

Supplementary table 4. Person goodness-of-fit for the 12 Likert scale items of the measurement tool — Korean version of the Pornography Craving Questionnaire (K-PCQ) based on Rasch model.

ENTRY	MEASURE	STATUS	COUNT	SCORE	MODLSE	IN.MSQ	IN.ZSTD	OUT.MSQ	OUT.ZSTD	DISPLACE
78	5.39	0	12	84	1.81	1.0000	0	1.0000	0	0.01
122	2.47	1	12	78	0.4	1.7298	1.3017	4.1786	3.2742	0
141	1.75	1	12	72	0.31	0.4169	-1.7596	0.4610	-1.4095	0
85	0.75	1	12	59	0.26	4.7881	5.2548	4.8661	5.3849	0
117	0.75	1	12	59	0.26	0.5469	-1.2295	0.6482	-0.8794	0
80	0.62	1	12	57	0.26	0.4119	-1.7696	0.4293	-1.7096	0
191	0.36	1	12	53	0.25	0.5957	-1.0594	0.5833	-1.1094	0
207	0.17	1	12	50	0.25	0.8683	-0.2191	0.8658	-0.2291	0
67	0.11	1	12	49	0.25	0.8460	-0.2892	0.8612	-0.2491	0
171	0.11	1	12	49	0.25	0.8553	-0.2591	0.8819	-0.1891	0
180	0.11	1	12	49	0.25	0.2528	-2.7197	0.2545	-2.7097	0
1	0.04	1	12	48	0.25	0.3395	-2.2297	0.3481	-2.1897	0
120	0.04	1	12	48	0.25	1.8557	1.9119	1.8684	1.9419	0
146	0.04	1	12	48	0.25	1.9758	2.122	1.9554	2.092	0
158	0.04	1	12	48	0.25	0.3652	-2.0996	0.3774	-2.0396	0
187	-0.02	1	12	47	0.25	0.2256	-2.9498	0.2300	-2.9298	0
161	-0.08	1	12	46	0.25	0.3539	-2.1996	0.3553	-2.1896	0
196	-0.08	1	12	46	0.25	0.6363	-0.9794	0.6550	-0.9193	0
68	-0.14	1	12	45	0.25	1.5056	1.2915	1.5007	1.2815	0
140	-0.14	1	12	45	0.25	0.5715	-1.2394	0.5653	-1.2594	0
3	-0.21	1	12	44	0.25	1.2160	0.6712	1.2067	0.6412	0
56	-0.27	1	12	43	0.25	0.6102	-1.0994	0.6026	-1.1294	0
132	-0.27	1	12	43	0.25	0.3316	-2.3697	0.3269	-2.3897	0
159	-0.27	1	12	43	0.25	0.8163	-0.4092	0.7981	-0.4592	0
163	-0.27	1	12	43	0.25	0.9920	0.101	0.9974	0.121	0
112	-0.33	1	12	42	0.25	0.1192	-3.9999	0.1211	-3.9699	0
157	-0.33	1	12	42	0.25	0.3734	-2.1496	0.3762	-2.1296	0
169	-0.33	1	12	42	0.25	1.8835	2.0319	1.8612	1.9919	0
176	-0.39	1	12	41	0.25	0.3497	-2.2797	0.3555	-2.2396	0
48	-0.46	1	12	40	0.25	0.9697	0.041	0.9461	-0.0191	0
61	-0.46	1	12	40	0.25	2.0053	2.242	1.9428	2.1319	0
26	-0.52	1	12	39	0.25	1.1356	0.4711	1.1412	0.4911	0
160	-0.52	1	12	39	0.25	1.2948	0.8513	1.3265	0.9213	0
69	-0.59	1	12	38	0.26	0.2233	-3.0398	0.2351	-2.9498	0
153	-0.65	1	12	37	0.26	1.0656	0.3011	1.1027	0.3911	0

45	-0.72	1	12	36	0.26	0.5820	-1.1794	0.5613	-1.2594	0
92	-0.72	1	12	36	0.26	0.8599	-0.2591	0.8311	-0.3492	0
107	-0.72	1	12	36	0.26	0.3791	-2.0596	0.3916	-1.9896	0
145	-0.72	1	11	33	0.27	1.0844	0.3411	1.0927	0.3611	0
154	-0.72	1	12	36	0.26	1.6106	1.4916	1.5432	1.3615	0
188	-0.72	1	12	36	0.26	1.3508	0.9614	1.2920	0.8313	0
195	-0.72	1	12	36	0.26	0.5630	-1.2494	0.5622	-1.2494	0
148	-0.79	1	12	35	0.26	1.4065	1.0714	1.3353	0.9213	0
172	-0.79	1	12	35	0.26	2.0800	2.2921	1.9589	2.092	0
177	-0.79	1	12	35	0.26	2.9601	3.543	2.8046	3.3328	0
203	-0.79	1	12	35	0.26	1.4741	1.2115	1.4709	1.2015	0
116	-0.86	1	12	34	0.27	0.8217	-0.3592	0.7330	-0.6293	0
125	-0.86	1	12	34	0.27	0.5945	-1.0994	0.6192	-1.0094	0
50	-0.93	1	12	33	0.27	0.8186	-0.3592	0.8073	-0.3892	0
133	-0.93	1	12	33	0.27	0.7500	-0.5693	0.6916	-0.7493	0
138	-0.93	1	12	33	0.27	0.9044	-0.1191	0.9706	0.061	0
178	-0.93	1	12	33	0.27	0.9286	-0.0591	0.8942	-0.1491	0
225	-0.93	1	12	33	0.27	0.2889	-2.4597	0.2750	-2.5197	0
13	-1.01	1	12	32	0.27	1.5328	1.2915	1.4334	1.0814	0
91	-1.01	1	12	32	0.27	2.7882	3.2028	2.6394	2.9826	0
104	-1.01	1	12	32	0.27	0.8135	-0.3692	0.8345	-0.2992	0
126	-1.01	1	12	32	0.27	0.5723	-1.1494	0.4828	-1.4695	0
130	-1.01	1	12	32	0.27	0.5312	-1.2995	0.4733	-1.5095	0
105	-1.08	1	12	31	0.28	1.3426	0.9013	1.3000	0.8113	0
123	-1.08	1	12	31	0.28	0.7530	-0.5292	0.7742	-0.4592	0
204	-1.08	1	12	31	0.28	1.0128	0.171	0.9836	0.101	0
101	-1.12	1	11	28	0.3	1.0093	0.161	1.2564	0.6913	0
2	-1.16	1	12	30	0.28	0.5807	-1.0794	0.6395	-0.8494	0
35	-1.16	1	12	30	0.28	0.3868	-1.8496	0.4560	-1.5095	0
47	-1.16	1	12	30	0.28	1.5667	1.3216	1.5453	1.2615	0
89	-1.16	1	12	30	0.28	1.6813	1.5217	1.5988	1.3516	0
106	-1.16	1	12	30	0.28	0.9568	0.031	0.8259	-0.2992	0
134	-1.16	1	12	30	0.28	1.7979	1.7218	1.8682	1.8019	0
174	-1.16	1	12	30	0.28	0.8701	-0.1891	0.8054	-0.3592	0
223	-1.16	1	12	30	0.28	0.5330	-1.2495	0.4399	-1.5796	0
4	-1.25	1	12	29	0.29	2.4515	2.6525	2.2898	2.3823	0
15	-1.25	1	12	29	0.29	1.1613	0.5112	1.1936	0.5712	0
76	-1.25	1	12	29	0.29	0.4576	-1.5095	0.3896	-1.7496	0
147	-1.25	1	12	29	0.29	1.7443	1.6117	1.7791	1.6318	0
150	-1.25	1	12	29	0.29	0.7242	-0.5993	0.6891	-0.6793	0

10	-1.33	1	12	28	0.3	0.3406	-1.9997	0.2570	-2.3597	0
28	-1.33	1	12	28	0.3	1.5156	1.2015	1.3266	0.8213	0
29	-1.33	1	12	28	0.3	2.3440	2.4723	2.2492	2.2822	0
32	-1.33	1	12	28	0.3	1.0519	0.2611	1.0152	0.181	0
42	-1.33	1	12	28	0.3	0.3799	-1.8196	0.3091	-2.0797	0
49	-1.33	1	12	28	0.3	0.6758	-0.7293	0.6660	-0.7293	0
53	-1.33	1	12	28	0.3	0.1518	-3.1698	0.1250	-3.2899	0
63	-1.33	1	12	28	0.3	0.3965	-1.7396	0.3382	-1.9397	0
84	-1.33	1	12	28	0.3	0.1518	-3.1698	0.1250	-3.2899	0
151	-1.33	1	12	28	0.3	1.3165	0.8213	1.4400	1.0314	0
170	-1.33	1	12	28	0.3	3.5089	3.8335	2.8768	3.0529	0
181	-1.33	1	12	28	0.3	2.4335	2.5924	2.7503	2.9028	0
9	-1.42	1	12	27	0.3	1.5534	1.2516	1.4281	1.0014	0
55	-1.42	1	12	27	0.3	0.3745	-1.8096	0.3616	-1.7796	0
70	-1.42	1	12	27	0.3	0.4204	-1.6096	0.3526	-1.8196	0
77	-1.42	1	12	27	0.3	0.2203	-2.6198	0.1685	-2.8598	0
127	-1.42	1	12	27	0.3	0.9387	0.0009	1.0258	0.211	0
175	-1.42	1	12	27	0.3	0.7164	-0.5893	0.5838	-0.9494	0
183	-1.42	1	12	27	0.3	0.3364	-1.9797	0.2539	-2.3197	0
33	-1.52	1	12	26	0.31	0.6722	-0.7093	0.6366	-0.7694	0
90	-1.52	1	12	26	0.31	0.7268	-0.5493	0.6199	-0.8194	0
99	-1.52	1	12	26	0.31	0.6750	-0.6993	0.5656	-0.9894	0
114	-1.52	1	12	26	0.31	0.2940	-2.1597	0.2216	-2.4398	0
119	-1.52	1	12	26	0.31	2.5372	2.6525	2.6102	2.6326	0
152	-1.52	1	12	26	0.31	0.8709	-0.1591	1.0493	0.261	0
165	-1.52	1	12	26	0.31	0.2940	-2.1597	0.2216	-2.4398	0
182	-1.52	1	12	26	0.31	1.5686	1.2616	1.4846	1.0815	0
198	-1.52	1	12	26	0.31	0.9609	0.051	0.8465	-0.1992	0
214	-1.52	1	12	26	0.31	1.0908	0.3511	0.9749	0.101	0
16	-1.62	1	12	25	0.32	1.1381	0.4511	1.0938	0.3511	0
23	-1.62	1	12	25	0.32	1.9130	1.7819	1.8319	1.5918	0
36	-1.62	1	12	25	0.32	0.4702	-1.3495	0.3601	-1.6996	0
66	-1.62	1	12	25	0.32	1.6005	1.2916	1.6857	1.3817	0
109	-1.62	1	12	25	0.32	0.1808	-2.7898	0.1639	-2.7598	0
200	-1.62	1	12	25	0.32	0.3467	-1.8597	0.2987	-1.9797	0
12	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0
25	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0
40	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0
57	-1.72	1	12	24	0.33	0.7520	-0.4492	0.9109	-0.0291	0
60	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0

64	-1.72	1	12	24	0.33	0.5710	-0.9794	0.5946	-0.8394	0
65	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0
74	-1.72	1	12	24	0.33	1.4536	1.0315	1.4418	0.9814	0
79	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0
96	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0
102	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0
121	-1.72	1	12	24	0.33	1.0200	0.191	1.1631	0.4812	0
139	-1.72	1	12	24	0.33	0.7969	-0.3292	0.6126	-0.7894	0
192	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0
193	-1.72	1	12	24	0.33	0.2754	-2.1597	0.2402	-2.2198	0
34	-1.84	1	12	23	0.34	0.9242	-0.0091	0.7916	-0.2992	0
108	-1.84	1	12	23	0.34	0.8207	-0.2592	0.7914	-0.2992	0
189	-1.84	1	12	23	0.34	0.5645	-0.9694	0.6026	-0.7994	0
206	-1.84	1	12	23	0.34	1.0513	0.2611	0.9847	0.131	0
7	-1.96	1	12	22	0.36	1.7442	1.4417	1.9587	1.682	0
11	-1.96	1	12	22	0.36	2.9494	2.8829	2.8695	2.7129	0
18	-1.96	1	12	22	0.36	0.6376	-0.7094	0.5929	-0.7994	0
83	-1.96	1	12	22	0.36	0.6198	-0.7694	0.6903	-0.5393	0
100	-1.96	1	12	22	0.36	0.8560	-0.1591	0.9021	-0.0391	0
135	-1.96	1	12	22	0.36	0.5784	-0.8894	0.4927	-1.1095	0
197	-1.96	1	12	22	0.36	1.2624	0.6713	0.8869	-0.0691	0
211	-1.96	1	12	22	0.36	2.1589	1.9922	1.6233	1.2316	0
30	-2.03	1	11	19	0.4	0.5385	-0.8895	0.6260	-0.6294	0
124	-2.09	1	12	21	0.38	1.4717	1.0015	1.2799	0.6813	0
37	-2.24	1	12	20	0.4	2.7977	2.5628	1.7766	1.4018	0
51	-2.24	1	12	20	0.4	2.7977	2.5628	1.7766	1.4018	0
54	-2.24	1	12	20	0.4	1.2360	0.6012	0.9020	-0.0191	0
94	-2.24	1	12	20	0.4	0.4612	-1.1595	0.5721	-0.8194	0
164	-2.24	1	12	20	0.4	0.4394	-1.2296	0.5080	-0.9995	0
217	-2.24	1	12	20	0.4	1.2176	0.5712	1.0015	0.171	0
22	-2.41	1	12	19	0.42	1.0628	0.2911	0.7915	-0.2492	0
59	-2.41	1	12	19	0.42	1.0611	0.2911	0.7874	-0.2592	0
162	-2.41	1	12	19	0.42	1.2777	0.6613	0.9824	0.141	0
222	-2.41	1	12	19	0.42	1.9670	1.602	1.4370	0.9114	0
137	-2.53	1	11	17	0.45	2.7252	2.2727	2.7638	2.3628	0
14	-2.6	1	12	18	0.45	3.2703	2.7933	3.2628	2.8633	0
38	-2.6	1	12	18	0.45	2.3594	1.9724	1.6672	1.2117	0
62	-2.6	1	12	18	0.45	2.3594	1.9724	1.6672	1.2117	0
118	-2.6	1	12	18	0.45	5.8041	4.4758	3.3577	2.9434	0
149	-2.6	1	12	18	0.45	2.3639	1.9724	3.8355	3.3238	0

184	-2.6	1	12	18	0.45	1.5473	1.0315	1.1309	0.4111	0
185	-2.6	1	12	18	0.45	1.4898	0.9515	1.0618	0.2911	0
201	-2.6	1	12	18	0.45	0.5328	-0.8295	0.4958	-0.9795	0
202	-2.6	1	12	18	0.45	0.5094	-0.8995	0.4768	-1.0295	0
218	-2.6	1	12	18	0.45	1.3689	0.7814	1.4573	0.9215	0
46	-2.82	1	12	17	0.49	1.4497	0.8714	0.9568	0.111	0
81	-2.82	1	12	17	0.49	0.5877	-0.6394	0.5745	-0.7194	0
155	-2.82	1	12	17	0.49	2.8026	2.3128	1.7043	1.2317	0
21	-3.09	1	12	16	0.55	0.7729	-0.1992	0.8106	-0.1492	0
24	-3.09	1	12	16	0.55	1.7881	1.2618	1.8237	1.3218	0
41	-3.09	1	12	16	0.55	1.5133	0.9315	1.0674	0.3111	0
88	-3.09	1	12	16	0.55	1.9246	1.4119	1.1878	0.5012	0
93	-3.09	1	12	16	0.55	1.1554	0.4512	0.8857	0.0009	0
110	-3.09	1	12	16	0.55	3.6451	2.8736	2.0333	1.552	0
128	-3.09	1	12	16	0.55	0.6250	-0.5094	0.5839	-0.6394	0
144	-3.09	1	12	16	0.55	3.7377	2.9337	2.1798	1.7022	0
156	-3.09	1	12	16	0.55	1.2206	0.5412	1.1074	0.3711	0
179	-3.09	1	12	16	0.55	0.6773	-0.3993	0.6883	-0.3993	0
220	-3.09	1	12	16	0.55	1.9825	1.472	1.1755	0.4812	0
17	-3.43	1	12	15	0.62	2.6488	2.0026	1.4696	0.8515	0
20	-3.43	1	12	15	0.62	2.6488	2.0026	1.4696	0.8515	0
27	-3.43	1	12	15	0.62	0.6882	-0.3293	0.6199	-0.4594	0
52	-3.43	1	12	15	0.62	2.7188	2.0627	1.5737	0.9716	0
82	-3.43	1	12	15	0.62	1.2267	0.5412	0.7603	-0.1892	0
86	-3.43	1	12	15	0.62	0.5828	-0.5494	0.5416	-0.6395	0
97	-3.43	1	12	15	0.62	1.2267	0.5412	0.7603	-0.1892	0
113	-3.43	1	12	15	0.62	2.6488	2.0026	1.4696	0.8515	0
115	-3.43	1	12	15	0.62	0.8882	0.0309	0.7961	-0.1192	0
129	-3.43	1	12	15	0.62	3.4498	2.5934	4.4784	3.2145	0
143	-3.43	1	12	15	0.62	1.7676	1.1918	2.1638	1.5722	0
168	-3.43	1	12	15	0.62	0.8450	-0.0392	0.9563	0.151	0
186	-3.43	1	12	15	0.62	1.2267	0.5412	0.7603	-0.1892	0
194	-3.43	1	12	15	0.62	2.6488	2.0026	1.4696	0.8515	0
216	-3.43	1	12	15	0.62	3.0351	2.303	2.2360	1.6422	0
219	-3.43	1	12	15	0.62	2.7188	2.0627	1.5737	0.9716	0
6	-3.68	1	11	13	0.75	0.6014	-0.3994	0.4184	-0.7496	0
87	-3.9	1	12	14	0.75	1.7331	1.0717	0.9788	0.231	0
167	-3.9	1	12	14	0.75	0.8054	-0.0492	0.7318	-0.1293	0
190	-3.9	1	12	14	0.75	0.6966	-0.2293	0.4796	-0.5895	0
208	-3.9	1	12	14	0.75	1.6852	1.0317	0.9127	0.1409	0

209	-3.9	1	12	14	0.75	0.5885	-0.4294	0.3679	-0.8396	0
213	-3.9	1	12	14	0.75	0.6966	-0.2293	0.4796	-0.5895	0
31	-4.66	1	12	13	1.03	0.9266	0.2509	0.6573	0.0107	0
72	-4.66	1	12	13	1.03	0.7891	0.0908	0.4071	-0.3396	0
73	-4.66	1	12	13	1.03	0.7891	0.0908	0.4071	-0.3396	0
75	-4.66	1	12	13	1.03	0.7891	0.0908	0.4071	-0.3396	0
98	-4.66	1	12	13	1.03	0.7891	0.0908	0.4071	-0.3396	0
103	-4.66	1	12	13	1.03	0.7891	0.0908	0.4071	-0.3396	0
111	-4.66	1	12	13	1.03	0.7891	0.0908	0.4071	-0.3396	0
142	-4.66	1	12	13	1.03	0.7891	0.0908	0.4071	-0.3396	0
210	-4.66	1	12	13	1.03	0.7891	0.0908	0.4071	-0.3396	0
226	-4.66	1	12	13	1.03	0.9266	0.2509	0.6573	0.0107	0
5	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
8	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
19	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
39	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
43	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
44	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
58	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
71	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
95	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
131	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
136	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
166	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
173	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
199	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
205	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
212	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
215	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
221	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
224	-5.91	-1	12	12	1.84	1.0000	0	1.0000	0	-0.01
18						42.0000		29.0000		

ENTRY	MEASURE	PTMA	WEIGHT	OBSMATCH	EXPMATCH	PTMA-E	RMSR	WMLE	INDF	OUTDF	NAME
78	5.39	0	1	100	100	0	0	5.39	0	0	M
122	2.47	-0.3057	1	50	52.89	0.297	0.9393	2.39	7.01	5.62	M
141	1.75	0.586	1	58.333	39.315	0.4	0.608	1.72	12.45	10.4	M
85	0.75	-0.1987	1	8.3333	33.635	0.5013	2.4244	0.75	12.39	12.67	M
117	0.75	-0.5235	1	50	33.635	0.5013	0.8194	0.75	12.39	12.67	M

80	0.62	0.341	1	25	36.049	0.507	0.7183	0.62	12.27	12.54	M
191	0.36	0.4681	1	41.667	36.357	0.5135	0.8788	0.36	12.52	12.68	W
207	0.17	-0.0182	1	25	36.879	0.5159	1.0714	0.17	13.08	13.15	W
67	0.11	0.4567	1	41.667	35.258	0.5165	1.06	0.1	13.31	13.36	W
171	0.11	0.3733	1	50	35.258	0.5165	1.0659	0.1	13.31	13.36	M
180	0.11	0.7446	1	66.667	35.258	0.5165	0.5795	0.1	13.31	13.36	M
1	0.04	0.5448	1	33.333	33.59	0.5171	0.6728	0.04	13.54	13.58	M
120	0.04	0.5787	1	25	33.59	0.5171	1.5729	0.04	13.54	13.58	M
146	0.04	0.297	1	8.3333	33.59	0.5171	1.623	0.04	13.54	13.58	M
158	0.04	0	1	50	33.59	0.5171	0.6977	0.04	13.54	13.58	M
187	-0.02	0.7207	1	50	31.917	0.5177	0.5491	-0.02	13.78	13.8	M
161	-0.08	0.7742	1	33.333	30.323	0.5183	0.6882	-0.08	14.01	14.02	M
196	-0.08	-0.421	1	25	30.323	0.5183	0.9228	-0.08	14.01	14.02	W
68	-0.14	0.6111	1	0	29.658	0.519	1.4192	-0.14	14.21	14.22	M
140	-0.14	0.6634	1	41.667	29.658	0.519	0.8743	-0.14	14.21	14.22	M
3	-0.21	0.1628	1	16.667	29.673	0.5197	1.2741	-0.2	14.39	14.39	M
56	-0.27	0.4437	1	33.333	28.033	0.5204	0.9009	-0.27	14.53	14.52	M
132	-0.27	0.5902	1	58.333	28.033	0.5204	0.6641	-0.27	14.53	14.52	M
159	-0.27	0.5578	1	41.667	28.033	0.5204	1.042	-0.27	14.53	14.52	M
163	-0.27	0.423	1	25	28.033	0.5204	1.1487	-0.27	14.53	14.52	M
112	-0.33	0.8271	1	66.667	29.923	0.5211	0.397	-0.33	14.62	14.61	M
157	-0.33	0.6171	1	33.333	29.923	0.5211	0.7027	-0.33	14.62	14.61	M
169	-0.33	0.5415	1	8.3333	29.923	0.5211	1.5783	-0.33	14.62	14.61	M
176	-0.39	0.3974	1	58.333	28.387	0.5218	0.6775	-0.39	14.65	14.64	W
48	-0.46	0.3807	1	41.667	26.912	0.5224	1.1228	-0.45	14.63	14.6	M
61	-0.46	0.5419	1	8.3333	26.912	0.5224	1.6146	-0.45	14.63	14.6	W
26	-0.52	0.044	1	41.667	27.747	0.5229	1.2078	-0.52	14.54	14.51	M
160	-0.52	-0.0028	1	16.667	27.747	0.5229	1.2897	-0.52	14.54	14.51	M
69	-0.59	0.6395	1	83.333	28.6	0.5233	0.5318	-0.58	14.4	14.36	M
153	-0.65	0.2728	1	41.667	30.529	0.5235	1.1521	-0.64	14.19	14.14	M
45	-0.72	0.2765	1	41.667	30.582	0.5233	0.8434	-0.71	13.94	13.87	M
92	-0.72	0.3191	1	33.333	30.582	0.5233	1.0252	-0.71	13.94	13.87	M
107	-0.72	0	1	58.333	30.582	0.5233	0.6807	-0.71	13.94	13.87	M
145	-0.72	0.4727	1	27.273	31.328	0.5416	1.1466	-0.7	12.55	12.52	W
154	-0.72	0.5732	1	25	30.582	0.5233	1.4031	-0.71	13.94	13.87	M
188	-0.72	0.2843	1	33.333	30.582	0.5233	1.2849	-0.71	13.94	13.87	M
195	-0.72	0.4945	1	33.333	30.582	0.5233	0.8295	-0.71	13.94	13.87	M
148	-0.79	0.4756	1	16.667	34.451	0.5228	1.297	-0.78	13.64	13.55	M
172	-0.79	0.6121	1	25	34.451	0.5228	1.5773	-0.78	13.64	13.55	M
177	-0.79	0.6561	1	8.3333	34.451	0.5228	1.8817	-0.78	13.64	13.55	M

203	-0.79	0.7594	1	25	34.451	0.5228	1.3279	-0.78	13.64	13.55	M
116	-0.86	0.8135	1	58.333	35.061	0.5218	0.9794	-0.85	13.31	13.18	M
125	-0.86	0.4795	1	50	35.061	0.5218	0.8331	-0.85	13.31	13.18	M
50	-0.93	-0.5618	1	16.667	37.343	0.5201	0.9645	-0.92	12.96	12.78	W
133	-0.93	0.3569	1	33.333	37.343	0.5201	0.9232	-0.92	12.96	12.78	M
138	-0.93	0.7287	1	33.333	37.343	0.5201	1.0138	-0.92	12.96	12.78	W
178	-0.93	0.5093	1	50	37.343	0.5201	1.0272	-0.92	12.96	12.78	W
225	-0.93	0.6727	1	75	37.343	0.5201	0.573	-0.92	12.96	12.78	W
13	-1.01	-0.3142	1	16.667	37.594	0.5178	1.3002	-0.99	12.6	12.35	W
91	-1.01	0.4547	1	33.333	37.594	0.5178	1.7536	-0.99	12.6	12.35	M
104	-1.01	0.5222	1	41.667	37.594	0.5178	0.9472	-0.99	12.6	12.35	M
126	-1.01	0.754	1	58.333	37.594	0.5178	0.7945	-0.99	12.6	12.35	M
130	-1.01	0.5168	1	58.333	37.594	0.5178	0.7654	-0.99	12.6	12.35	W
105	-1.08	0.3573	1	33.333	39.656	0.5146	1.197	-1.07	12.24	11.9	M
123	-1.08	0.1766	1	41.667	39.656	0.5146	0.8965	-1.07	12.24	11.9	M
204	-1.08	0.8892	1	41.667	39.656	0.5146	1.0397	-1.07	12.24	11.9	W
101	-1.12	0.0643	1	45.455	41.452	0.531	1.0247	-1.1	10.86	10.5	M
2	-1.16	0.5411	1	58.333	41.645	0.5105	0.7731	-1.14	11.88	11.43	M
35	-1.16	0.717	1	50	41.645	0.5105	0.631	-1.14	11.88	11.43	W
47	-1.16	0.8058	1	16.667	41.645	0.5105	1.2699	-1.14	11.88	11.43	M
89	-1.16	-0.3553	1	25	41.645	0.5105	1.3156	-1.14	11.88	11.43	M
106	-1.16	0.3707	1	50	41.645	0.5105	0.9924	-1.14	11.88	11.43	M
134	-1.16	0.6892	1	16.667	41.645	0.5105	1.3604	-1.14	11.88	11.43	M
174	-1.16	0.2302	1	58.333	41.645	0.5105	0.9464	-1.14	11.88	11.43	M
223	-1.16	0.6135	1	58.333	41.645	0.5105	0.7407	-1.14	11.88	11.43	M
4	-1.25	0.062	1	41.667	43.688	0.5052	1.5574	-1.22	11.53	10.96	M
15	-1.25	0.6278	1	16.667	43.688	0.5052	1.0719	-1.22	11.53	10.96	W
76	-1.25	0.5329	1	83.333	43.688	0.5052	0.6729	-1.22	11.53	10.96	W
147	-1.25	0.2105	1	16.667	43.688	0.5052	1.3137	-1.22	11.53	10.96	W
150	-1.25	0.6822	1	41.667	43.688	0.5052	0.8465	-1.22	11.53	10.96	M
10	-1.33	0.6395	1	75	40.813	0.4987	0.5681	-1.31	11.19	10.49	M
28	-1.33	0.8939	1	16.667	40.813	0.4987	1.1983	-1.31	11.19	10.49	M
29	-1.33	0.4002	1	16.667	40.813	0.4987	1.4903	-1.31	11.19	10.49	M
32	-1.33	0.4505	1	41.667	40.813	0.4987	0.9983	-1.31	11.19	10.49	W
42	-1.33	0.4928	1	58.333	40.813	0.4987	0.5999	-1.31	11.19	10.49	M
49	-1.33	0.2657	1	66.667	40.813	0.4987	0.8002	-1.31	11.19	10.49	W
53	-1.33	0.8079	1	75	40.813	0.4987	0.3792	-1.31	11.19	10.49	M
63	-1.33	0.8076	1	66.667	40.813	0.4987	0.6129	-1.31	11.19	10.49	M
84	-1.33	0.8079	1	75	40.813	0.4987	0.3792	-1.31	11.19	10.49	M
151	-1.33	0.6661	1	8.3333	40.813	0.4987	1.1168	-1.31	11.19	10.49	W

170	-1.33	0.7595	1	8.3333	40.813	0.4987	1.8233	-1.31	11.19	10.49	M
181	-1.33	0.3961	1	8.3333	40.813	0.4987	1.5184	-1.31	11.19	10.49	M
9	-1.42	0.3485	1	25	40.899	0.4908	1.1846	-1.4	10.85	10.04	M
55	-1.42	0.5976	1	66.667	40.899	0.4908	0.5817	-1.4	10.85	10.04	M
70	-1.42	0.6607	1	66.667	40.899	0.4908	0.6163	-1.4	10.85	10.04	M
77	-1.42	0.6633	1	83.333	40.899	0.4908	0.4461	-1.4	10.85	10.04	M
127	-1.42	-0.3158	1	58.333	40.899	0.4908	0.9209	-1.4	10.85	10.04	M
175	-1.42	0.6156	1	58.333	40.899	0.4908	0.8045	-1.4	10.85	10.04	M
183	-1.42	0.5381	1	83.333	40.899	0.4908	0.5513	-1.4	10.85	10.04	W
33	-1.52	0.6083	1	50	40.706	0.4814	0.7591	-1.49	10.5	9.6	W
90	-1.52	0.7355	1	50	40.706	0.4814	0.7893	-1.49	10.5	9.6	M
99	-1.52	0.0441	1	66.667	40.706	0.4814	0.7607	-1.49	10.5	9.6	W
114	-1.52	0.5235	1	75	40.706	0.4814	0.502	-1.49	10.5	9.6	M
119	-1.52	0.3057	1	0	40.706	0.4814	1.4747	-1.49	10.5	9.6	M
152	-1.52	0.3885	1	50	40.706	0.4814	0.864	-1.49	10.5	9.6	M
165	-1.52	0.5235	1	75	40.706	0.4814	0.502	-1.49	10.5	9.6	M
182	-1.52	0.2834	1	33.333	40.706	0.4814	1.1596	-1.49	10.5	9.6	M
198	-1.52	0.3165	1	50	40.706	0.4814	0.9076	-1.49	10.5	9.6	W
214	-1.52	0.8715	1	25	40.706	0.4814	0.967	-1.49	10.5	9.6	W
16	-1.62	0.6577	1	25	40.206	0.4704	0.9594	-1.59	10.13	9.19	W
23	-1.62	0.2797	1	25	40.206	0.4704	1.2439	-1.59	10.13	9.19	W
36	-1.62	0.3607	1	75	40.206	0.4704	0.6167	-1.59	10.13	9.19	M
66	-1.62	0.0489	1	33.333	40.206	0.4704	1.1378	-1.59	10.13	9.19	M
109	-1.62	0.5659	1	83.333	40.206	0.4704	0.3824	-1.59	10.13	9.19	W
200	-1.62	0.5632	1	66.667	40.206	0.4704	0.5295	-1.59	10.13	9.19	W
12	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	W
25	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	W
40	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	W
57	-1.72	0.5287	1	25	43.237	0.4577	0.755	-1.69	9.72	8.81	W
60	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	W
64	-1.72	0.7155	1	58.333	43.237	0.4577	0.6579	-1.69	9.72	8.81	M
65	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	W
74	-1.72	0.4419	1	16.667	43.237	0.4577	1.0497	-1.69	9.72	8.81	M
79	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	W
96	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	M
102	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	M
121	-1.72	-0.1316	1	50	43.237	0.4577	0.8793	-1.69	9.72	8.81	W
139	-1.72	0.6568	1	66.667	43.237	0.4577	0.7773	-1.69	9.72	8.81	W
192	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	W
193	-1.72	0	1	75	43.237	0.4577	0.4569	-1.69	9.72	8.81	W

34	-1.84	0.71	1	41.667	42.745	0.4433	0.8071	-1.8	9.26	8.45	W
108	-1.84	0.8803	1	33.333	42.745	0.4433	0.7606	-1.8	9.26	8.45	W
189	-1.84	0.039	1	50	42.745	0.4433	0.6308	-1.8	9.26	8.45	M
206	-1.84	0.8607	1	25	42.745	0.4433	0.8609	-1.8	9.26	8.45	W
7	-1.96	0.0421	1	25	41.868	0.4271	1.0642	-1.92	8.74	8.13	W
11	-1.96	0.3127	1	8.3333	41.868	0.4271	1.3839	-1.92	8.74	8.13	W
18	-1.96	0.9304	1	41.667	41.868	0.4271	0.6435	-1.92	8.74	8.13	M
83	-1.96	0.4079	1	58.333	41.868	0.4271	0.6344	-1.92	8.74	8.13	W
100	-1.96	0.5789	1	41.667	41.868	0.4271	0.7455	-1.92	8.74	8.13	M
135	-1.96	-0.2288	1	66.667	41.868	0.4271	0.6128	-1.92	8.74	8.13	M
197	-1.96	0.5468	1	58.333	41.868	0.4271	0.9054	-1.92	8.74	8.13	W
211	-1.96	0.6391	1	25	41.868	0.4271	1.184	-1.92	8.74	8.13	M
30	-2.03	0.288	1	54.545	43.169	0.3794	0.5556	-1.97	7.26	7.02	W
124	-2.09	0.6123	1	16.667	46.311	0.4092	0.933	-2.04	8.17	7.82	M
37	-2.24	0.8079	1	41.667	51.375	0.3896	1.2193	-2.19	7.58	7.52	M
51	-2.24	0.8079	1	41.667	51.375	0.3896	1.2193	-2.19	7.58	7.52	W
54	-2.24	0.9022	1	58.333	51.375	0.3896	0.8104	-2.19	7.58	7.52	M
94	-2.24	0.572	1	58.333	51.375	0.3896	0.495	-2.19	7.58	7.52	W
164	-2.24	0.6237	1	41.667	51.375	0.3896	0.4832	-2.19	7.58	7.52	M
217	-2.24	0.5969	1	66.667	51.375	0.3896	0.8044	-2.19	7.58	7.52	M
22	-2.41	0.8818	1	66.667	54.408	0.3684	0.7065	-2.34	6.99	7.21	M
59	-2.41	0.8703	1	66.667	54.408	0.3684	0.7059	-2.34	6.99	7.21	W
162	-2.41	0.451	1	50	54.408	0.3684	0.7746	-2.34	6.99	7.21	W
222	-2.41	0.6457	1	58.333	54.408	0.3684	0.9611	-2.34	6.99	7.21	M
137	-2.53	0.3052	1	54.545	57.899	0.3531	1.0965	-2.46	6.13	6.45	W
14	-2.6	0.0459	1	58.333	61.401	0.3455	1.1533	-2.52	6.43	6.85	W
38	-2.6	0.6395	1	75	61.401	0.3455	0.9796	-2.52	6.43	6.85	M
62	-2.6	0.6395	1	75	61.401	0.3455	0.9796	-2.52	6.43	6.85	W
118	-2.6	0.5235	1	75	61.401	0.3455	1.5364	-2.52	6.43	6.85	M
149	-2.6	-0.0684	1	75	61.401	0.3455	0.9805	-2.52	6.43	6.85	M
184	-2.6	0.4226	1	50	61.401	0.3455	0.7933	-2.52	6.43	6.85	W
185	-2.6	0.7324	1	66.667	61.401	0.3455	0.7784	-2.52	6.43	6.85	M
201	-2.6	0.844	1	75	61.401	0.3455	0.4655	-2.52	6.43	6.85	W
202	-2.6	0.8622	1	75	61.401	0.3455	0.4552	-2.52	6.43	6.85	W
218	-2.6	0.2046	1	50	61.401	0.3455	0.7461	-2.52	6.43	6.85	M
46	-2.82	0.7801	1	91.667	64.787	0.3207	0.7053	-2.73	5.92	6.38	M
81	-2.82	0.497	1	66.667	64.787	0.3207	0.4491	-2.73	5.92	6.38	M
155	-2.82	0.6594	1	83.333	64.787	0.3207	0.9807	-2.73	5.92	6.38	M
21	-3.09	0.2419	1	66.667	69.787	0.2931	0.4646	-2.98	5.43	5.71	W
24	-3.09	0.2972	1	75	69.787	0.2931	0.7067	-2.98	5.43	5.71	W

41	-3.09	0.6395	1	75	69.787	0.2931	0.6502	-2.98	5.43	5.71	W
88	-3.09	0.6948	1	91.667	69.787	0.2931	0.7332	-2.98	5.43	5.71	W
93	-3.09	0.4669	1	66.667	69.787	0.2931	0.5681	-2.98	5.43	5.71	W
110	-3.09	0.5659	1	83.333	69.787	0.2931	1.0091	-2.98	5.43	5.71	W
128	-3.09	0.5419	1	66.667	69.787	0.2931	0.4178	-2.98	5.43	5.71	M
144	-3.09	0.5235	1	83.333	69.787	0.2931	1.0218	-2.98	5.43	5.71	W
156	-3.09	0.2921	1	66.667	69.787	0.2931	0.5839	-2.98	5.43	5.71	W
179	-3.09	0.4191	1	66.667	69.787	0.2931	0.435	-2.98	5.43	5.71	M
220	-3.09	0.6485	1	75	69.787	0.2931	0.7442	-2.98	5.43	5.71	M
17	-3.43	0.5659	1	91.667	75.462	0.2612	0.7545	-3.28	4.82	4.73	M
20	-3.43	0.5659	1	91.667	75.462	0.2612	0.7545	-3.28	4.82	4.73	W
27	-3.43	0.5263	1	83.333	75.462	0.2612	0.3846	-3.28	4.82	4.73	M
52	-3.43	0.5235	1	83.333	75.462	0.2612	0.7644	-3.28	4.82	4.73	W
82	-3.43	0.6633	1	83.333	75.462	0.2612	0.5135	-3.28	4.82	4.73	M
86	-3.43	0.6712	1	83.333	75.462	0.2612	0.3539	-3.28	4.82	4.73	W
97	-3.43	0.6633	1	83.333	75.462	0.2612	0.5135	-3.28	4.82	4.73	M
113	-3.43	0.5659	1	91.667	75.462	0.2612	0.7545	-3.28	4.82	4.73	M
115	-3.43	0.2287	1	66.667	75.462	0.2612	0.4369	-3.28	4.82	4.73	M
129	-3.43	-0.1652	1	83.333	75.462	0.2612	0.8611	-3.28	4.82	4.73	M
143	-3.43	-0.0311	1	75	75.462	0.2612	0.6164	-3.28	4.82	4.73	M
168	-3.43	0.1728	1	83.333	75.462	0.2612	0.4262	-3.28	4.82	4.73	M
186	-3.43	0.6633	1	83.333	75.462	0.2612	0.5135	-3.28	4.82	4.73	W
194	-3.43	0.5659	1	91.667	75.462	0.2612	0.7545	-3.28	4.82	4.73	M
216	-3.43	0.2964	1	83.333	75.462	0.2612	0.8077	-3.28	4.82	4.73	W
219	-3.43	0.5235	1	83.333	75.462	0.2612	0.7644	-3.28	4.82	4.73	M
6	-3.68	0.8377	1	81.818	82.645	0.2028	0.3118	-3.45	3.79	3.52	M
87	-3.9	0.5235	1	91.667	84.055	0.2209	0.5077	-3.67	3.81	3.35	W
167	-3.9	0.3917	1	83.333	84.055	0.2209	0.3461	-3.67	3.81	3.35	M
190	-3.9	0.6395	1	83.333	84.055	0.2209	0.3219	-3.67	3.81	3.35	M
208	-3.9	0.5659	1	91.667	84.055	0.2209	0.5006	-3.67	3.81	3.35	M
209	-3.9	0.8079	1	83.333	84.055	0.2209	0.2958	-3.67	3.81	3.35	M
213	-3.9	0.6395	1	83.333	84.055	0.2209	0.3219	-3.67	3.81	3.35	W
31	-4.66	0.2964	1	91.667	91.811	0.1629	0.2694	-4.19	2.12	1.66	W
72	-4.66	0.5659	1	91.667	91.811	0.1629	0.2486	-4.19	2.12	1.66	W
73	-4.66	0.5659	1	91.667	91.811	0.1629	0.2486	-4.19	2.12	1.66	M
75	-4.66	0.5659	1	91.667	91.811	0.1629	0.2486	-4.19	2.12	1.66	W
98	-4.66	0.5659	1	91.667	91.811	0.1629	0.2486	-4.19	2.12	1.66	W
103	-4.66	0.5659	1	91.667	91.811	0.1629	0.2486	-4.19	2.12	1.66	W
111	-4.66	0.5659	1	91.667	91.811	0.1629	0.2486	-4.19	2.12	1.66	M
142	-4.66	0.5659	1	91.667	91.811	0.1629	0.2486	-4.19	2.12	1.66	M

210	-4.66	0.5659	1	91.667	91.811	0.1629	0.2486	-4.19	2.12	1.66	M
226	-4.66	0.2964	1	91.667	91.811	0.1629	0.2694	-4.19	2.12	1.66	W
5	-5.91	0	1	100	100	0	0	-5.91	0	0	M
8	-5.91	0	1	100	100	0	0	-5.91	0	0	M
19	-5.91	0	1	100	100	0	0	-5.91	0	0	W
39	-5.91	0	1	100	100	0	0	-5.91	0	0	W
43	-5.91	0	1	100	100	0	0	-5.91	0	0	W
44	-5.91	0	1	100	100	0	0	-5.91	0	0	M
58	-5.91	0	1	100	100	0	0	-5.91	0	0	W
71	-5.91	0	1	100	100	0	0	-5.91	0	0	M
95	-5.91	0	1	100	100	0	0	-5.91	0	0	M
131	-5.91	0	1	100	100	0	0	-5.91	0	0	M
136	-5.91	0	1	100	100	0	0	-5.91	0	0	W
166	-5.91	0	1	100	100	0	0	-5.91	0	0	W
173	-5.91	0	1	100	100	0	0	-5.91	0	0	W
199	-5.91	0	1	100	100	0	0	-5.91	0	0	W
205	-5.91	0	1	100	100	0	0	-5.91	0	0	W
212	-5.91	0	1	100	100	0	0	-5.91	0	0	W
215	-5.91	0	1	100	100	0	0	-5.91	0	0	M
221	-5.91	0	1	100	100	0	0	-5.91	0	0	M
224	-5.91	0	1	100	100	0	0	-5.91	0	0	M