Suppl	plementary Table S1. Summary statistics and correlation of item responses with intensity of worst and average itch and frequency of itch. Response Category Frequency Pearson correlation (r)*												
Item					Response	Category I	requency				ation (r)*		
No.	Item	Mean	SD	0	1	2	3	4	Worst itch	Average itch	Frequency of itch		
Q1	because of itch, I was less active.	2.90	1.17	91 (15.2%)	117 (20.2%)	210 (35.2%)	128 (21.2%)	54 (9.2%)	0.59	0.60	0.59		
Q2	because of itch, I limited exercising.	2.84	1.27	121 (20.2%)	108 (18.2%)	184 (31.2%)	118 (20.2%)	69 (12.2%)	0.55	0.56	0.51		
Q3	because of itch, it was hard to do some types of exercise.	2.89	1.27	117 (20.2%)	105 (18.2%)	169 (28.2%)	145 (24.2%)	64 (11.2%)	0.57	0.59	0.53		
Q4	because of itch, it was hard to run.	2.76	1.32	152 (25.2%)	90 (15.2%)	172 (29.2%)	120 (20.2%)	66 (11.2%)	0.53	0.58	0.52		
Q5	because of itch, it was hard to walk.	2.55	1.24	158 (26.2%)	139 (23.2%)	165 (28.2%)	94 (16.2%)	44 (7.2%)	0.55	0.59	0.51		
Q6	because of itch, it was hard to do vigorous physical activity, such as running, lifting heavy objects, or participating in strenuous sports.	2.86	1.30	120 (20.2%)	122 (20.2%)	155 (26.2%)	131 (22.2%)	72 (12.2%)	0.55	0.56	0.52		
Q7	because of itch, it was hard to do moderate physical activity, such as moving a table, pushing a vacuum cleaner, bowling, or playing golf.	2.69	1.23	131 (22.2%)	134 (22.2%)	167 (28.2%)	124 (21.2%)	44 (7.2%)	0.57	0.59	0.53		
Q8	because of itch, it was hard to do light physical activity.	2.64	1.22	135 (23.2%)	144 (24.2%)	172 (29.2%)	101 (17.2%)	48 (8.2%)	0.55	0.60	0.50		
Q9	because of itch, I sat around more than usual.	2.92	1.30	120 (20.2%)	96 (16.2%)	167 (28.2%)	144 (24.2%)	73 (12.2%)	0.60	0.61	0.55		
Q10	because of itch, it was hard to do activities that made me sweat.	3.12	1.30	92 (15.2%)	87 (15.2%)	185 (31.2%)	128 (21.2%)	108 (18.2%)	0.57	0.55	0.57		
Q11	because of itch, I did as little as possible physically.	2.85	1.25	116 (19.2%)	108 (18.2%)	188 (31.2%)	124 (21.2%)	64 (11.2%)	0.59	0.61	0.56		
Q12	because of itch, I had balance problems.	2.28	1.31	248 (41.2%)	101 (17.2%)	130 (22.2%)	78 (13.2%)	43 (7.2%)	0.41	0.49	0.40		
Q13	because of itch, I limited the clothing I could wear.	3.12	1.27	91 (15.2%)	79 (13.2%)	194 (32.2%)	139 (23.2%)	97 (16.2%)	0.55	0.52	0.53		
Q14	because of itch, it was hard to wear short-sleeves.	2.57	1.30	176 (29.2%)	115 (19.2%)	152 (25.2%)	106 (18.2%)	51 (9.2%)	0.47	0.51	0.43		
Q15	because of itch, it was hard to wear shorts.	2.66	1.38	178 (30.2%)	100 (17.2%)	151 (25.2%)	93 (16.2%)	78 (13.2%)	0.51	0.56	0.47		

Suppl	upplementary Table S1. Summary statistics and correlation of item responses with intensity of worst and average itch and frequency of itch. Response Category Frequency Pearson correlation (r)*												
Item					Response	Category I	requency		Pear	son correla	ation (r)*		
No.	Item	Mean	SD	0	1	2	3	4	Worst itch	Average itch	Frequency of itch		
Q16	because of itch, it was hard to wear wool clothing.	3.30	1.46	111 (19.2%)	69 (12.2%)	122 (20.2%)	128 (21.2%)	170 (28.2%)	0.48	0.49	0.46		
Q17	because of itch, it was hard to wear tight clothing.	3.25	1.31	86 (14.2%)	70 (12.2%)	184 (31.2%)	131 (22.2%)	129 (22.2%)	0.54	0.54	0.55		
Q18	because of itch, it was hard to wear warm clothing.	3.09	1.33	104 (17.2%)	83 (14.2%)	174 (29.2%)	132 (22.2%)	107 (18.2%)	0.52	0.53	0.51		
Q19	because of itch, it was hard to wear certain shoes.	2.59	1.38	196 (33.2%)	92 (15.2%)	146 (24.2%)	97 (16.2%)	69 (12.2%)	0.43	0.45	0.39		
Q20	It was hard to wear shorts because of how my legs looked.	2.80	1.37	153 (26.2%)	98 (16.2%)	149 (25.2%)	118 (20.2%)	82 (14.2%)	0.46	0.50	0.45		
Q21	because of itch, my physical activities were limited.	2.83	1.25	122 (20.2%)	102 (17.2%)	198 (33.2%)	114 (19.2%)	64 (11.2%)	0.58	0.61	0.54		
Q22	because of itch, I was nervous.	3.05	1.30	100 (17.2%)	94 (16.2%)	177 (30.2%)	133 (22.2%)	96 (16.2%)	0.51	0.55	0.50		
Q23	I was afraid my itch would never go away.	3.34	1.21	56 (9.2%)	83 (14.2%)	186 (31.2%)	153 (26.2%)	122 (20.2%)	0.60	0.59	0.60		
Q24	my itch was annoying.	3.89	1.11	22 (4.2%)	42 (7.2%)	147 (25.2%)	159 (27.2%)	230 (38.2%)	0.53	0.49	0.57		
Q25	because of itch, my thinking was slowed.	2.55	1.33	176 (29.2%)	131 (22.2%)	140 (23.2%)	91 (15.2%)	62 (10.2%)	0.49	0.55	0.43		
Q26	because of itch, I felt angry.	3.05	1.29	100 (17.2%)	91 (15.2%)	181 (30.2%)	134 (22.2%)	94 (16.2%)	0.50	0.52	0.44		
Q27	because of itch, I felt sad.	2.76	1.32	141 (24.2%)	111 (19.2%)	176 (29.2%)	97 (16.2%)	75 (13.2%)	0.48	0.51	0.46		
Q28	because of itch, I felt depressed.	2.69	1.35	158 (26.2%)	119 (20.2%)	158 (26.2%)	84 (14.2%)	81 (14.2%)	0.50	0.55	0.46		
Q29	because of itch, I felt irritable.	3.31	1.20	57 (10.2%)	83 (14.2%)	190 (32.2%)	157 (26.2%)	113 (19.2%)	0.51	0.50	0.43		
Q30	because of itch, I felt miserable.	3.15	1.28	77 (13.2%)	109 (18.2%)	175 (29.2%)	124 (21.2%)	115 (19.2%)	0.56	0.57	0.52		
Q31	because of itch, I felt frustrated.	3.42	1.23	59 (10.2%)	60 (10.2%)	194 (32.2%)	144 (24.2%)	143 (24.2%)	0.55	0.54	0.49		
Q32	because of itch, I felt embarrassed.	2.98	1.32	107 (18.2%)	108 (18.2%)	174 (29.2%)	112 (19.2%)	99 (17.2%)	0.55	0.53	0.47		

	ementary Table S1. Summary statistics and				Response					son correla	
Item No.	Item	Mean	SD	0	1	2	3	4	Worst itch	Average itch	. ` ′
Q33	because of itch, I was distracted.	3.21	1.19	56 (9.2%)	103 (17.2%)	201 (34.2%)	139 (23.2%)	101 (17.2%)	0.57	0.56	0.52
Q34	I worried that others would see me scratching.	3.23	1.29	78 (13.2%)	88 (15.2%)	180 (30.2%)	129 (22.2%)	125 (21.2%)	0.53	0.55	0.52
Q35	because of itch, I was self-conscious.	3.24	1.26	75 (13.2%)	79 (13.2%)	188 (31.2%)	143 (24.2%)	115 (19.2%)	0.57	0.56	0.55
Q36	because of itch, people avoided touching me (ex: holding my hand).	2.54	1.39	199 (33.2%)	109 (18.2%)	135 (23.2%)	82 (14.2%)	75 (13.2%)	0.43	0.47	0.42
Q37	because of itch, I avoided certain foods.	2.50	1.35	200 (33.2%)	107 (18.2%)	146 (24.2%)	85 (14.2%)	62 (10.2%)	0.38	0.44	0.36
Q38	because of itch, it was hard to shower or take a bath.	2.53	1.36	195 (33.2%)	106 (18.2%)	151 (25.2%)	81 (14.2%)	67 (11.2%)	0.46	0.48	0.44
Q39	because of itch, it was hard to watch television.	2.48	1.30	192 (32.2%)	124 (21.2%)	141 (24.2%)	93 (16.2%)	50 (8.2%)	0.49	0.53	0.46
Q40	because of itch, it was hard to play games (ex: board games, computer games, phone apps).	2.57	1.37	188 (31.2%)	111 (19.2%)	146 (24.2%)	84 (14.2%)	71 (12.2%)	0.47	0.51	0.47
Q41	because of itch, it was hard to read a book.	2.58	1.33	170 (28.2%)	135 (23.2%)	137 (23.2%)	93 (16.2%)	65 (11.2%)	0.48	0.52	0.44
Q42	because of itch, it was hard to watch a movie.	2.53	1.31	179 (30.2%)	126 (21.2%)	151 (25.2%)	87 (15.2%)	57 (10.2%)	0.49	0.53	0.47
Q43	because of itch, I had to stop what I was doing to scratch.	3.44	1.19	50 (8.2%)	68 (11.2%)	184 (31.2%)	165 (28.2%)	133 (22.2%)	0.57	0.56	0.58
Q44	because of itch, I made more mistakes than normal.	2.66	1.25	133 (22.2%)	152 (25.2%)	156 (26.2%)	103 (17.2%)	56 (9.2%)	0.52	0.54	0.46
Q45	because of itch, it was hard to sit still.	3.14	1.26	75 (13.2%)	109 (18.2%)	186 (31.2%)	120 (20.2%)	110 (18.2%)	0.56	0.57	0.52
Q46	because of itch, it was hard to do even simple tasks.	2.77	1.31	130 (22.2%)	134 (22.2%)	152 (25.2%)	112 (19.2%)	72 (12.2%)	0.54	0.60	0.53
Q47	because of itch, it was hard to relax	3.20	1.20	57 (10.2%)	110 (18.2%)	194 (32.2%)	136 (23.2%)	103 (17.2%)	0.59	0.58	0.53
Q48	because of itch, I was restless.	3.25	1.22	58 (10.2%)	102 (17.2%)	185 (31.2%)	143 (24.2%)	112 (19.2%)	0.60	0.59	0.57
Q49	my itch interfered with my sex life.	2.60	1.44	202 (34.2%)	96 (16.2%)	125 (21.2%)	93 (16.2%)	84 (14.2%)	0.48	0.51	0.47

Suppl	upplementary Table S1. Summary statistics and correlation of item responses with intensity of worst and average itch and frequency of itch. Response Category Frequency Pearson correlation (r)*												
Item					Response	Category I	requency		Pear	son correla	ation (r)*		
No.	Item	Mean	SD	0	1	2	3	4	Worst itch	Average itch	Frequency of itch		
Q50	because of itch, I had difficulty falling asleep.	3.24	1.22	64 (11.2%)	96 (16.2%)	181 (30.2%)	153 (26.2%)	106 (18.2%)	0.59	0.56	0.57		
Q51	because of itch, I had trouble staying asleep.	3.06	1.32	102 (17.2%)	100 (17.2%)	162 (27.2%)	133 (22.2%)	103 (17.2%)	0.54	0.54	0.54		
Q52	because of itch, I had trouble sleeping.	3.18	1.31	85 (14.2%)	95 (16.2%)	169 (28.2%)	132 (22.2%)	119 (20.2%)	0.56	0.55	0.56		
Q53	because of itch, my sleep was restless.	3.10	1.28	89 (15.2%)	101 (17.2%)	171 (29.2%)	140 (23.2%)	99 (17.2%)	0.55	0.55	0.56		
Q54	because of itch, I was absent from work.	2.15	1.35	300 (50.2%)	76 (13.2%)	103 (17.2%)	76 (13.2%)	45 (8.2%)	0.39	0.45	0.36		
Q55	because of itch, it was hard to work.	2.72	1.32	150 (25.2%)	113 (19.2%)	159 (27.2%)	113 (19.2%)	65 (11.2%)	0.50	0.55	0.48		
Q56	I limited activities with others because of how my skin looked.	2.69	1.35	164 (27.2%)	109 (18.2%)	150 (25.2%)	105 (18.2%)	72 (12.2%)	0.51	0.53	0.49		
Q57	because of itch, I avoided being around people.	2.65	1.35	169 (28.2%)	112 (19.2%)	149 (25.2%)	101 (17.2%)	69 (12.2%)	0.51	0.55	0.47		
Q58	because of itch, I avoided going out with friends.	2.63	1.38	180 (30.2%)	108 (18.2%)	141 (24.2%)	96 (16.2%)	75 (13.2%)	0.50	0.55	0.47		
Q59	because of itch, I avoided going to social events.	2.62	1.40	193 (32.2%)	92 (15.2%)	140 (23.2%)	103 (17.2%)	72 (12.2%)	0.52	0.54	0.49		
Q60	because of itch, people treated me differently.	2.30	1.33	239 (40.2%)	116 (19.2%)	119 (20.2%)	77 (13.2%)	49 (8.2%)	0.42	0.46	0.38		
Q61	because of itch, I stayed home most of the time.	2.78	1.40	158 (26.2%)	103 (17.2%)	140 (23.2%)	109 (18.2%)	90 (15.2%)	0.48	0.52	0.50		
Q62	because of itch, I avoided interacting with other people.	2.63	1.38	178 (30.2%)	113 (19.2%)	139 (23.2%)	95 (16.2%)	75 (13.2%)	0.50	0.54	0.50		
Q63	my Itch bothered people around me	2.45	1.34	211 (35.2%)	110 (18.2%)	135 (23.2%)	89 (15.2%)	55 (9.2%)	0.43	0.47	0.41		
Q64	people told me to stop scratching.	2.72	1.34	158 (26.2%)	100 (17.2%)	171 (29.2%)	95 (16.2%)	76 (13.2%)	0.49	0.51	0.46		
Q65	because of itch, I had to depend on the help of other people.	2.29	1.30	245 (41.2%)	103 (17.2%)	125 (21.2%)	89 (15.2%)	38 (6.2%)	0.45	0.49	0.39		
Q66	I worried that my itch would get worse if people touched me.	2.47	1.42	227 (38.2%)	90 (15.2%)	127 (21.2%)	84 (14.2%)	72 (12.2%)	0.45	0.49	0.43		

Suppl	Supplementary Table S1. Summary statistics and correlation of item responses with intensity of worst and average itch and frequency of itch. Response Category Frequency Pearson correlation (r)*													
Item	<u> </u>			_	Response (Category I	requency		Pear	son correla	ation (r)*			
No.	Item	Mean	SD	0	1	2	3	4	Worst itch	Average itch	Frequency of itch			
Q67	because of itch, it was hard to interact with my family.	2.43	1.35	218 (36.2%)	106 (18.2%)	132 (22.2%)	89 (15.2%)	55 (9.2%)	0.46	0.51	0.42			
Q68	because of itch, I avoided hugging people.	2.53	1.41	215 (36.2%)	92 (15.2%)	123 (21.2%)	102 (17.2%)	68 (11.2%)	0.47	0.50	0.42			
Q69	I was tired of people asking questions about my itching and scratching.	2.73	1.39	173 (29.2%)	84 (14.2%)	154 (26.2%)	108 (18.2%)	81 (14.2%)	0.50	0.51	0.48			
Q70	my clothing got bloody from scratching. Select only one option.	2.44	1.33	206 (34.2%)	119 (20.2%)	143 (24.2%)	72 (12.2%)	60 (10.2%)	0.47	0.46	0.42			
Q71	I scratched myself until I bled.	2.55	1.29	171 (29.2%)	128 (21.2%)	159 (27.2%)	86 (14.2%)	56 (9.2%)	0.47	0.50	0.43			
Q72	I worried about flaking skin from scratching.	2.99	1.33	105 (18.2%)	123 (21.2%)	144 (24.2%)	130 (22.2%)	98 (16.2%)	0.52	0.53	0.51			
Q73	I worried about getting scars from scratching.	2.92	1.42	126 (21.2%)	131 (22.2%)	124 (21.2%)	102 (17.2%)	117 (20.2%)	0.52	0.54	0.47			
Q74	it was hard to stop scratching or rubbing.	3.40	1.18	42 (7.2%)	92 (15.2%)	180 (30.2%)	157 (26.2%)	129 (22.2%)	0.58	0.57	0.58			
Q75	I worried about having open wounds from scratching.	2.89	1.38	133 (22.2%)	117 (20.2%)	126 (21.2%)	130 (22.2%)	94 (16.2%)	0.55	0.59	0.50			

^{*} Pearson correlation, P<0.0001 for all.

	Item		Calib	ration Statis	tics	
Number	Stem	Descrimination	Location	Location	Location	Location
Q22	because of itch, I had balance problems.	2.7439	-0.3185	0.1812	0.9159	1.6642
Q35	because of itch, my thinking was slowed.	2.9998	-0.6902	-0.0392	0.6988	1.3975
Q46	because of itch, people avoided touching me (ex: holding my hand).	3.2614	-0.5524	-0.0024	0.6687	1.2309
Q47	because of itch, I avoided certain foods.	2.5469	-0.5868	-0.0382	0.7445	1.4554
Q48	because of itch, it was hard to shower or take a bath.	3.1178	-0.5856	-0.0495	0.7318	1.333
Q49	because of itch, it was hard to watch television.	3.3948	-0.578	0.0279	0.7219	1.4633
Q50	because of itch, it was hard to play games (ex: board games, computer games, phone apps).	3.6031	-0.5927	-0.0457	0.6535	1.2273
Q51	because of itch, it was hard to read a book.	3.3961	-0.7077	-0.0297	0.651	1.3129
Q52	because of itch, it was hard to watch a movie.	3.8095	-0.636	-0.0244	0.7037	1.3456
Q54	because of itch, I made more mistakes than normal.	3.304	-0.9326	-0.1188	0.6523	1.4169
Q56	because of itch, it was hard to do even simple tasks.	3.6659	-0.9355	-0.2073	0.5166	1.2266
Q59	my itch interfered with my sex life.	3.1966	-0.5451	-0.0539	0.5684	1.1601
Q64	because of itch, I was absent from work.	3.6651	-0.0541	0.2955	0.8443	1.5142
Q65	because of itch, it was hard to work.	3.3274	-0.8301	-0.2061	0.5564	1.3151
Q66	I limited activities with others because of how my skin looked.	3.2059	-0.7441	-0.1507	0.5786	1.2624
Q67	because of itch, I avoided being around people.	3.7958	-0.7027	-0.1258	0.5871	1.2292
Q70	because of itch, people treated me differently.	3.5522	-0.3536	0.2029	0.8336	1.4647
Q72	because of itch, I avoided interacting with other people.	3.4589	-0.6478	-0.0626	0.595	1.2054
Q73	my Itch bothered people around me.	3.3642	-0.4909	0.0453	0.7326	1.4188
Q74	people told me to stop scratching.	2.4718	-0.8191	-0.2529	0.6407	1.3299
Q75	because of itch, I had to depend on the help of other people.	3.5986	-0.3137	0.1792	0.8147	1.6113
Q76	I worried that my itch would get worse if people touched me.	3.6428	-0.3852	0.0588	0.6754	1.2249
Q77	because of itch, it was hard to interact with my family.	4.5248	-0.4376	0.0693	0.6905	1.3294
Q78	because of itch, I avoided hugging people.	3.7169	-0.4448	0.0154	0.6036	1.2566

Q79	I was tired of people asking questions about my itching and scratching.	2.7188	-0.7177	-0.2288	0.5624	1.2466
Q32	because of itch, I was nervous.	2.655	-1.147	-0.5581	0.3243	1.1711
Q33	I was afraid my itch would never go away	2.6089	-1.571	-0.8387	0.1085	0.9741
Q36	because of itch, I felt angry	2.6509	-1.1369	-0.5615	0.3383	1.1898
Q37	because of itch, I felt sad	2.6596	-0.8507	-0.2609	0.6291	1.3605
Q38	because of itch, I felt depressed	2.6852	-0.7508	-0.1548	0.6561	1.2906
Q40	because of itch,I felt miserable.	3.4998	-1.2421	-0.5573	0.259	0.9645
Q41	because of itch, I felt frustrated.	3.2349	-1.4299	-0.9126	0.0468	0.7907
Q42	because of itch,I felt embarrassed.	2.6975	-1.0639	-0.4323	0.4081	1.1341
Q43	because of itch, I was distracted.	2.8272	-1.5468	-0.7409	0.2583	1.1159
Q44	I worried that others would see me scratching.	2.4352	-1.3671	-0.7209	0.2088	0.9777
Q45	because of itch, I was self-conscious.	2.7822	-1.3275	-0.735	0.197	1.0095
Q53	because of itch, I had to stop what I was doing to scratch.	2.3847	-1.7033	-1.0289	0.013	0.9411
Q55	because of itch, it was hard to sit still.	2.919	-1.3037	-0.5837	0.3101	1.0373
Q57	because of itch, it was hard to relax.	3.2879	-1.4678	-0.6576	0.2781	1.0741
Q58	because of itch, I was restless.	3.577	-1.4081	-0.6861	0.1703	0.9799
Q60	because of itch, I had difficulty falling asleep.	3.3144	-1.372	-0.6843	0.1767	1.0434
Q61	because of itch, I had trouble staying asleep.	3.0339	-1.0743	-0.4823	0.2981	1.0837
Q63	because of itch, my sleep was restless.	3.3468	-1.1538	-0.5436	0.2734	1.0901
Q11	because of itch, I was less active.	3.7463	-1.1128	-0.3262	0.5907	1.4251
Q12	because of itch, I limited exercising.	4.3319	-0.8393	-0.2216	0.5568	1.2357
Q13	because of itch, it was hard to do some types of exercise.	4.0771	-0.8867	-0.2509	0.4688	1.2902
Q14	because of itch, it was hard to run.	4.0188	-0.6492	-0.1698	0.5702	1.2758
Q15	because of itch, it was hard to walk.	4.0415	-0.5939	0.0617	0.8045	1.5096
Q16	because of itch, it was hard to do vigorous physical activity, such	4.2814	-0.8491	-0.1548	0.4951	1.2241
Q14 Q15 Q16	as running, lifting heavy objects, or participating in strenuous sports.		V.V.2	32.3	22	
	because of itch, it was hard to do moderate physical activity, such					
Q17	as moving a table, pushing a vacuum cleaner, bowling, or playing golf.	4.7387	-0.7564	-0.0594	0.6488	1.4602
	gon.					

Q19	because of itch, I sat around more than usual.	3.8381	-0.8595	-0.2851	0.4356	1.2445
Q20	because of itch, it was hard to do activities that made me sweat.	3.2786	-1.129	-0.4988	0.3617	1.0313
Q21	because of itch, I did as little as possible physically.	4.298	-0.8668	-0.2277	0.5511	1.2907
Q23	because of itch, I limited the clothing I could wear.	2.4662	-1.2306	-0.607	0.3925	1.2079
Q24	because of itch, it was hard to wear short-sleeves.	2.5739	-0.5965	0.0032	0.7576	1.6012
Q29	because of itch, it was hard to wear certain shoes.	2.1827	-0.516	-0.0396	0.7227	1.5006
Q31	because of itch, my physical activities were limited.	4.5942	-0.8352	-0.2544	0.5803	1.2699
€ 4 <u>681</u>	I scratched myself until I bled.	2.7959	-0.6631	-0.0065	0.8183	1.5405
ank 4	I worried about flaking skin from scratching.	2.8068	-1.0971	-0.3393	0.3693	1.1423
E 8Q, pa	I worried about getting scars from scratching.	3.5448	-0.8943	-0.2092	0.3686	0.9461

Suppl	supplemental Table S3. Correlation between items in bank-1 (PIQ-interference).																							
Item	Q12	Q25	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q44	Q46	Q49	Q54	Q55	Q56	Q57	Q60	Q62	Q63	Q64	Q65	Q66	Q67	Q68
Q12	1.00																							
Q25	0.71	1.00																						
Q36	0.66	0.67	1.00																					
Q37	0.65	0.63	0.69	1.00																				
Q38	0.69	0.70	0.71	0.69	1.00																			
Q39	0.70	0.71	0.69	0.66	0.73	1.00																		
Q40	0.67	0.71	0.69	0.68	0.73	0.78	1.00																	
Q41	0.68	0.71	0.67	0.66	0.69	0.78	0.82	1.00																
Q42	0.68	0.73	0.71	0.66	0.69	0.80	0.82	0.84	1.00															
Q44	0.67	0.75	0.70	0.62	0.71	0.74	0.75	0.77	0.77	1.00														
Q46	0.66	0.75	0.70	0.67	0.72	0.73	0.77	0.73	0.76	0.76	1.00													
Q49	0.65	0.68	0.69	0.66	0.68	0.69	0.72	0.69	0.71	0.68	0.73	1.00												
Q54	0.72	0.66	0.72	0.70	0.69	0.70	0.69	0.69	0.70	0.67	0.68	0.68	1.00											
Q55	0.64	0.69	0.67	0.63	0.69	0.68	0.71	0.72	0.72	0.72	0.77	0.71	0.72	1.00										
Q56	0.63	0.65	0.70	0.62	0.72	0.68	0.69	0.67	0.70	0.69	0.74	0.70	0.68	0.75	1.00									
Q57	0.67	0.68	0.73	0.63	0.71	0.71	0.68	0.68	0.71	0.69	0.75	0.73	0.70	0.73	0.81	1.00								
Q60	0.69	0.67	0.76	0.67	0.70	0.71	0.69	0.66	0.70	0.68	0.69	0.69	0.76	0.70	0.71	0.75	1.00							
Q62	0.64	0.68	0.68	0.63	0.70	0.71	0.67	0.67	0.69	0.69	0.73	0.72	0.66	0.72	0.76	0.82	0.74	1.00						
Q63	0.68	0.69	0.73	0.69	0.68	0.71	0.69	0.67	0.71	0.65	0.70	0.68	0.73	0.69	0.69	0.73	0.81	0.74	1.00					
Q64	0.60	0.62	0.64	0.63	0.65	0.63	0.64	0.62	0.65	0.61	0.66	0.62	0.64	0.63	0.66	0.64	0.65	0.63	0.69	1.00				
Q65	0.71	0.68	0.70	0.68	0.71	0.68	0.71	0.71	0.71	0.70	0.70	0.69	0.74	0.68	0.69	0.71	0.74	0.70	0.77	0.71	1.00			
Q66	0.67	0.71	0.75	0.67	0.71	0.70	0.70	0.68	0.72	0.70	0.72	0.71	0.72	0.70	0.71	0.73	0.74	0.71	0.74	0.70	0.75	1.00		
Q67	0.71	0.74	0.75	0.68	0.75	0.75	0.77	0.75	0.76	0.73	0.75	0.73	0.76	0.73	0.72	0.76	0.78	0.77	0.76	0.69	0.79	0.77	1.00	
Q68	0.67	0.69	0.74	0.65	0.70	0.69	0.71	0.73	0.72	0.70	0.73	0.73	0.70	0.70	0.73	0.76	0.73	0.78	0.72	0.64	0.73	0.77	0.80	1.00
Q69	0.60	0.63	0.67	0.60	0.68	0.65	0.65	0.65	0.68	0.63	0.68	0.66	0.61	0.68	0.70	0.72	0.70	0.67	0.68	0.74	0.67	0.72	0.68	0.71

Supplementary Table S4. Correlation between items in bank-2 (PIQ-mood and sleep).

Item	Q22	Q23	Q26	Q27	Q28	Q30	Q31	Q32	Q33	Q34	Q35	Q43	Q45	Q47	Q48	Q50	Q51
Q22	1.00																
Q23	0.65	1.00															
Q26	0.68	0.61	1.00														
Q27	0.66	0.61	0.72	1.00													
Q28	0.69	0.59	0.72	0.82	1.00												
Q30	0.66	0.71	0.70	0.70	0.71	1.00											
Q31	0.65	0.67	0.71	0.65	0.62	0.73	1.00										
Q32	0.67	0.61	0.64	0.65	0.68	0.68	0.62	1.00									
Q33	0.64	0.63	0.66	0.66	0.63	0.69	0.69	0.63	1.00								
Q34	0.63	0.59	0.58	0.59	0.61	0.64	0.64	0.68	0.57	1.00							
Q35	0.64	0.62	0.59	0.60	0.60	0.67	0.66	0.72	0.63	0.81	1.00						
Q43	0.58	0.63	0.55	0.50	0.53	0.63	0.66	0.54	0.61	0.61	0.62	1.00					
Q45	0.62	0.61	0.62	0.59	0.59	0.67	0.67	0.63	0.68	0.60	0.64	0.71	1.00				
Q47	0.62	0.65	0.66	0.59	0.61	0.70	0.70	0.60	0.68	0.62	0.67	0.73	0.73	1.00			
Q48	0.65	0.64	0.64	0.61	0.61	0.71	0.70	0.61	0.68	0.62	0.67	0.71	0.77	0.82	1.00		
Q50	0.61	0.65	0.62	0.61	0.61	0.70	0.69	0.63	0.64	0.60	0.66	0.63	0.67	0.74	0.73	1.00	
Q51	0.59	0.61	0.60	0.64	0.64	0.66	0.66	0.65	0.64	0.58	0.63	0.59	0.66	0.64	0.69	0.80	1.00
Q53	0.64	0.65	0.63	0.66	0.65	0.70	0.67	0.67	0.65	0.60	0.63	0.62	0.69	0.69	0.74	0.81	0.84

Supplementary Table S5. Correlation between items in bank-3 (PIQ-clothing and physical activity).

Item O1 O2 O3 O4 O5 O6 O7 O8 O9 O10 O11 O13 O14 O19

Item	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q13	Q14	Q19
Q1	1.00													
Q2	0.81	1.00												
Q3	0.76	0.80	1.00											
Q4	0.74	0.78	0.78	1.00										
Q5	0.73	0.74	0.73	0.81	1.00									
Q6	0.73	0.79	0.80	0.81	0.78	1.00								
Q7	0.76	0.77	0.78	0.79	0.78	0.80	1.00							
Q8	0.75	0.75	0.75	0.76	0.80	0.73	0.83	1.00						
Q9	0.74	0.76	0.75	0.72	0.72	0.75	0.77	0.77	1.00					
Q10	0.71	0.75	0.73	0.73	0.66	0.74	0.75	0.70	0.76	1.00				
Q11	0.74	0.79	0.75	0.73	0.74	0.76	0.78	0.77	0.82	0.77	1.00			
Q13	0.66	0.68	0.66	0.65	0.64	0.65	0.68	0.68	0.67	0.68	0.67	1.00		
Q14	0.65	0.65	0.65	0.64	0.68	0.66	0.70	0.72	0.62	0.59	0.66	0.66	1.00	
Q19	0.60	0.61	0.56	0.60	0.65	0.60	0.65	0.66	0.59	0.54	0.60	0.57	0.63	1.00
Q21	0.74	0.79	0.77	0.73	0.76	0.80	0.79	0.78	0.77	0.75	0.82	0.69	0.68	0.63

Supplementary Table S6. Correlation between items in bank-4 (PIQ-Scratching behavior).

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Item	Q71	Q72	Q73	Q74
Q71	1.00			
Q72	0.65	1.00		
Q73	0.68	0.69	1.00	
Q74	0.58	0.62	0.65	1.00
Q75	0.73	0.72	0.77	0.68