4	11.5	2.5948	0	0.005	2.5998	0.1548	0	-0.0049	0.1499
1319	11.5	11.5	2.5947	0	0.0054	2.6001	0.156	0	-0.0061	0.1499
1320	10.7	11.5	2.5946	0	0.0061	2.6007	0.1686	0	-0.0079	0.1608
1321	11.2	11.4	2.5949	0	0.0061	2.601	0.1763	0	-0.0076	0.1687
1322	11.4	11.5	2.5951	0	0.0061	2.6012	0.1799	0	-0.0083	0.1716
1323	11.2	11.4	2.5948	0	0.0062	2.6011	0.1885	0	-0.0085	0.18

1324	11.3	11.5	2.5942	0	0.0062	2.6004	0.2048	0	-0.0074	0.1974
1325	11.8	11.5	2.5938	0	0.0059	2.5997	0.2186	0	-0.0052	0.2135
1326	11.8	11.5	2.5937	0	0.0057	2.5994	0.2214	0	-0.0051	0.2164
1327	11.5	11.5	2.5937	0	0.0057	2.5994	0.2175	0	-0.0033	0.2142
1328	12.1	11.6	2.5937	0	0.0056	2.5993	0.2326	0	-0.0028	0.2297
1329	11.3	11.6	2.5941	0	0.0057	2.5998	0.2286	0	-0.0056	0.223
1330	11.4	11.6	2.5939	0	0.0056	2.5995	0.2125	0	-0.0088	0.2037
1331	11.2	11.7	2.5944	0	0.0055	2.5999	0.1906	0	-0.0067	0.1839
1332	11.4	11.7	2.5942	0	0.0056	2.5997	0.1764	0	-0.0018	0.1746
1333	11.6	11.8	2.5933	0	0.0057	2.599	0.1811	0	-0.0023	0.1788
1334	11.7	11.8	2.5927	0	0.0058	2.5985	0.1933	0	-0.0122	0.1811
1335	11.9	11.8	2.5925	0	0.0056	2.5981	0.1962	0	-0.0298	0.1664
1336	12.2	11.8	2.5919	0	0.0054	2.5973	0.1749	0	-0.028	0.1469
1337	12.2	11.9	2.5911	0	0.0053	2.5964	0.1509	0	-0.0298	0.1211
1338	12.3	11.9	2.5907	0	0.0053	2.5961	0.142	0	-0.0295	0.1125
1339	11.6	11.9	2.5901	0	0.0054	2.5955	0.1347	0	-0.0306	0.104
1340	12	12	2.5901	0	0.0054	2.5955	0.1216	0	-0.0308	0.0908
1341	11.9	12	2.5897	0	0.0057	2.5954	0.1102	0	-0.0312	0.079
1342	12	12	2.5894	0	0.0059	2.5953	0.1079	0	-0.0311	0.0768
1343	11.9	12	2.5891	0	0.0059	2.595	0.109	0	-0.0333	0.0757
1344	11.6	12	2.5888	0	0.0058	2.5946	0.1016	0	-0.033	0.0686
1345	11.9	12	2.5883	0	0.0058	2.5942	0.1002	0	-0.0338	0.0665
1346	12.9	12	2.588	0	0.0056	2.5936	0.0975	0	-0.0344	0.0631
1347	12.7	12	2.587	0	0.0054	2.5924	0.0955	0	-0.0335	0.062
1348	12.4	12	2.5865	0	0.0055	2.5919	0.0947	0	-0.0341	0.0606
1349	11.8	12	2.5852	0	0.0056	2.5908	0.0892	0	-0.0367	0.0525
1350	11.5	12	2.5841	0	0.0056	2.5897	0.0853	0	-0.0353	0.0501
1351	11.7	12.1	2.5832	0	0.0055	2.5886	0.0821	0	-0.038	0.044
1352	12.2	12.1	2.5826	0	0.0053	2.588	0.0789	0	-0.043	0.0359
1353	11.9	12.1	2.5825	0	0.0053	2.5878	0.0789	0	-0.0445	0.0344
1354	11.5	12.1	2.5825	0	0.0055	2.588	0.0835	0	-0.044	0.0395
1355	12.1	12.2	2.5827	0	0.0059	2.5886	0.0896	0	-0.0437	0.046
1356	12.3	12.1	2.5828	0	0.0061	2.5889	0.093	0	-0.0426	0.0504
1357	12.2	12.1	2.5827	0	0.0061	2.5888	0.0948	0	-0.0406	0.0542
1358	12.1	12.1	2.581	0	0.006	2.587	0.1101	0	-0.0354	0.0747
1359	12.2	12.1	2.5801	0	0.0058	2.5859	0.1107	0	-0.0352	0.0755
1360	12.4	12.1	2.5801	0	0.0056	2.5857	0.1149	0	-0.0327	0.0821

1361	12.5	12.1	2.5804	0	0.0055	2.5859	0.1223	0	-0.0325	0.0899
1362	12.4	12	2.5807	0	0.0055	2.5861	0.1311	0	-0.0321	0.0989
1363	12.2	12	2.5807	0	0.0054	2.5861	0.1344	0	-0.0317	0.1028
1364	12.6	12	2.5803	0	0.0053	2.5856	0.1293	0	-0.0305	0.0988
1365	12	12	2.5804	0	0.0053	2.5857	0.1164	0	-0.0251	0.0913
1366	12.1	12	2.5812	0	0.0054	2.5866	0.106	0	-0.0214	0.0845
1367	11.8	12	2.5812	0	0.0055	2.5867	0.0992	0	-0.0193	0.0799
1368	11.7	12	2.5804	0	0.0055	2.5859	0.0944	0	-0.0172	0.0772
1369	11.8	12	2.5794	0	0.0055	2.5849	0.0968	0	-0.0108	0.086
1370	11.6	12	2.5785	0	0.0055	2.584	0.0977	0	-0.0057	0.0921
1371	11.4	12	2.5778	0	0.0054	2.5832	0.0884	0	0.0019	0.0903
1372	11.8	11.9	2.5772	0	0.0054	2.5826	0.0858	0	0.0012	0.087
1373	11.5	11.9	2.5758	0	0.0054	2.5811	0.0831	0	0.001	0.0841
1374	11.1	11.9	2.5742	0	0.0052	2.5794	0.0756	0	0.003	0.0786
1375	12.2	11.8	2.5736	0	0.0051	2.5787	0.0632	0	0.0033	0.0665
1376	12.3	11.9	2.5739	0	0.0049	2.5788	0.0538	0	-0.0002	0.0536
1377	12.1	11.9	2.5723	0	0.005	2.5772	0.0523	0	-0.0047	0.0477
1378	12.2	11.9	2.572	0	0.0053	2.5772	0.0535	0	-0.006	0.0475
1379	12.5	11.9	2.573	0	0.0055	2.5785	0.0494	0	-0.0057	0.0437
1380	12.2	12	2.5751	0	0.0053	2.5804	0.0514	0	-0.0041	0.0473
1381	11.8	12	2.5767	0	0.005	2.5817	0.0414	0	-0.0059	0.0355
1382	11.7	12	2.5761	0	0.0051	2.5811	0.0468	0	-0.0068	0.04
1383	11.5	12.1	2.5742	0	0.0059	2.5801	0.0406	0	-0.0063	0.0343
1384	11.9	12.2	2.5733	0	0.0076	2.5809	0.0282	0	-0.0083	0.0199
1385	12.3	12.1	2.5744	0	0.0074	2.5818	0.0217	0	-0.0089	0.0128
1386	12.8	12	2.5772	0	0.0076	2.5848	0.0186	0	-0.0111	0.0075
1387	11.7	12	2.5787	0	0.0077	2.5864	0.0103	0	-0.0143	-0.0039
1388	12.6	12	2.58	0	0.0079	2.5879	-0.0016	0	-0.016	-0.0176
1389	12.3	11.9	2.5814	0	0.0079	2.5893	-0.007	0	-0.0186	-0.0257
1390	11.9	11.9	2.5826	0	0.008	2.5906	-0.0117	0	-0.0199	-0.0316
1391	12.3	11.9	2.5832	0	0.0082	2.5914	-0.01	0	-0.019	-0.029
1392	12.6	11.9	2.5833	0	0.0083	2.5917	-0.0128	0	-0.0151	-0.0279
1393	12.3	11.9	2.5834	0	0.0084	2.5918	-0.0189	0	-0.0103	-0.0292
1394	11.5	11.8	2.5833	0	0.0084	2.5917	-0.0182	0	-0.0092	-0.0274
1395	11	11.8	2.5834	0	0.0084	2.5918	-0.0187	0	-0.011	-0.0297
1396	11.2	11.8	2.5836	0	0.0081	2.5917	-0.0232	0	-0.0122	-0.0354
1397	11.6	11.9	2.5835	0	0.0079	2.5914	-0.029	0	-0.0143	-0.0433

1398	11.1	11.8	2.5836	0	0.008	2.5916	-0.0437	0	-0.0142	-0.0579
1399	11.5	11.9	2.584	0	0.0079	2.5919	-0.0549	0	-0.0124	-0.0672
1400	11.9	11.9	2.5843	0	0.008	2.5923	-0.0709	0	-0.0124	-0.0833
1401	11.7	11.9	2.5847	0	0.0082	2.5928	-0.0804	0	-0.0134	-0.0938
1402	11.4	11.9	2.5851	0	0.0082	2.5932	-0.0852	0	-0.0183	-0.1035
1403	11.7	11.9	2.5854	0	0.0081	2.5935	-0.0869	0	-0.0213	-0.1082
1404	12.3	11.9	2.5855	0	0.0081	2.5936	-0.0867	0	-0.0216	-0.1084
1405	12.4	12	2.5856	0	0.0081	2.5937	-0.0841	0	-0.0184	-0.1025
1406	12.1	12	2.5855	0	0.0079	2.5934	-0.0796	0	-0.0131	-0.0928
1407	12.3	12.1	2.5839	0	0.0076	2.5915	-0.0725	0	-0.0111	-0.0836
1408	12.9	12.2	2.5839	0	0.0077	2.5916	-0.0679	0	-0.011	-0.0789
1409	12.7	12.2	2.5836	0	0.0077	2.5913	-0.0796	0	-0.0121	-0.0917
1410	12.1	12.3	2.5829	0	0.0078	2.5908	-0.0813	0	-0.013	-0.0943
1411	12.3	12.3	2.5821	0	0.0078	2.59	-0.0776	0	-0.0141	-0.0916
1412	12.3	12.4	2.5819	0	0.0079	2.5897	-0.0689	0	-0.0148	-0.0837
1413	12.4	12.4	2.5824	0	0.0076	2.5899	-0.0675	0	-0.0132	-0.0807
1414	12.2	12.3	2.5834	0	0.0071	2.5904	-0.0639	0	-0.0086	-0.0726
1415	12.1	12.2	2.5844	0	0.0069	2.5912	-0.0671	0	-0.0106	-0.0778
1416	13	12.2	2.5851	0	0.0068	2.5919	-0.0595	0	-0.0125	-0.0719
1417	12.7	12.1	2.5855	0	0.0066	2.5922	-0.0487	0	-0.0147	-0.0634
1418	12.2	12	2.5851	0	0.0061	2.5912	-0.0535	0	-0.0153	-0.0688
1419	13	12	2.5849	0	0.006	2.5909	-0.0671	0	-0.0154	-0.0826
1420	12	11.9	2.5858	0	0.0059	2.5917	-0.0823	0	-0.0167	-0.0991
1421	12.4	11.9	2.5863	0	0.006	2.5923	-0.0969	0	-0.019	-0.1159
1422	11.4	11.9	2.5867	0	0.006	2.5927	-0.1086	0	-0.0214	-0.13
1423	11	11.9	2.5873	0	0.0059	2.5932	-0.1245	0	-0.0227	-0.1472
1424	11.2	11.9	2.5879	0	0.0058	2.5938	-0.1395	0	-0.0203	-0.1598
1425	11.2	11.8	2.5884	0	0.0059	2.5944	-0.1498	0	-0.0157	-0.1655
1426	11	11.8	2.5885	0	0.0062	2.5947	-0.1547	0	-0.0151	-0.1698
1427	11.4	11.7	2.5884	0	0.0063	2.5947	-0.151	0	-0.0145	-0.1655
1428	11.8	11.6	2.5887	0	0.0062	2.5949	-0.1678	0	-0.0133	-0.181
1429	11	11.6	2.589	0	0.0061	2.5951	-0.1725	0	-0.0109	-0.1834
1430	12.4	11.5	2.5898	0	0.0062	2.596	-0.1616	0	-0.0072	-0.1688
1431	11.8	11.5	2.5897	0	0.0062	2.5959	-0.1388	0	-0.0041	-0.1429
1432	11.9	11.6	2.5901	0	0.0062	2.5963	-0.1223	0	-0.0031	-0.1254
1433	11.7	11.6	2.5905	0	0.0065	2.597	-0.13	0	-0.0017	-0.1317
1434	11.7	11.6	2.5905	0	0.0066	2.5972	-0.1513	0	0.0048	-0.1465

1435	11.6	11.6	2.5906	0	0.0067	2.5973	-0.1598	0	0.0198	-0.14
1436	11.5	11.6	2.5909	0	0.0068	2.5977	-0.1467	0	0.0171	-0.1296
1437	11.4	11.6	2.5913	0	0.0069	2.5982	-0.1193	0	0.0164	-0.103
1438	11.2	11.6	2.5915	0	0.0072	2.5986	-0.1015	0	0.0168	-0.0847
1439	11.9	11.6	2.5913	0	0.0074	2.5987	-0.0872	0	0.0192	-0.0679
1440	11.7	11.5	2.5911	0	0.0073	2.5984	-0.072	0	0.0171	-0.0549
1441	12.1	11.4	2.591	0	0.0072	2.5982	-0.059	0	0.017	-0.0419
1442	11.4	11.3	2.5913	0	0.0069	2.5982	-0.0497	0	0.0192	-0.0304
1443	11.5	11.3	2.5909	0	0.0068	2.5978	-0.0431	0	0.0196	-0.0235
1444	11.8	11.3	2.5907	0	0.0069	2.5976	-0.0407	0	0.0211	-0.0196
1445	11.5	11.3	2.5907	0	0.0071	2.5977	-0.0378	0	0.022	-0.0158
1446	11.2	11.3	2.5909	0	0.007	2.5979	-0.0358	0	0.0217	-0.0142
1447	11	11.3	2.5914	0	0.0068	2.5982	-0.0357	0	0.019	-0.0167
1448	10.7	11.3	2.5919	0	0.0067	2.5987	-0.0385	0	0.0195	-0.019
1449	10.3	11.3	2.5923	0	0.0068	2.5991	-0.0361	0	0.0222	-0.0139
1450	10.2	11.3	2.5921	0	0.0069	2.5991	-0.0307	0	0.0211	-0.0097
1451	11.1	11.3	2.5917	0	0.0073	2.599	-0.0266	0	0.0203	-0.0063
1452	11	11.3	2.5913	0	0.0075	2.5988	-0.0226	0	0.0201	-0.0025
1453	11.4	11.3	2.5911	0	0.0075	2.5986	-0.0179	0	0.0205	0.0026
1454	11	11.3	2.5909	0	0.0074	2.5982	-0.0109	0	0.0232	0.0123
1455	11.3	11.4	2.5907	0	0.0072	2.5979	-0.0047	0	0.0273	0.0226
1456	12	11.4	2.5901	0	0.0072	2.5973	-0.0036	0	0.0287	0.0251
1457	12	11.5	2.5895	0	0.0072	2.5967	-0.0019	0	0.0277	0.0258
1458	11.8	11.5	2.589	0	0.0072	2.5962	-0.0198	0	0.0232	0.0035
1459	11.9	11.6	2.5882	0	0.0071	2.5953	-0.0272	0	0.0207	-0.0064
1460	11.6	11.7	2.5879	0	0.007	2.5949	-0.0366	0	0.0178	-0.0188
1461	11.7	11.8	2.5873	0	0.007	2.5943	-0.0437	0	0.0178	-0.0258
1462	11.4	11.8	2.5874	0	0.0068	2.5942	-0.0487	0	0.0174	-0.0313
1463	12.2	11.9	2.5871	0	0.0063	2.5934	-0.0513	0	0.0157	-0.0355
1464	12.4	11.9	2.587	0	0.0064	2.5934	-0.0483	0	0.0093	-0.039
1465	12.4	11.9	2.5863	0	0.0065	2.5929	-0.0371	0	0.0013	-0.0358
1466	11.9	11.9	2.5861	0	0.0069	2.593	-0.0232	0	-0.0021	-0.0253
1467	11.6	11.9	2.5865	0	0.007	2.5935	-0.0141	0	-0.0021	-0.0162
1468	11.7	11.9	2.5871	0	0.007	2.5942	-0.0046	0	-0.0028	-0.0074
1469	12.1	11.9	2.5877	0	0.0072	2.5948	-0.0045	0	-0.008	-0.0126
1470	12.5	12	2.5882	0	0.0074	2.5956	0.0013	0	-0.009	-0.0076
1471	12	11.9	2.5887	0	0.0075	2.5962	0.0139	0	-0.0099	0.004

1472	12.1	12	2.5896	0	0.0077	2.5973	0.0174	0	-0.0092	0.0082
1473	11.9	11.9	2.5897	0	0.0074	2.5971	0.0221	0	-0.0085	0.0136
1474	11.6	11.9	2.5892	0	0.0068	2.5959	0.0326	0	-0.009	0.0236
1475	11.8	11.9	2.5891	0	0.0066	2.5957	0.0465	0	-0.0109	0.0357
1476	11.8	11.8	2.589	0	0.0064	2.5953	0.0563	0	-0.0107	0.0455
1477	11.7	11.8	2.589	0	0.0063	2.5953	0.0572	0	-0.0083	0.0488
1478	12.3	11.8	2.5892	0	0.0064	2.5956	0.0573	0	-0.0072	0.0501
1479	12.2	11.7	2.5892	0	0.0062	2.5954	0.0643	0	-0.0072	0.0571
1480	11.5	11.7	2.589	0	0.0057	2.5947	0.0719	0	-0.0098	0.0622
1481	11.5	11.7	2.5889	0	0.0053	2.5942	0.0879	0	-0.0106	0.0773
1482	11.5	11.6	2.5891	0	0.0052	2.5943	0.0891	0	-0.0096	0.0796
1483	12.1	11.6	2.5893	0	0.0054	2.5947	0.0955	0	-0.0077	0.0877
1484	11.6	11.6	2.5893	0	0.0056	2.5949	0.1002	0	-0.0024	0.0978
1485	11.2	11.6	2.5891	0	0.0057	2.5948	0.1004	0	0.0007	0.1011
1486	11.4	11.6	2.5891	0	0.0059	2.595	0.1052	0	0.0013	0.1064
1487	11.2	11.6	2.5889	0	0.006	2.5949	0.116	0	-0.0015	0.1145
1488	11.1	11.5	2.5887	0	0.006	2.5947	0.1191	0	-0.0022	0.1169
1489	11.4	11.4	2.5886	0	0.0062	2.5948	0.1168	0	-0.0002	0.1166
1490	11.8	11.4	2.5885	0	0.0063	2.5948	0.1177	0	0.0039	0.1216
1491	11.6	11.4	2.5882	0	0.0063	2.5944	0.1151	0	0.0057	0.1208
1492	11.3	11.4	2.5877	0	0.0064	2.594	0.1237	0	0.0059	0.1296
1493	11.6	11.3	2.5874	0	0.0063	2.5937	0.1314	0	0.002	0.1334
1494	11.8	11.3	2.5871	0	0.0062	2.5933	0.1356	0	-0.0004	0.1352
1495	11.6	11.3	2.587	0	0.0062	2.5932	0.1394	0	0.0003	0.1397
1496	10.8	11.3	2.5872	0	0.0062	2.5934	0.1456	0	0.0029	0.1485
1497	11.1	11.4	2.5874	0	0.006	2.5933	0.156	0	0.0044	0.1604
1498	11.1	11.4	2.5872	0	0.0058	2.593	0.1668	0	0.0028	0.1696
1499	11.3	11.4	2.587	0	0.0058	2.5929	0.174	0	0.0004	0.1744
1500	11.1	11.4	2.5869	0	0.006	2.593	0.1811	0	0.0022	0.1833
1501	10.9	11.4	2.5869	0	0.0061	2.5931	0.1843	0	0.0034	0.1877
1502	11.4	11.4	2.5869	0	0.0061	2.593	0.1791	0	0.007	0.1861
1503	11.4	11.4	2.5865	0	0.0058	2.5922	0.1785	0	0.0073	0.1857
1504	11	11.5	2.586	0	0.0054	2.5914	0.1815	0	0.0056	0.1871
1505	11.4	11.5	2.586	0	0.0052	2.5912	0.1832	0	0.0053	0.1886
1506	11.9	11.5	2.5857	0	0.0051	2.5908	0.1827	0	0.0028	0.1856
1507	11.8	11.5	2.5859	0	0.0053	2.5912	0.1777	0	-0.0004	0.1773
1508	11.8	11.5	2.5866	0	0.0056	2.5922	0.1753	0	-0.0007	0.1746

1509	12.1	11.5	2.5872	0	0.0059	2.5931	0.175	0	-0.0001	0.1748
1510	11.5	11.5	2.5873	0	0.0061	2.5933	0.1739	0	-0.0004	0.1735
1511	11.4	11.5	2.587	0	0.0061	2.5931	0.1687	0	-0.002	0.1667
1512	11.8	11.5	2.587	0	0.0063	2.5933	0.164	0	-0.004	0.16
1513	12.1	11.5	2.5872	0	0.0066	2.5938	0.165	0	-0.0069	0.1581
1514	12.1	11.4	2.5871	0	0.007	2.594	0.1747	0	-0.011	0.1637
1515	11.5	11.4	2.5867	0	0.0071	2.5938	0.1788	0	-0.0087	0.1701
1516	10.7	11.4	2.5865	0	0.007	2.5935	0.1724	0	-0.0065	0.1659
1517	11.5	11.4	2.586	0	0.0069	2.5929	0.1686	0	-0.0044	0.1642
1518	10.7	11.3	2.5855	0	0.0069	2.5924	0.1698	0	-0.0036	0.1662
1519	11	11.3	2.5848	0	0.0069	2.5917	0.1724	0	-0.0023	0.1701
1520	11.7	11.3	2.5844	0	0.0069	2.5913	0.1763	0	-0.0005	0.1758
1521	11.2	11.3	2.5846	0	0.0069	2.5915	0.1854	0	0.0004	0.1858
1522	10.5	11.4	2.5845	0	0.0068	2.5914	0.193	0	0.0014	0.1944
1523	10.6	11.4	2.584	0	0.0068	2.5908	0.2067	0	0.0036	0.2103
1524	11	11.4	2.5833	0	0.0069	2.5902	0.2105	0	0.0002	0.2107
1525	11.1	11.5	2.5828	0	0.007	2.5898	0.2099	0	-0.0086	0.2014
1526	11.2	11.6	2.5828	0	0.007	2.5898	0.2161	0	-0.0102	0.206
1527	11.3	11.6	2.5827	0	0.007	2.5897	0.2208	0	-0.0127	0.2081
1528	11.3	11.7	2.5823	0	0.0069	2.5892	0.227	0	-0.0131	0.2139
1529	11.7	11.8	2.5818	0	0.0071	2.5888	0.2393	0	-0.0118	0.2275
1530	12.2	11.8	2.581	0	0.0073	2.5882	0.2502	0	-0.0137	0.2364
1531	12.7	11.9	2.5808	0	0.0072	2.588	0.2436	0	-0.0172	0.2264
1532	12.6	11.9	2.5805	0	0.007	2.5875	0.2436	0	-0.0209	0.2226
1533	12.5	12	2.5805	0	0.0068	2.5872	0.2376	0	-0.0176	0.22
1534	12.4	12.1	2.5805	0	0.0066	2.5871	0.2418	0	-0.0158	0.226
1535	12.4	12.1	2.5801	0	0.0066	2.5867	0.2354	0	-0.014	0.2214
1536	12.8	12.1	2.5793	0	0.007	2.5863	0.2336	0	-0.0123	0.2213
1537	12.6	12.2	2.5794	0	0.0071	2.5865	0.2346	0	-0.0095	0.2251
1538	12.5	12.2	2.5798	0	0.0072	2.587	0.2311	0	-0.0101	0.221
1539	12.1	12.2	2.5795	0	0.007	2.5865	0.23	0	-0.011	0.219
1540	12.1	12.2	2.5796	0	0.0067	2.5863	0.2335	0	-0.0084	0.2251
1541	11.9	12.1	2.5786	0	0.0066	2.5853	0.2351	0	-0.0075	0.2276
1542	12.1	12.1	2.5781	0	0.0067	2.5849	0.2325	0	-0.0095	0.223
1543	11.9	12.1	2.5774	0	0.0069	2.5842	0.2321	0	-0.0089	0.2232
1544	11.7	12	2.5767	0	0.0069	2.5836	0.2354	0	-0.0072	0.2283
1545	11.7	12	2.5761	0	0.0068	2.5829	0.2329	0	-0.0098	0.223

1546	11.8	11.9	2.5753	0	0.0066	2.5819	0.2345	0	-0.0117	0.2229
1547	11.8	11.8	2.5747	0	0.0065	2.5812	0.2515	0	-0.0113	0.2402
1548	11.8	11.7	2.5745	0	0.0067	2.5812	0.2643	0	-0.0127	0.2516
1549	12.2	11.7	2.5742	0	0.0066	2.5808	0.2627	0	-0.0138	0.2489
1550	11.5	11.6	2.5737	0	0.0066	2.5803	0.2525	0	-0.0124	0.2402
1551	11.8	11.6	2.5738	0	0.0066	2.5804	0.2383	0	-0.0104	0.2279
1552	12.2	11.6	2.5735	0	0.0068	2.5802	0.2277	0	-0.0096	0.2181
1553	11.5	11.6	2.573	0	0.0069	2.5799	0.2266	0	-0.0098	0.2168
1554	11.3	11.7	2.5726	0	0.0068	2.5794	0.2176	0	-0.0123	0.2054
1555	11.1	11.7	2.5724	0	0.007	2.5794	0.213	0	-0.0173	0.1957
1556	11	11.7	2.5723	0	0.0072	2.5795	0.2173	0	-0.0191	0.1983
1557	11.2	11.7	2.572	0	0.0073	2.5792	0.2191	0	-0.02	0.1991
1558	11	11.8	2.5715	0	0.0072	2.5787	0.2268	0	-0.0182	0.2086
1559	11.2	11.8	2.5708	0	0.0071	2.5779	0.2418	0	-0.0161	0.2258
1560	12	11.8	2.571	0	0.0072	2.5782	0.254	0	-0.0138	0.2402
1561	12.5	11.8	2.5709	0	0.0074	2.5783	0.2584	0	-0.0115	0.2469
1562	11.9	11.8	2.5709	0	0.0075	2.5784	0.2575	0	-0.0094	0.2481
1563	12.1	11.9	2.5697	0	0.0074	2.577	0.2576	0	-0.0065	0.2511
1564	12	11.9	2.5691	0	0.0072	2.5764	0.2644	0	-0.0045	0.2599
1565	12	12	2.5691	0	0.0072	2.5763	0.2684	0	-0.0005	0.2679
1566	12.3	12	2.5692	0	0.0073	2.5765	0.2631	0	0.0008	0.2639
1567	12.6	12.1	2.5695	0	0.0074	2.5769	0.2781	0	-0.0008	0.2773
1568	12.5	12.1	2.5699	0	0.0073	2.5772	0.2903	0	-0.002	0.2883
1569	12.2	12.2	2.57	0	0.0072	2.5772	0.3056	0	-0.0005	0.3051
1570	12.4	12.2	2.5697	0	0.0073	2.577	0.3096	0	0.0014	0.311
1571	12.3	12.2	2.5694	0	0.0074	2.5768	0.3027	0	0.0023	0.305
1572	12.7	12.2	2.5689	0	0.0073	2.5763	0.2995	0	0.0034	0.3029
1573	11.7	12.2	2.5687	0	0.0074	2.576	0.2903	0	0.0045	0.2949
1574	11.9	12.3	2.5682	0	0.0076	2.5758	0.284	0	0.0054	0.2894
1575	12.2	12.3	2.5675	0	0.0076	2.5751	0.274	0	0.0029	0.2769
1576	12.2	12.3	2.5669	0	0.0077	2.5745	0.2653	0	0.003	0.2683
1577	11.9	12.2	2.5663	0	0.0076	2.5739	0.2576	0	0.0036	0.2612
1578	12.2	12.2	2.5653	0	0.0075	2.5728	0.2522	0	0.0024	0.2545
1579	12.8	12.2	2.5642	0	0.0075	2.5717	0.2435	0	0.0004	0.2439
1580	11.8	12.2	2.5647	0	0.0074	2.5721	0.2302	0	0.0037	0.2338
1581	11.8	12.1	2.5646	0	0.0074	2.5719	0.2187	0	0.0073	0.226
1582	12.9	12.1	2.5653	0	0.007	2.5723	0.2168	0	0.0046	0.2214

1583	12.8	12.1	2.5651	0	0.007	2.5721	0.2107	0	0.0027	0.2134
1584	12.1	12.1	2.5658	0	0.007	2.5728	0.2087	0	-0.0007	0.208
1585	11.8	12.1	2.5658	0	0.0069	2.5727	0.2104	0	-0.004	0.2064
1586	11.9	12.1	2.5656	0	0.0069	2.5725	0.2068	0	-0.0048	0.202
1587	12	12	2.5658	0	0.007	2.5728	0.1985	0	-0.001	0.1975
1588	12	12	2.5657	0	0.0071	2.5728	0.1978	0	0.0008	0.1986
1589	11.9	11.9	2.5653	0	0.0071	2.5723	0.2002	0	0.0006	0.2009
1590	11.7	11.9	2.565	0	0.0071	2.5721	0.1994	0	-0.0017	0.1977
1591	11.7	11.9	2.5649	0	0.0072	2.5721	0.2029	0	-0.0027	0.2002
1592	11.9	11.8	2.5644	0	0.0073	2.5717	0.1943	0	-0.0038	0.1904
1593	12.2	11.7	2.5639	0	0.007	2.5709	0.1998	0	-0.0034	0.1964
1594	11.5	11.7	2.5638	0	0.0072	2.571	0.194	0	-0.0024	0.1916
1595	11.9	11.7	2.5636	0	0.0074	2.5709	0.1886	0	-0.0001	0.1885
1596	11.5	11.7	2.562	0	0.0073	2.5694	0.1808	0	-0.0003	0.1805
1597	10.9	11.7	2.5609	0	0.0072	2.5682	0.1692	0	-0.0036	0.1655
1598	11.1	11.6	2.5609	0	0.0071	2.5681	0.1591	0	-0.0052	0.1539
1599	11.8	11.6	2.5618	0	0.0071	2.5688	0.1532	0	-0.0029	0.1503
1600	11.9	11.6	2.5631	0	0.007	2.5702	0.1457	0	-0.0029	0.1429
1601	11.5	11.6	2.5642	0	0.0071	2.5713	0.1411	0	-0.0019	0.1392
1602	11	11.6	2.5642	0	0.0071	2.5713	0.14	0	-0.0001	0.1399
1603	11.3	11.6	2.5647	0	0.007	2.5717	0.1438	0	0.0033	0.1471
1604	11.7	11.6	2.5647	0	0.0071	2.5718	0.1391	0	0.0046	0.1437
1605	11.8	11.6	2.5642	0	0.0071	2.5713	0.1367	0	0.0039	0.1406
1606	12	11.6	2.5638	0	0.0071	2.5709	0.1372	0	0.0079	0.1451
1607	11.8	11.6	2.5632	0	0.0071	2.5703	0.1403	0	0.0114	0.1517
1608	11.5	11.7	2.5624	0	0.0072	2.5697	0.1383	0	0.0107	0.149
1609	11.5	11.6	2.5618	0	0.0073	2.5691	0.128	0	0.0094	0.1375
1610	11.7	11.6	2.5614	0	0.0072	2.5686	0.1168	0	0.0079	0.1247
1611	11.9	11.6	2.5612	0	0.007	2.5683	0.1178	0	0.0079	0.1257
1612	12	11.7	2.5612	0	0.0069	2.5682	0.1217	0	0.0088	0.1305
1613	12.3	11.7	2.5608	0	0.0071	2.5679	0.1134	0	0.0079	0.1213
1614	11.4	11.7	2.5602	0	0.007	2.5672	0.0971	0	0.0031	0.1003
1615	11.6	11.7	2.5604	0	0.007	2.5674	0.0891	0	0.0021	0.0912
1616	11.6	11.7	2.5587	0	0.0071	2.5658	0.0913	0	0.004	0.0954
1617	11.3	11.7	2.557	0	0.0071	2.5641	0.0932	0	0.0048	0.098
1618	11.4	11.7	2.555	0	0.007	2.5619	0.0969	0	0.0051	0.102
1619	11.7	11.7	2.5538	0	0.0068	2.5606	0.1018	0	0.0047	0.1066

1620	11.8	11.7	2.5541	0	0.0067	2.5608	0.1032	0	0.0047	0.108
1621	11.8	11.7	2.5546	0	0.0066	2.5612	0.1006	0	0.0071	0.1077
1622	11.4	11.7	2.5555	0	0.0064	2.5619	0.1025	0	0.0081	0.1106
1623	12.2	11.7	2.5556	0	0.0063	2.5619	0.1043	0	0.0081	0.1123
1624	11.9	11.6	2.5559	0	0.0066	2.5625	0.1068	0	0.0088	0.1157
1625	11.8	11.6	2.5563	0	0.0067	2.563	0.1183	0	0.0104	0.1287
1626	12	11.6	2.557	0	0.0066	2.5637	0.1193	0	0.0097	0.129
1627	11.8	11.6	2.5575	0	0.0068	2.5642	0.1159	0	0.009	0.1249
1628	11.6	11.6	2.558	0	0.0069	2.5648	0.1168	0	0.0091	0.1259
1629	11.7	11.6	2.5587	0	0.0067	2.5655	0.1146	0	0.009	0.1236
1630	11.7	11.6	2.5591	0	0.0065	2.5656	0.1079	0	0.0085	0.1164
1631	11.5	11.5	2.5591	0	0.0067	2.5658	0.112	0	0.0075	0.1194
1632	11.4	11.5	2.5595	0	0.0067	2.5662	0.1089	0	0.0089	0.1178
1633	11.3	11.5	2.5596	0	0.0069	2.5664	0.1171	0	0.007	0.1242
1634	11.3	11.4	2.5595	0	0.007	2.5664	0.118	0	0.008	0.126
1635	11.2	11.4	2.5594	0	0.0071	2.5665	0.1246	0	0.0063	0.1309
1636	11.3	11.4	2.5594	0	0.0071	2.5665	0.1216	0	0.0053	0.1268
1637	11.5	11.3	2.5596	0	0.007	2.5666	0.12	0	0.0044	0.1244
1638	11.5	11.3	2.5598	0	0.0071	2.5669	0.1205	0	0.0057	0.1262
1639	11.2	11.3	2.5596	0	0.0072	2.5667	0.1173	0	0.0065	0.1238
1640	10.9	11.4	2.5593	0	0.007	2.5663	0.1111	0	0.0052	0.1164
1641	11	11.4	2.5592	0	0.007	2.5662	0.1074	0	0.0048	0.1123
1642	11.3	11.4	2.5581	0	0.0071	2.5652	0.1054	0	0.0076	0.113
1643	11.1	11.5	2.558	0	0.0071	2.5651	0.1023	0	0.0097	0.112
1644	11.4	11.5	2.5579	0	0.0069	2.5648	0.095	0	0.007	0.1021
1645	11.3	11.5	2.558	0	0.0068	2.5648	0.0959	0	0.0106	0.1065
1646	11.1	11.6	2.5584	0	0.0069	2.5653	0.0895	0	0.0142	0.1038
1647	11.4	11.6	2.5588	0	0.0071	2.5658	0.0811	0	0.015	0.096
1648	12	11.6	2.5592	0	0.007	2.5662	0.0881	0	0.015	0.103
1649	12.5	11.6	2.5596	0	0.0069	2.5665	0.0941	0	0.0139	0.108
1650	12	11.6	2.5596	0	0.0068	2.5664	0.0968	0	0.0125	0.1094
1651	12.1	11.6	2.5598	0	0.0066	2.5664	0.1027	0	0.0124	0.1151
1652	11.9	11.6	2.5591	0	0.0064	2.5655	0.1057	0	0.013	0.1187
1653	11.6	11.7	2.5591	0	0.0065	2.5656	0.1026	0	0.0128	0.1154
1654	12	11.7	2.5589	0	0.0064	2.5653	0.105	0	0.0122	0.1172
1655	12	11.7	2.5587	0	0.0062	2.5648	0.105	0	0.014	0.1189
1656	11.5	11.7	2.5582	0	0.0061	2.5643	0.0979	0	0.0149	0.1127

1657	11.4	11.7	2.5581	0	0.0062	2.5643	0.0891	0	0.015	0.1041
1658	11.6	11.6	2.5587	0	0.0062	2.5649	0.08	0	0.0143	0.0943
1659	11.5	11.6	2.5591	0	0.0063	2.5655	0.0673	0	0.0153	0.0825
1660	11.5	11.5	2.5592	0	0.0064	2.5656	0.0583	0	0.0146	0.0729
1661	11.1	11.5	2.5587	0	0.0065	2.5652	0.0551	0	0.0125	0.0676
1662	12	11.5	2.5596	0	0.0067	2.5662	0.0549	0	0.012	0.0669
1663	11.4	11.5	2.5599	0	0.007	2.567	0.0558	0	0.0121	0.0679
1664	11.7	11.5	2.5602	0	0.007	2.5673	0.0495	0	0.0129	0.0624
1665	11.5	11.4	2.56	0	0.0068	2.5668	0.0432	0	0.012	0.0552
1666	11.1	11.4	2.5599	0	0.0068	2.5667	0.0438	0	0.0092	0.053
1667	11	11.4	2.5599	0	0.0069	2.5667	0.0247	0	0.0106	0.0353
1668	11.2	11.3	2.5597	0	0.0068	2.5665	0.0074	0	0.0087	0.0161
1669	11.3	11.3	2.5597	0	0.0067	2.5664	-0.0135	0	0.0052	-0.0083
1670	11.2	11.3	2.5596	0	0.0066	2.5662	-0.0253	0	0.0032	-0.0221
1671	11.3	11.3	2.5591	0	0.0066	2.5657	-0.0213	0	0.0037	-0.0177
1672	12	11.3	2.5585	0	0.0065	2.565	-0.016	0	0.0036	-0.0124
1673	11.5	11.4	2.558	0	0.0065	2.5645	-0.0054	0	0.0022	-0.0032
1674	11	11.5	2.5563	0	0.0066	2.5629	-0.0004	0	0.0022	0.0019
1675	11.1	11.5	2.5556	0	0.0067	2.5622	0.0049	0	0.0067	0.0116
1676	11.2	11.5	2.5553	0	0.0068	2.562	0.0116	0	0.0091	0.0206
1677	11.1	11.6	2.5547	0	0.0067	2.5614	0.0155	0	0.0102	0.0258
1678	11.1	11.7	2.5538	0	0.0066	2.5605	0.017	0	0.0107	0.0277
1679	11	11.8	2.5534	0	0.0067	2.5601	0.023	0	0.0131	0.0361
1680	11.3	11.9	2.5535	0	0.0067	2.5601	0.0327	0	0.0109	0.0436
1681	12.5	11.9	2.5537	0	0.0065	2.5602	0.0359	0	0.0089	0.0448
1682	12.9	11.9	2.5536	0	0.0063	2.5599	0.0352	0	0.0114	0.0466
1683	12.7	11.9	2.5533	0	0.0062	2.5595	0.0391	0	0.012	0.0511
1684	12.1	12	2.5533	0	0.0064	2.5597	0.04	0	0.0131	0.0531
1685	12.1	12	2.5536	0	0.0064	2.56	0.0347	0	0.0125	0.0472
1686	12.5	12	2.5536	0	0.0065	2.5601	0.0247	0	0.0127	0.0374
1687	13	12.1	2.5537	0	0.0064	2.5602	0.0215	0	0.0145	0.036
1688	12.9	12.2	2.5539	0	0.0064	2.5604	0.0266	0	0.0135	0.0401
1689	12.5	12.2	2.5541	0	0.0065	2.5607	0.0253	0	0.011	0.0364
1690	12.2	12.3	2.5543	0	0.0066	2.5608	0.0226	0	0.0086	0.0312
1691	11.7	12.2	2.5544	0	0.0065	2.5608	0.02	0	0.0066	0.0266
1692	11.8	12.2	2.5542	0	0.0063	2.5605	0.0211	0	0.007	0.0281
1693	11.4	12.1	2.5544	0	0.0063	2.5607	0.012	0	0.0058	0.0178

1694	11.9	12.1	2.5542	0	0.0061	2.5603	0.0109	0	0.0039	0.0148
1695	12.1	12.1	2.5546	0	0.0059	2.5605	0.0134	0	0.0041	0.0174
1696	12.2	12	2.5539	0	0.0058	2.5598	0.0173	0	0.0028	0.02
1697	12.3	11.9	2.5521	0	0.0057	2.5579	0.0218	0	0.0023	0.0241
1698	12.5	11.8	2.5515	0	0.0058	2.5573	0.0348	0	0.0037	0.0385
1699	12	11.8	2.5521	0	0.0058	2.5579	0.05	0	0.0028	0.0528
1700	11.4	11.8	2.5528	0	0.0058	2.5586	0.0575	0	0.0019	0.0593
1701	11.6	11.8	2.5536	0	0.0058	2.5594	0.0613	0	0.0003	0.0616
1702	11.8	11.7	2.554	0	0.0058	2.5598	0.066	0	-0.0019	0.0641
1703	12.2	11.7	2.5542	0	0.0058	2.56	0.0609	0	-0.0047	0.0563
1704	11.2	11.7	2.5542	0	0.0057	2.5599	0.0614	0	-0.0048	0.0566
1705	11.6	11.7	2.5545	0	0.0056	2.5601	0.0617	0	-0.0047	0.057
1706	11.5	11.6	2.5549	0	0.0056	2.5605	0.0681	0	-0.0074	0.0607
1707	11.1	11.6	2.5552	0	0.0057	2.5609	0.0697	0	-0.0079	0.0619
1708	11.6	11.5	2.5557	0	0.0057	2.5614	0.0716	0	-0.006	0.0656
1709	11.8	11.5	2.556	0	0.0058	2.5618	0.088	0	-0.0057	0.0823
1710	11.4	11.5	2.5559	0	0.006	2.5619	0.1018	0	-0.0048	0.097
1711	11.1	11.4	2.5557	0	0.0058	2.5616	0.1122	0	-0.0039	0.1083
1712	11.1	11.4	2.5556	0	0.0057	2.5614	0.1193	0	-0.0023	0.117
1713	11.9	11.4	2.5558	0	0.0058	2.5616	0.1447	0	-0.0006	0.1441
1714	11.2	11.4	2.5559	0	0.0058	2.5617	0.164	0	0.0028	0.1668
1715	11	11.3	2.556	0	0.0061	2.5621	0.1732	0	0.0039	0.1771
1716	11.7	11.3	2.5563	0	0.006	2.5623	0.1742	0	0.0028	0.1769
1717	11.3	11.3	2.5562	0	0.0062	2.5625	0.1787	0	0.002	0.1807
1718	11.7	11.3	2.5563	0	0.0064	2.5628	0.1743	0	0.0016	0.1758
1719	11.4	11.4	2.5563	0	0.0064	2.5628	0.1563	0	0.0029	0.1592
1720	11	11.4	2.5563	0	0.0063	2.5626	0.1402	0	0.0041	0.1442
1721	11.1	11.4	2.5562	0	0.0062	2.5624	0.1269	0	0.0063	0.1331
1722	11.2	11.5	2.556	0	0.0062	2.5622	0.1105	0	0.0063	0.1168
1723	11.1	11.4	2.5556	0	0.0061	2.5617	0.0912	0	0.0032	0.0944
1724	11.4	11.5	2.5554	0	0.006	2.5613	0.0729	0	0.0012	0.0741
1725	10.9	11.5	2.5551	0	0.0058	2.5609	0.0495	0	0.0003	0.0499
1726	10.9	11.5	2.5555	0	0.0056	2.5611	0.0431	0	0.0038	0.0468
1727	12.2	11.5	2.5558	0	0.0057	2.5614	0.0448	0	0.0056	0.0504
1728	12.3	11.5	2.5557	0	0.0056	2.5612	0.0349	0	0.0059	0.0408
1729	11.7	11.5	2.5555	0	0.0056	2.5611	0.0294	0	0.0046	0.034
1730	11.9	11.5	2.5555	0	0.0056	2.5612	0.0303	0	0.0057	0.0361

1731	11.9	11.6	2.5556	0	0.0056	2.5612	0.0346	0	0.0062	0.0408
1732	11.3	11.6	2.5556	0	0.0055	2.5611	0.0395	0	0.0047	0.0442
1733	11.6	11.6	2.5556	0	0.0056	2.5611	0.0412	0	0.003	0.0442
1734	12.1	11.6	2.556	0	0.0057	2.5617	0.0416	0	0.0017	0.0433
1735	11.1	11.6	2.5569	0	0.0058	2.5627	0.0454	0	0.0022	0.0475
1736	11.2	11.6	2.5573	0	0.0056	2.5629	0.053	0	0.0008	0.0538
1737	11.6	11.5	2.5569	0	0.0057	2.5626	0.0584	0	0.0004	0.0588
1738	11.8	11.5	2.5572	0	0.006	2.5632	0.0601	0	-0.0025	0.0576
1739	11.8	11.5	2.5573	0	0.0063	2.5636	0.0687	0	-0.0043	0.0644
1740	12	11.5	2.5573	0	0.0063	2.5636	0.0843	0	-0.0012	0.0831
1741	12.1	11.4	2.5571	0	0.0063	2.5634	0.0913	0	0.0011	0.0924
1742	11.4	11.4	2.5569	0	0.0065	2.5634	0.0959	0	-0.0005	0.0954
1743	10.6	11.4	2.5569	0	0.0067	2.5636	0.0966	0	-0.0035	0.0931
1744	10.7	11.4	2.5565	0	0.0065	2.563	0.103	0	-0.004	0.099
1745	10.5	11.4	2.5563	0	0.0065	2.5628	0.1085	0	-0.0052	0.1033
1746	11.5	11.5	2.5562	0	0.0067	2.5629	0.112	0	-0.0056	0.1065
1747	11.4	11.5	2.5553	0	0.0067	2.562	0.1014	0	-0.0069	0.0945
1748	11.5	11.5	2.5542	0	0.0067	2.5609	0.0852	0	-0.0096	0.0756
1749	11.8	11.5	2.5539	0	0.0067	2.5606	0.0755	0	-0.0086	0.0669
1750	10.8	11.5	2.5535	0	0.0068	2.5602	0.0802	0	-0.0088	0.0714
1751	11.2	11.5	2.5532	0	0.0068	2.56	0.0846	0	-0.0097	0.0748
1752	12	11.5	2.553	0	0.0069	2.5599	0.0931	0	-0.0098	0.0832
1753	11.6	11.6	2.5529	0	0.007	2.5599	0.0975	0	-0.0099	0.0876
1754	11.4	11.7	2.5527	0	0.0069	2.5596	0.1011	0	-0.0101	0.091
1755	12.2	11.8	2.5519	0	0.0069	2.5588	0.1022	0	-0.0111	0.091
1756	12.4	11.9	2.5513	0	0.0069	2.5582	0.106	0	-0.0122	0.0938
1757	12.1	11.9	2.551	0	0.0068	2.5578	0.1116	0	-0.0125	0.0991
1758	11.5	11.9	2.5499	0	0.0068	2.5567	0.1162	0	-0.0119	0.1043
1759	12.4	11.9	2.549	0	0.0068	2.5558	0.123	0	-0.0117	0.1113
1760	11.8	12	2.548	0	0.0068	2.5548	0.1276	0	-0.0102	0.1174
1761	11.7	12.1	2.5468	0	0.0067	2.5535	0.1281	0	-0.009	0.1191
1762	12.2	12.1	2.5451	0	0.0067	2.5518	0.1275	0	-0.0105	0.1171
1763	12.7	12.1	2.5435	0	0.0068	2.5503	0.1278	0	-0.012	0.1159
1764	12.6	12.2	2.5429	0	0.0066	2.5495	0.1313	0	-0.0112	0.1201
1765	12	12.2	2.5425	0	0.0065	2.5491	0.1339	0	-0.0112	0.1226
1766	11.8	12.2	2.542	0	0.0066	2.5487	0.1365	0	-0.0082	0.1284
1767	12.2	12.2	2.5424	0	0.0067	2.5491	0.1412	0	-0.009	0.1322

1768	11.9	12.1	2.5441	0	0.0065	2.5506	0.1426	0	-0.0066	0.136
1769	12.7	12.1	2.5457	0	0.0063	2.552	0.1456	0	-0.0041	0.1415
1770	12	12.1	2.5469	0	0.006	2.5529	0.1476	0	-0.0041	0.1435
1771	12.1	12.1	2.5481	0	0.006	2.5541	0.1483	0	-0.0059	0.1424
1772	12.5	12	2.5494	0	0.0062	2.5556	0.1495	0	-0.0072	0.1422
1773	12.3	12	2.5507	0	0.0064	2.5571	0.1495	0	-0.0077	0.1417
1774	12.3	11.9	2.5514	0	0.0065	2.5579	0.146	0	-0.009	0.137
1775	12.5	11.8	2.5513	0	0.0063	2.5575	0.1444	0	-0.0105	0.1339
1776	11.9	11.8	2.5508	0	0.0062	2.557	0.143	0	-0.0131	0.1299
1777	11.3	11.7	2.5512	0	0.0061	2.5573	0.1497	0	-0.0157	0.1341
1778	11.8	11.7	2.5509	0	0.0062	2.5571	0.1556	0	-0.0149	0.1407
1779	12.1	11.6	2.5504	0	0.0061	2.5565	0.1564	0	-0.017	0.1394
1780	11.3	11.5	2.55	0	0.006	2.556	0.1561	0	-0.0161	0.14
1781	11.1	11.4	2.5497	0	0.006	2.5557	0.1588	0	-0.0161	0.1427
1782	11.3	11.3	2.5495	0	0.006	2.5555	0.1625	0	-0.0176	0.1448
1783	11.1	11.2	2.5492	0	0.006	2.5552	0.1643	0	-0.0187	0.1456
1784	10.9	11.1	2.5488	0	0.0062	2.5549	0.167	0	-0.0182	0.1488
1785	10.9	11.1	2.5483	0	0.0063	2.5546	0.1758	0	-0.016	0.1598
1786	10.9	11.1	2.5478	0	0.0064	2.5542	0.193	0	-0.0152	0.1777
1787	10.7	11.1	2.5477	0	0.0067	2.5544	0.2016	0	-0.0183	0.1833
1788	10.8	11.1	2.5471	0	0.0069	2.554	0.1993	0	-0.0172	0.1821
1789	10.4	11.1	2.5457	0	0.0067	2.5524	0.2069	0	-0.0122	0.1947
1790	10.3	11.1	2.5451	0	0.0065	2.5516	0.2116	0	-0.0076	0.2041
1791	10.6	11.2	2.5448	0	0.0065	2.5513	0.2152	0	-0.0072	0.2079
1792	10.8	11.2	2.5446	0	0.0066	2.5512	0.2154	0	-0.008	0.2074
1793	11	11.3	2.5441	0	0.0067	2.5508	0.2164	0	-0.0047	0.2117
1794	11.4	11.3	2.5434	0	0.0066	2.55	0.2191	0	-0.0011	0.218
1795	11.5	11.5	2.5434	0	0.0065	2.5499	0.2169	0	-0.0049	0.212
1796	11.1	11.7	2.5438	0	0.0065	2.5503	0.2163	0	-0.0045	0.2118
1797	12.6	11.9	2.5436	0	0.0067	2.5503	0.2185	0	-0.0013	0.2171
1798	12.1	12.1	2.544	0	0.0066	2.5506	0.2056	0	-0.0014	0.2042
1799	12.1	12.2	2.5441	0	0.0067	2.5508	0.189	0	-0.0014	0.1876
1800	12.5	12.5	2.5444	0	0.0068	2.5512	0.1856	0	-0.0014	0.1841