Consortium PSYCHIATRICUM

Table S1. Risk Factors of Eating Disorder (RFED) Questionnaire: Item scoring

	In English	True	Somewhat true	False
1	I get very upset when my work contains errors	3	2	1
2	I think my family underestimates me	3	2	1
3	Sometimes I can't tell if I'm hungry or upset	3	2	1
4	I have mood swings	3	2	1
5	I think I can't be happy until I lose weight	3	2	1
6	I would like to be an honors-student	3	2	1
7	I worry about my future	3	2	1
8	I feel like I'm worse than others	3	2	1
9	I feel like I can't achieve much in life	3	2	1
10	I am afraid of doing something wrong because I will be judged in the family	3	2	1
11	I am often depressed	3	2	1
12	Weight affects my well-being, mood, self-esteem, and self-confidence	3	2	1
13	I strive for the ideal to live up to the hopes of my parents	3	2	1
14	Sometimes I feel tension that I can't explain	3	2	1
15	I often experience anxiety	3	2	1
16	I don't like my body	3	2	1
17	It seems to me that in childhood I lacked love and attention.	3	2	1
18	I watch my weight, weigh myself regularly	3	2	1
19	I always worry long and hard about what is happening to me	3	2	1
20	I would like to experience the thrill even at the risk of my life (for example, skydiving)	3	2	1
21	If I make a mistake, I always mentally "scroll" the situation for a long time	3	2	1
22	I love everything to be perfect	3	2	1
23	Sometimes I have feelings that I can't define	3	2	1
24	I try not to advertise my weight	3	2	1
25	I am not satisfied with the shape of my body	3	2	1
26	I like to take risks, it excites and agitates	3	2	1
27	I often cry	3	2	1
28	I have an ugly figure	3	2	1
29	I have incomprehensible physical sensations that I cannot explain	3	2	1
30	I am dissatisfy with my weight	3	2	1
31	My successes at home are hardly encouraged	3	2	1
32	I feel rejected by my family	3	2	1
33	I get very excited when I have to answer a lesson	3	2	1
34	My weight is unstable, it often fluctuates	3	2	1
35	I am too patronized and controlled in the family	3	2	1
36	I was brought up in strictness	3	2	1
37	In the family, I am often scolded for missteps and shortcomings	3	2	1
38	I often get annoyed over trifles	3	2	1
39	I often have a state of apathy, unwillingness to do anything	3	2	1
40	I often feel stressed	3	2	1
41	Often I can't figure out how I feel	3	2	1
42	I'm afraid to do something wrong	3	2	1
43	I don't see my place in the future	3	2	1
44	I like to do any things with the highest quality	3	2	1
45	It seems to me that my parents forbade me too much	3	2	1
46	I envy the looks of other girls	3	2	1

	In English	True	Somewhat true	False
47	I find it difficult to find the right words for my feelings	3	2	1
48	I'm afraid to gain weight	3	2	1
49	I don't like myself	3	2	1
50	If I was offered a weak drug, I would risk trying	3	2	1
51	I'm afraid fail with the school curriculum	3	2	1
52	I try to satisfy all demands that adults place on me	3	2	1
53	I want to lose weight	3	2	1
54	I don't believe in myself	3	2	1
55	I like to decorate my body with tattoos, piercings and scars	3	2	1

Note: The subscale scores are computed by summing all items assigned to these particular scales:
Perfectionism: 1, 6, 10, 13, 22, 44, 52
Alexithymia: 3, 14, 23, 29, 41, 47
Self-distrust: 8, 9, 42, 43, 49, 51, 54
Negative emotionality: 4, 7, 11, 15, 19, 21, 27, 33, 38, 39, 40
Risk behavior: 20, 26, 50, 55
Body dissatisfaction: 16, 25, 28, 46
Weight preoccupation: 5, 12, 18, 24, 30, 34, 48, 53
Family relationship dissatisfaction: 2, 17, 31, 32, 35, 36, 37, 45

Table S2. EAT-26: results of the exploratory factor analysis

Items	Factor loadings				
	1	2	3	4	5
1	**0.745**	0.210	0.061	0.015	−0.012
2	0.309	0.217	0.070	0.273	−0.336
3	0.087	0.111	0.051	0.282	**0.705**
4	0.301	−0.217	0.086	0.237	0.374
5	0.206	0.203	0.255	0.178	0.031
6	0.414	**0.625**	0.063	0.096	−0.096
7	0.064	**0.728**	0.017	0.265	0.026
8	0.019	0.0075	**0.804**	−0.056	−0.066
9	0.027	0.089	−0.016	**0.884**	0.036
10	0.393	0.097	0.101	0.437	0.188
11	**0.754**	0.245	0.074	0.087	0.140
12	**0.680**	0.255	−0.001	0.015	0.034
13	−0.102	−0.019	**0.782**	−0.075	0.033
14	**0.769**	0.104	0.019	0.088	0.130
15	0.278	0.088	0.445	0.154	0.124
16	0.099	**0.769**	−0.020	0.058	0.113
17	0.188	**0.861**	0.063	−0.132	0.030
18	0.361	0.259	0.131	0.155	0.412
19	0.250	0.356	0.208	0.147	0.147
20	0.135	0.016	**0.782**	0.123	−0.024
21	0.072	0.139	−0.063	−0.111	**0.721**
22	0.300	0.445	0.231	0.218	0.219
23	0.553	0.452	0.088	−0.108	0.221
24	0.474	0.283	0.075	0.262	−0.237
25	−0.008	0.084	0.060	**0.863**	0.066
26	−0.344	0.208	−0.102	0.018	−0.088
Variance explained (%)	14.74	13.00	8.92	8.88	6.72

Table S3. Results of the exploratory factor analysis of Temperament and Character Inventory (TCI-R)

	Items	Factor loadings for the main temperament traits							
		Before rotation				After rotation			
		Factors				Factors			
		1	2	3	4	1	2	3	4
Novelty Seeking	1	0.138	0.448	−0.131	−0.103	0.007	**0.490**	0.080	0.037
	53	−0.313	−0.025	0.018	0.068	−0.286	−0.135	0.040	0.045
	63	−0.074	−0.334	−0.103	−0.152	−0.025	−0.209	−0.317	−0.078
	104	0.392	0.353	−0.108	0.117	0.303	**0.394**	0.156	0.180
	122	0.160	0.505	−0.133	−0.081	0.019	**0.535**	0.118	0.060
	10	−0.002	0.440	−0.165	−0.022	−0.118	**0.427**	0.096	0.124
	47	−0.475	0.253	−0.182	−0.071	−0.540	0.167	−0.026	0.090
	71	0.026	0.427	0.032	−0.094	−0.079	**0.384**	0.189	−0.059
	102	0.366	0.282	−0.166	0.048	0.279	**0.372**	0.045	0.158
	123	−0.397	0.266	−0.267	−0.120	−0.481	0.245	−0.105	0.105
	14	−0.368	0.112	−0.218	0.263	−0.367	−0.027	0.048	0.356
	24	−0.156	0.424	−0.137	0.097	−0.246	**0.321**	0.171	0.199
	59	−0.162	0.420	−0.289	0.187	−0.254	**0.334**	0.111	0.364
	105	−0.262	0.241	−0.375	0.266	−0.308	0.159	0.003	0.467
	139	−0.277	0.101	−0.305	0.343	−0.275	−0.011	0.021	0.471
	44	0.086	0.416	−0.083	−0.069	−0.026	**0.420**	0.116	0.032
	51	0.162	0.459	−0.088	−0.009	0.044	**0.457**	0.163	0.084
	77	−0.565	−0.104	−0.136	0.010	−0.532	−0.198	−0.131	0.095
	109	−0.018	0.563	−0.001	−0.112	−0.157	**0.503**	0.226	−0.039
	135	−0.021	0.406	−0.033	0.111	−0.101	**0.303**	0.240	0.140
Harm Avoidance	2	−0.276	−0.075	0.018	0.059	−0.239	−0.165	0.010	0.033
	46	0.107	0.371	0.263	0.295	0.082	0.144	**0.520**	0.090
	61	−0.087	0.125	0.202	0.075	−0.083	−0.014	0.243	−0.058
	64	−0.165	−0.232	0.118	0.397	−0.046	−0.418	0.172	0.215
	82	0.093	0.427	0.318	0.230	0.053	0.192	**0.553**	0.009
	9	0.015	0.326	0.525	0.339	0.034	−0.021	**0.703**	−0.044
	38	−0.299	−0.236	0.255	0.318	−0.171	−0.475	0.227	0.070
	70	0.041	0.172	0.531	0.357	0.096	−0.150	**0.637**	−0.047
	103	−0.169	−0.461	0.193	0.351	0.002	−0.618	0.084	0.114
	113	0.066	0.152	0.603	0.293	0.124	−0.161	**0.644**	−0.145
	19	0.114	0.140	0.464	0.032	0.126	−0.019	**0.407**	−0.259
	30	−0.053	0.273	0.518	0.079	−0.053	0.011	**0.538**	−0.243
	78	−0.369	−0.199	0.408	0.071	−0.263	−0.427	0.226	−0.212
	86	−0.103	−0.172	0.425	0.302	0.017	−0.420	**0.366**	−0.048
	131	−0.272	−0.189	0.179	0.158	−0.182	−0.347	0.115	−0.002
	16	−0.137	0.108	0.473	−0.182	−0.134	−0.041	0.291	−0.428
	81	−0.421	−0.156	0.235	0.060	−0.340	−0.344	0.122	−0.107
	98	−0.296	−0.103	0.118	0.222	−0.222	−0.284	0.149	0.093
	121	−0.462	−0.176	0.223	0.232	−0.355	−0.428	0.193	0.032
	136	0.003	0.408	0.404	0.226	−0.022	0.125	**0.602**	−0.048

	Items	Factor loadings for the main temperament traits							
		Before rotation				After rotation			
		Factors				Factors			
		1	2	3	4	1	2	3	4
Reward Dependence	20	0.268	0.105	0.016	0.220	0.263	0.076	0.173	0.163
	31	−0.018	0.365	0.300	0.114	−0.056	0.158	0.451	−0.072
	54	0.321	0.032	0.146	0.200	0.340	−0.006	0.214	0.058
	65	−0.115	−0.109	−0.050	0.124	−0.075	−0.149	−0.024	0.120
	97	0.045	0.246	0.279	0.159	0.035	0.067	0.398	−0.035
	80	0.138	0.207	−0.342	0.337	0.096	0.203	0.038	**0.490**
	92	−0.022	−0.082	−0.555	0.204	−0.030	0.038	−0.321	**0.501**
	125	0.332	0.147	−0.382	0.213	0.277	0.264	−0.087	**0.412**
	127	−0.151	0.014	−0.327	0.424	−0.127	−0.070	0.001	**0.537**
	130	0.219	0.215	−0.194	0.191	0.168	0.235	0.068	0.283
	15	0.019	0.226	−0.271	0.308	−0.019	0.174	0.085	**0.426**
	79	−0.145	−0.058	−0.431	0.325	−0.127	−0.060	−0.158	**0.521**
	96	0.063	−0.159	−0.388	0.377	0.106	−0.120	−0.157	**0.522**
	110	−0.059	−0.116	−0.496	0.303	−0.040	−0.055	−0.245	**0.538**
	116	0.110	0.039	−0.407	0.335	0.100	0.079	−0.092	**0.517**
	11	0.005	−0.335	0.150	0.086	0.104	−0.357	−0.021	−0.056
	26	−0.055	−0.087	0.056	0.324	0.012	−0.221	0.163	0.209
	39	0.049	−0.098	−0.138	0.225	0.084	−0.102	−0.030	0.252
	85	−0.129	−0.332	0.122	−0.019	−0.040	−0.345	−0.091	−0.116
	138	−0.170	−0.417	0.000	0.240	−0.041	−0.478	−0.084	0.154
Persistence	8	0.469	−0.284	−0.050	0.137	**0.527**	−0.141	−0.116	0.105
	60	0.541	−0.275	0.096	0.100	**0.604**	−0.149	−0.031	−0.016
	94	0.633	−0.068	0.059	0.126	**0.645**	0.051	0.060	0.042
	114	0.620	−0.099	0.068	0.237	**0.655**	−0.021	0.108	0.120
	134	0.138	−0.388	−0.318	−0.174	0.167	−0.116	−0.508	0.033
	5	0.464	−0.168	0.065	0.046	**0.496**	−0.051	−0.024	−0.028
	22	0.574	−0.053	−0.068	0.039	**0.562**	0.120	−0.064	0.058
	45	0.488	−0.031	−0.061	0.096	**0.483**	0.093	−0.017	0.100
	111	0.496	−0.032	0.090	0.015	**0.494**	0.073	0.045	−0.057
	140	0.240	−0.482	−0.136	0.122	0.341	−0.333	−0.279	0.136
	37	0.175	0.358	−0.041	0.089	0.096	0.327	0.194	0.120
	62	0.629	−0.157	0.001	0.162	**0.660**	−0.017	−0.007	0.100
	72	0.615	−0.072	−0.010	0.095	**0.618**	0.076	−0.006	0.062
	117	0.495	0.089	−0.023	−0.162	**0.434**	0.273	−0.063	−0.113
	126	0.588	−0.151	0.035	−0.029	**0.599**	0.033	−0.078	−0.068
	55	0.573	−0.212	0.122	0.048	**0.616**	−0.078	−0.008	−0.068
	76	0.454	−0.065	0.137	−0.045	**0.459**	0.040	0.030	−0.135
	119	0.651	−0.105	0.070	0.033	**0.660**	0.055	0.001	−0.039
	129	0.243	−0.292	−0.089	0.039	0.295	−0.160	−0.193	0.058
	137	0.564	0.202	0.018	−0.154	**0.480**	0.369	0.025	−0.124

	Items	Factor loadings for the main character traits					
		Before rotation			After rotation		
		Factors			Factors		
		1	2	3	1	2	3
Self–Directedness	3	0.518	0.153	0.171	–0.197	**0.492**	0.201
	17	0.372	0.252	0.153	–0.033	**0.426**	0.208
	34	0.416	0.279	0.083	–0.056	**0.413**	0.290
	49	0.423	0.114	0.182	–0.160	**0.428**	0.129
	66	0.399	0.116	0.003	–0.180	**0.287**	0.241
	6	0.290	0.386	0.392	0.167	**0.592**	0.089
	35	–0.162	0.242	0.369	0.357	0.249	–0.178
	57	0.006	0.300	0.381	0.291	**0.381**	–0.079
	69	0.358	0.309	0.520	0.092	**0.696**	–0.014
	87	0.372	–0.058	–0.082	–0.305	0.149	0.184
	23	0.369	0.223	–0.017	–0.086	0.294	0.305
	58	0.407	0.147	0.264	–0.109	**0.488**	0.085
	108	0.451	0.015	0.436	–0.199	**0.588**	–0.090
	21	0.397	0.197	–0.296	–0.180	0.104	0.490
	83	0.374	0.112	–0.392	–0.246	–0.008	0.495
	48	0.445	0.187	0.204	–0.118	**0.483**	0.166
	90	0.512	0.040	0.178	–0.273	**0.453**	0.127
	100	0.509	–0.051	–0.002	–0.373	0.291	0.194
	107	0.373	0.186	0.454	–0.020	**0.615**	–0.035
	115	0.387	0.125	0.107	–0.143	**0.356**	0.170
Cooperativeness	4	0.020	0.318	–0.107	0.195	0.051	0.269
	28	0.369	0.295	–0.074	–0.045	0.279	**0.386**
	124	0.317	0.254	–0.352	–0.098	0.037	**0.527**
	133	0.312	0.209	–0.158	–0.087	0.154	**0.367**
	18	0.363	0.269	0.295	0.015	**0.527**	0.117
	41	–0.208	0.190	0.134	0.302	0.036	–0.069
	74	–0.356	0.292	0.070	**0.461**	–0.063	–0.030
	89	–0.370	0.295	–0.095	**0.439**	–0.187	0.077
	7	–0.236	0.410	0.222	**0.497**	0.160	–0.012
	27	0.200	0.342	–0.347	0.044	0.000	**0.525**
	50	–0.227	0.431	0.046	**0.471**	0.049	0.125
	84	0.319	–0.044	–0.008	–0.244	0.174	0.119
	33	0.265	0.350	–0.312	0.014	0.067	**0.534**
	67	0.387	0.402	–0.376	–0.042	0.116	**0.662**
	93	0.397	0.365	–0.306	–0.061	0.158	**0.597**
	128	0.372	0.435	–0.416	–0.016	0.090	**0.701**
	13	0.187	0.290	–0.265	0.032	0.031	**0.432**
	40	–0.176	0.300	–0.280	0.276	–0.197	0.291
	75	0.289	0.421	–0.043	0.104	0.297	**0.404**
	88	0.181	0.152	–0.212	–0.053	0.016	**0.313**

	Items	Factor loadings for the main character traits					
		Before rotation			After rotation		
		Factors			Factors		
		1	2	3	1	2	3
Self–Transcendence	25	–0.287	0.167	0.157	**0.342**	–0.004	–0.133
	42	–0.549	0.291	0.037	**0.580**	–0.204	–0.093
	56	–0.256	0.359	0.213	**0.472**	0.123	–0.045
	68	–0.234	0.199	0.038	**0.306**	–0.045	–0.010
	95	–0.520	0.068	–0.266	**0.338**	–0.481	–0.006
	112	–0.465	0.330	0.044	**0.555**	–0.135	–0.038
	12	–0.362	0.195	0.086	**0.398**	–0.090	–0.101
	29	–0.310	0.394	–0.108	**0.467**	–0.123	0.170
	73	–0.365	0.428	0.084	**0.567**	–0.009	0.037
	91	–0.357	0.435	–0.002	**0.550**	–0.063	0.103
	99	–0.489	0.346	–0.018	**0.570**	–0.187	0.004
	32	0.094	0.297	–0.148	0.123	0.060	0.317
	43	–0.403	0.383	0.222	**0.588**	0.049	–0.101
	52	–0.577	0.319	0.003	**0.612**	–0.236	–0.065
	106	–0.363	0.274	–0.083	**0.421**	–0.182	0.059
	118	–0.294	0.225	0.002	**0.358**	–0.097	0.003

	Items	Factor loadings for the main temperament and character traits													
		Before rotation							After rotation						
		Factors							Factors						
		1	2	3	4	5	6	7	1	2	3	4	5	6	7
Novelty Seeking	1	0.313	−0.059	−0.308	0.034	0.145	0.069	0.027	−0.005	−0.023	0.311	−0.249	0.074	−0.214	0.116
	53	−0.153	−0.201	0.065	0.229	0.151	0.053	0.111	−0.298	−0.021	0.094	0.192	−0.062	0.062	0.124
	63	−0.286	0.127	0.087	−0.118	0.206	0.098	−0.223	−0.097	0.322	−0.052	0.122	−0.046	0.029	−0.295
	104	0.391	0.198	−0.244	0.054	−0.017	−0.022	0.003	0.286	−0.057	0.258	−0.184	0.194	−0.158	0.084
	122	0.360	−0.088	−0.332	0.048	0.138	0.012	0.116	0.006	−0.088	0.310	−0.244	0.066	−0.273	0.200
	10	0.197	−0.166	−0.377	0.046	−0.085	0.004	0.137	−0.049	−0.076	0.100	−0.301	0.109	−0.132	**0.313**
	47	−0.165	−0.481	−0.263	0.030	0.043	0.086	0.122	−0.480	0.010	−0.041	−0.202	−0.072	−0.039	0.271
	71	0.307	−0.182	−0.196	0.031	0.119	0.159	0.066	−0.079	−0.095	0.315	−0.255	−0.058	−0.113	0.119
	102	0.339	0.195	−0.294	0.021	−0.093	−0.062	0.149	0.317	−0.049	0.158	−0.185	0.159	−0.182	0.234
	123	−0.177	−0.353	−0.327	0.093	0.111	0.133	0.208	−0.416	0.123	0.051	−0.133	−0.058	−0.066	**0.358**
	14	−0.186	−0.262	−0.201	0.322	−0.040	0.131	0.082	−0.355	0.042	0.076	−0.012	0.119	0.171	**0.309**
	24	0.143	−0.305	−0.355	0.026	−0.149	0.183	0.025	−0.179	−0.052	0.103	−0.429	0.055	0.043	0.249
	59	0.069	−0.259	−0.484	0.119	−0.228	0.048	0.305	−0.128	−0.049	0.009	−0.329	0.106	−0.038	**0.573**
	105	−0.129	−0.193	−0.434	0.260	−0.165	0.020	0.312	−0.203	0.054	−0.017	−0.113	0.167	0.019	**0.591**
	139	−0.194	−0.162	−0.283	0.283	−0.254	−0.001	0.378	−0.150	0.003	−0.108	0.004	0.110	0.121	**0.609**
	44	0.284	−0.118	−0.254	0.058	0.098	0.129	0.113	−0.035	−0.054	0.300	−0.231	−0.009	−0.134	0.189
	51	0.337	−0.057	−0.336	0.019	0.022	0.244	0.015	0.038	0.018	0.342	−0.380	0.039	−0.061	0.150
	77	−0.428	−0.350	−0.022	0.167	0.079	−0.055	−0.078	−0.531	0.063	−0.176	0.135	0.068	0.086	0.043
	109	0.385	−0.355	−0.269	−0.035	0.064	−0.077	0.089	−0.143	−0.291	0.179	−0.346	0.001	−0.286	0.166
	135	0.254	−0.210	−0.242	0.125	−0.082	0.229	0.051	−0.087	−0.102	0.263	−0.321	0.028	0.075	0.219
Harm Avoidance	2	−0.204	−0.233	0.058	−0.015	−0.055	−0.094	0.191	−0.202	−0.079	−0.221	0.084	−0.129	0.005	0.168
	46	0.397	−0.121	0.092	0.270	−0.098	−0.066	−0.026	0.053	−0.426	0.245	−0.032	0.132	0.066	0.034
	061	0.100	−0.201	0.076	0.013	−0.065	0.186	0.045	−0.088	−0.129	0.092	−0.125	−0.158	0.148	0.042
	064	−0.208	−0.004	0.184	0.266	−0.302	0.229	0.027	−0.030	0.002	−0.051	0.125	0.009	**0.507**	0.128
	82	0.469	−0.226	0.094	0.200	−0.062	−0.146	0.051	0.022	−0.533	0.221	−0.066	0.058	−0.053	0.065
	9	0.413	−0.271	0.295	0.210	−0.308	0.058	−0.045	0.042	−0.582	0.152	−0.120	−0.024	**0.312**	−0.016
	38	−0.242	−0.186	0.304	0.066	−0.329	0.073	−0.006	−0.120	−0.144	−0.273	0.085	−0.104	**0.420**	0.006
	70	0.336	−0.199	0.383	0.157	−0.281	−0.121	0.098	0.112	−0.606	0.010	0.056	−0.080	0.195	0.027
	103	−0.329	0.117	0.367	0.191	−0.277	0.156	−0.030	0.036	0.049	−0.176	0.289	−0.034	**0.524**	−0.034
	113	0.347	−0.181	0.435	0.147	−0.273	−0.034	−0.016	0.112	−0.577	0.057	0.027	−0.086	0.273	−0.091
	19	0.295	−0.111	0.295	−0.098	−0.254	0.042	−0.055	0.167	−0.371	−0.019	−0.144	−0.151	0.187	−0.145
	30	0.334	−0.320	0.302	0.024	−0.174	0.107	−0.145	−0.053	−0.463	0.111	−0.182	−0.134	0.235	−0.181
	78	−0.185	−0.277	0.453	0.109	−0.019	0.246	0.142	−0.245	−0.142	−0.008	0.219	−0.381	**0.368**	0.001
	86	−0.038	−0.063	0.438	0.164	−0.300	0.218	−0.016	0.038	−0.209	−0.031	0.126	−0.149	**0.524**	−0.057
	131	−0.232	−0.149	0.194	0.059	−0.225	0.302	0.017	−0.138	0.035	−0.099	−0.001	−0.177	**0.443**	0.047
	16	0.171	−0.334	0.347	−0.204	0.123	−0.066	−0.188	−0.177	−0.339	−0.020	−0.060	−0.246	−0.058	−0.379
	81	−0.269	−0.285	0.284	0.091	0.031	−0.035	0.099	−0.315	−0.125	−0.158	0.247	−0.187	0.138	0.019
	98	−0.166	−0.190	0.164	0.233	−0.126	0.076	−0.057	−0.222	−0.105	−0.041	0.112	0.029	**0.307**	0.023
	121	−0.293	−0.317	0.262	0.170	−0.169	0.087	−0.036	−0.332	−0.127	−0.175	0.129	−0.083	**0.376**	0.009
	136	0.445	−0.298	0.178	0.217	−0.116	−0.025	−0.142	−0.059	−0.542	0.237	−0.132	0.070	0.125	−0.091

	Items	Factor loadings for the main temperament and character traits													
		Before rotation							After rotation						
		Factors							Factors						
		1	2	3	4	5	6	7	1	2	3	4	5	6	7
Reward Dependence	20	0.275	0.235	0.031	0.371	0.092	–0.063	0.139	0.217	–0.143	0.352	0.243	0.167	–0.035	0.147
	31	0.343	–0.264	0.107	0.128	0.070	0.063	–0.060	–0.116	–0.340	0.282	–0.106	–0.053	0.017	–0.067
	54	0.297	0.260	0.139	0.191	–0.100	0.273	0.010	0.326	–0.058	0.343	0.015	–0.005	0.262	–0.002
	65	–0.125	0.018	0.047	0.223	0.134	0.070	–0.016	–0.133	0.084	0.130	0.196	0.051	0.089	0.012
	97	0.296	–0.120	0.166	0.191	0.120	0.019	–0.176	–0.066	–0.279	0.299	0.019	0.050	0.038	–0.190
	80	0.118	0.097	–0.334	0.233	–0.099	–0.358	–0.324	0.027	–0.083	–0.007	–0.083	**0.628**	–0.149	–0.037
	92	–0.256	0.212	–0.381	0.245	0.054	–0.194	–0.026	–0.054	0.291	–0.047	0.143	**0.433**	–0.131	0.202
	125	0.151	0.348	–0.351	0.233	–0.035	–0.264	–0.097	0.250	0.063	0.107	0.023	**0.525**	–0.191	0.109
	127	–0.161	–0.013	–0.249	0.335	–0.221	–0.210	–0.341	–0.158	0.000	–0.122	–0.017	**0.592**	0.138	0.012
	130	0.236	0.152	–0.203	0.240	0.131	–0.185	–0.087	0.089	–0.062	0.248	0.044	**0.344**	–0.205	0.026
	15	0.110	–0.018	–0.292	0.261	–0.094	–0.248	–0.334	–0.076	–0.108	0.043	–0.118	**0.556**	–0.060	–0.040
	79	–0.277	0.077	–0.308	0.303	–0.096	–0.074	–0.270	–0.170	0.224	–0.062	0.025	**0.505**	0.123	0.054
	96	–0.225	0.281	–0.233	0.262	–0.252	–0.006	–0.055	0.117	0.239	–0.089	0.070	**0.391**	0.211	0.197
	110	–0.298	0.187	–0.317	0.291	–0.080	–0.028	–0.223	–0.091	0.314	–0.040	0.059	**0.481**	0.127	0.079
	116	–0.013	0.189	–0.303	0.295	–0.124	–0.236	–0.107	0.075	0.040	–0.005	0.044	**0.513**	–0.045	0.151
	11	–0.128	0.127	0.280	0.023	–0.043	–0.052	0.000	0.090	–0.018	–0.116	0.248	–0.059	0.129	–0.109
	26	–0.093	0.019	0.103	0.222	–0.222	–0.042	–0.101	–0.002	–0.093	–0.085	0.110	0.188	0.259	0.008
	39	–0.102	0.205	–0.027	0.308	0.015	0.032	0.145	0.066	0.114	0.124	0.258	0.130	0.103	0.209
	85	–0.261	0.033	0.291	–0.017	0.041	–0.055	0.104	–0.039	0.032	–0.179	0.311	–0.173	0.079	–0.049
	138	–0.367	0.084	0.230	0.112	–0.158	–0.114	0.004	–0.027	0.045	–0.295	0.319	0.051	0.226	–0.006
Persistence	8	0.078	0.525	0.049	–0.048	–0.202	0.020	0.289	**0.579**	0.124	–0.033	0.138	–0.044	0.051	0.187
	60	0.160	0.495	0.183	–0.154	–0.208	–0.032	0.092	**0.599**	0.019	–0.072	0.089	–0.048	0.054	–0.063
	94	0.377	0.481	0.104	–0.074	–0.114	–0.157	0.159	**0.637**	–0.126	0.075	0.087	0.026	–0.132	0.008
	114	0.372	0.491	0.120	0.009	–0.140	–0.037	0.123	**0.623**	–0.096	0.154	0.081	0.038	–0.004	0.009
	134	–0.288	0.374	–0.109	–0.156	0.097	0.014	0.095	0.178	**0.441**	–0.135	0.148	–0.021	–0.101	0.031
	5	0.188	0.402	0.151	–0.099	–0.037	–0.055	0.157	**0.476**	–0.006	0.035	0.137	–0.083	–0.067	–0.019
	22	0.259	0.475	–0.078	–0.132	–0.132	–0.088	–0.063	**0.538**	0.063	0.026	–0.078	0.165	–0.099	–0.090
	45	0.269	0.421	–0.017	0.023	–0.054	–0.065	0.162	**0.485**	–0.007	0.137	0.078	0.068	–0.097	0.095
	111	0.273	0.361	0.109	–0.146	0.013	–0.144	0.224	**0.484**	–0.075	0.042	0.112	–0.105	–0.210	0.019
	140	–0.212	0.484	0.125	0.029	–0.042	0.076	0.086	**0.325**	0.306	–0.057	0.294	–0.002	0.148	0.003
	37	0.345	0.002	–0.227	0.161	0.051	0.166	–0.058	0.050	–0.050	0.387	–0.225	0.138	–0.022	0.074
	62	0.295	0.589	0.076	0.049	–0.138	–0.021	0.175	**0.662**	0.008	0.150	0.143	0.068	0.008	0.078
	72	0.312	0.502	–0.041	–0.131	–0.219	0.107	0.108	**0.637**	0.075	0.100	–0.118	0.007	0.033	0.052
	117	0.339	0.328	–0.085	–0.215	0.049	0.044	–0.144	**0.393**	0.075	0.175	–0.196	0.041	–0.160	–0.212
	126	0.257	0.476	0.061	–0.269	–0.192	–0.111	–0.021	**0.614**	0.005	–0.089	–0.067	0.030	–0.084	–0.147
	55	0.277	0.495	0.213	–0.094	–0.059	0.029	0.080	**0.582**	–0.006	0.121	0.116	–0.080	0.011	–0.111
	76	0.254	0.313	0.084	–0.250	–0.157	0.134	–0.034	**0.458**	0.029	0.035	–0.167	–0.108	0.056	–0.146
	119	0.322	0.510	0.038	–0.256	–0.180	0.097	–0.060	**0.642**	0.082	0.062	–0.158	–0.014	0.017	–0.167
	129	–0.044	0.346	0.110	0.001	0.063	0.028	0.101	0.261	0.164	0.041	0.222	–0.050	0.006	–0.015
	137	0.457	0.298	–0.150	–0.309	–0.046	0.123	–0.155	**0.458**	0.046	0.190	–0.386	0.007	–0.141	–0.200

	Items	Factor loadings for the main temperament and character traits													
		Before rotation							After rotation						
		Factors							Factors						
		1	2	3	4	5	6	7	1	2	3	4	5	6	7
Self-Directedness	3	–0.423	0.298	–0.153	–0.032	0.101	0.148	0.082	0.020	**0.534**	–0.091	0.162	–0.002	0.035	0.100
	17	–0.318	0.205	–0.079	0.182	0.103	0.258	0.065	–0.056	**0.405**	0.103	0.190	0.017	0.181	0.128
	34	–0.285	0.351	0.131	0.019	–0.075	0.158	–0.075	0.172	**0.320**	–0.088	0.201	0.016	0.260	–0.100
	49	–0.369	0.170	–0.158	0.072	0.120	0.136	0.049	–0.093	**0.428**	–0.021	0.148	0.044	0.049	0.113
	66	–0.341	0.209	0.015	–0.101	0.119	0.167	–0.137	–0.026	**0.418**	–0.075	0.107	–0.038	0.094	–0.170
	6	–0.184	0.375	–0.152	0.293	–0.157	0.272	–0.124	0.154	**0.364**	0.130	0.068	0.289	0.357	0.090
	35	0.291	0.370	–0.098	0.032	–0.225	0.150	0.075	0.477	0.035	0.173	–0.132	0.089	0.111	0.120
	57	0.141	0.370	–0.103	0.103	–0.178	0.104	–0.225	0.330	0.124	0.131	–0.091	0.289	0.171	–0.094
	69	–0.199	0.427	–0.244	0.206	–0.273	0.275	–0.127	0.235	**0.422**	0.038	–0.040	0.322	0.367	0.126
	87	–0.372	0.010	0.055	–0.069	0.010	0.136	–0.130	–0.159	0.277	–0.168	0.066	–0.051	0.174	–0.122
	23	–0.285	0.318	0.100	–0.076	0.094	0.002	0.038	0.133	**0.311**	–0.124	0.265	–0.055	0.007	–0.075
	58	–0.347	0.276	–0.171	–0.108	0.196	0.299	–0.089	–0.019	**0.601**	0.039	0.024	–0.036	0.049	–0.074
	108	–0.363	0.225	–0.371	–0.109	0.049	0.187	–0.134	–0.043	**0.585**	–0.085	–0.118	0.144	0.012	0.018
	21	–0.403	0.129	0.134	0.216	0.171	–0.279	0.130	–0.123	0.119	–0.174	0.537	0.095	–0.072	0.074
	83	–0.393	0.075	0.248	0.162	0.057	–0.213	0.166	–0.093	0.046	–0.232	0.502	–0.019	0.044	0.072
	48	–0.339	0.328	–0.058	–0.084	0.096	0.225	–0.031	0.080	**0.509**	–0.036	0.113	–0.042	0.100	–0.053
	90	–0.433	0.306	–0.145	–0.186	0.086	0.095	–0.035	0.044	**0.552**	–0.196	0.085	–0.001	–0.015	–0.043
	100	–.460	0.184	–0.028	–0.258	0.157	–0.075	0.052	–0.035	**0.420**	–0.311	0.186	–0.108	–0.147	–0.061
	107	–0.254	0.337	–0.356	0.061	0.026	0.159	–0.099	0.070	**0.516**	0.036	–0.028	0.250	0.043	0.081
	115	–0.309	0.321	0.035	–0.187	0.062	0.037	–0.152	0.119	**0.392**	–0.178	0.122	0.005	0.024	–0.221
Cooperativeness	4	0.034	0.208	0.168	0.170	0.090	–0.178	0.062	0.147	–0.076	0.061	**0.323**	0.080	–0.056	–0.022
	28	–0.293	0.341	0.038	0.053	0.247	–0.233	0.089	0.079	0.268	–0.100	**0.441**	0.085	–0.201	–0.015
	124	–0.329	0.088	0.258	0.269	0.101	–0.006	0.042	–0.125	0.096	–0.025	**0.454**	0.002	0.188	–0.006
	133	–0.306	0.135	0.001	0.273	0.190	–0.087	0.177	–0.111	0.190	0.016	**0.415**	0.081	–0.030	0.182
	18	–0.243	0.354	–0.302	0.248	0.082	0.009	0.010	0.060	0.406	0.078	0.180	0.322	–0.013	0.181
	41	0.251	0.102	–0.167	0.233	0.024	–0.248	–0.109	0.098	–0.162	0.163	0.018	0.372	–0.168	0.021
	74	0.391	0.145	–0.009	0.112	0.222	0.095	0.211	0.209	–0.090	0.431	0.044	–0.099	–0.164	0.109
	89	0.418	0.130	0.083	0.113	0.220	–0.258	0.103	0.216	–0.288	0.273	0.165	0.056	–0.318	–0.027
	7	0.339	0.344	0.042	0.212	–0.043	0.033	–0.012	0.381	–0.090	0.306	0.075	0.166	0.058	–0.004
	27	–0.187	0.202	0.266	0.224	0.265	–0.111	0.143	0.002	0.067	0.073	**0.536**	–0.042	–0.032	–0.012
	50	0.300	0.336	0.147	0.316	–0.084	–0.096	–0.007	0.367	–0.198	0.241	0.218	0.230	0.090	–0.003
	84	–0.334	0.032	–0.007	0.002	–0.031	0.015	–0.250	–0.151	0.224	–0.183	0.054	0.138	0.145	–0.165
	33	–0.253	0.164	0.249	0.163	0.326	–0.043	0.092	–0.076	0.154	0.070	**0.498**	–0.090	–0.031	–0.070
	67	–0.340	0.277	0.310	0.193	0.189	–0.033	–0.047	–0.002	0.203	–0.020	**0.528**	0.017	0.130	–0.165
	93	–0.324	0.301	0.191	0.282	0.013	–0.054	0.051	0.067	0.173	–0.059	**0.478**	0.120	0.188	0.035
	128	–0.319	0.291	0.349	0.228	0.145	–0.041	0.086	0.053	0.150	–0.022	**0.582**	–0.034	0.148	–0.058
	13	–0.200	0.082	0.207	0.331	0.115	0.051	0.017	–0.107	0.057	0.112	**0.386**	0.043	0.193	0.007
	40	0.187	0.063	0.367	0.216	0.052	–0.050	0.108	0.127	–0.283	0.179	**0.304**	–0.088	0.086	–0.040
	75	–0.202	0.357	0.169	0.220	0.124	0.076	–0.036	0.115	0.239	0.106	**0.386**	0.077	0.156	–0.083
	88	–0.216	0.077	0.255	0.144	–0.027	–0.024	–0.258	–0.068	0.029	–0.086	0.239	0.119	0.238	–0.255

	Items	Factor loadings for the main temperament and character traits													
		Before rotation							After rotation						
		Factors							Factors						
		1	2	3	4	5	6	7	1	2	3	4	5	6	7
Self-Transcendence	25	0.297	–0.061	–0.140	0.215	0.160	0.292	0.015	–0.051	–0.021	**0.485**	–0.143	0.001	0.034	0.096
	42	0.527	0.030	–0.032	0.100	0.344	0.096	–0.074	0.085	–0.157	**0.560**	–0.089	–0.004	–0.223	–0.139
	56	0.333	0.199	–0.085	0.294	–0.010	0.241	0.102	0.232	–0.031	**0.449**	–0.027	0.086	0.124	0.181
	68	0.243	0.023	0.067	0.079	0.272	0.269	0.125	0.028	0.004	**0.428**	0.025	–0.216	–0.029	0.013
	95	0.440	–0.272	0.189	0.027	0.369	–0.038	–0.065	–0.148	–0.374	**0.384**	–0.015	–0.164	–0.241	–0.227
	112	0.478	0.054	0.061	0.198	0.182	0.078	0.072	0.154	–0.236	**0.480**	0.017	–0.021	–0.088	0.011
	12	0.376	0.021	0.033	0.096	0.089	0.089	–0.064	0.112	–0.173	**0.339**	–0.085	0.014	–0.026	–0.082
	29	0.319	0.155	0.277	0.082	0.251	0.208	–0.150	0.149	–0.077	**0.433**	0.097	–0.116	0.057	–0.309
	73	0.400	0.178	0.004	0.327	0.170	0.010	–0.052	0.168	–0.157	**0.476**	0.101	0.192	–0.055	–0.027
	91	0.379	0.172	0.122	0.280	0.093	0.167	0.040	0.215	–0.150	**0.468**	0.094	0.017	0.093	0.006
	99	0.464	0.060	0.131	0.077	0.366	0.081	–0.252	0.068	–0.158	**0.513**	–0.012	0.005	–0.148	–0.363
	32	–0.111	0.020	0.173	0.302	0.149	0.250	–0.207	–0.176	0.102	0.262	0.195	0.052	0.289	–0.167
	43	0.453	0.183	–0.049	0.158	0.232	0.110	0.047	0.218	–0.081	**0.509**	–0.008	0.026	–0.143	0.003
	52	0.543	0.016	0.085	0.134	0.284	0.095	–0.112	0.100	–0.241	**0.545**	–0.051	–0.011	–0.131	–0.193
	106	0.341	0.035	0.224	–0.025	0.252	0.094	–0.115	0.092	–0.152	**0.336**	0.020	–0.145	–0.076	–0.287
	118	0.361	0.194	0.194	–0.037	–0.085	–0.063	–0.309	0.311	–0.217	0.120	–0.069	0.129	0.045	–0.364

Note: The principal component analysis of the correlation matrix with Varimax rotation was used.

Table S4. Statistical indices for mediational analysis

Fig.	IV (TCI scales)	Me	DV	IV →DV	IV →Me	Me →DV	χ^2	df	p	CFI	RMSEA	90% CI RMSEA	Indirect effect
a	Self–Directed–ness	Family relationships dissatisfaction	Eat–26 total	–0.197	–0.468	0.231							–0.078
b	Cooperativeness			ns	–0.243	0.323	2.582	1	0.108	0.969	0.073	(0.000; 0.188)	–0.108
c	Self–transcend.			ns	0.223	0.323	1.369	1	0.242	0.992	0.035	(0.000; 0.163)	0.072

Note: All regression coefficients are significant at *p*-value <0.05
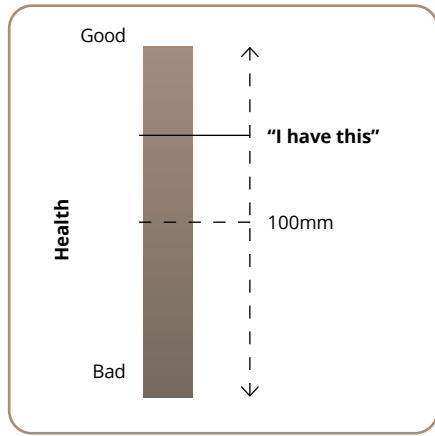
Figure S1. The Dembo-Rubinshtein Method for Measuring Self-Esteem.

Note: Respondents are asked to make a single mark on each 100-mm vertical line in several scales indicating their own idea about the level of some particular individual trait (see figure). We used the following scales: health, mind, creativity, memory, appearance, self-belief, will, determined character, authority among peers, level of physical fitness, happiness.

The standard instruction sounds like this (on the "health" working scale): "Let's assume that all the people of the world are located on this line: here at the top (show) the healthiest, and below (show) the sickest. Now put a mark – a line (—) where you think you fit for health reasons. The same instruction applies to all other scales.

Then the height of the appropriate segment was measured. In accordance with this, the answers of the respondents receive a quantitative characteristic in points (for example, 72 mm = 72 points.)