

Supplementary materials for:

“Personality types of modern Russians: myth or reality?”

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Table S1. The Results of a Principal Component Analysis of the Multi-Level Properties of Individuality

Multi-level properties of individuality	Component 1	Component 2	Component 3	Component 4
Temperament Properties				
Motor Ergonicity	-0.056	-0.148	0.391	0.108
Intellectual Ergonicity	0.066	-0.119	0.575	-0.048
Social Ergonicity	-0.016	-0.014	0.231	0.664
Motor Plasticity	0.199	0.080	0.272	0.041
Intellectual Plasticity	0.137	-0.157	0.508	0.058
Social Plasticity	0.026	-0.134	0.422	0.522
Motor Tempo	-0.005	-0.226	0.416	0.328
Intellectual Tempo	-0.017	-0.202	0.601	0.119
Social Tempo	0.067	-0.092	0.391	0.508
Motor Emotionality	-0.075	0.404	0.127	0.062
Intellectual Emotionality	0.204	0.510	0.043	-0.036
Social Emotionality	0.170	0.575	0.043	0.123
The Fundamental Personality Dimensions				
Extraversion/Introversion	-0.029	-0.073	0.481	0.655
Neuroticism/Emotional stability	0.023	0.734	0.139	-0.001
Psychoticism/Soft-heartedness	-0.499	0.194	0.280	0.049
Character Traits				
Hyperthymicity	0.059	-0.085	0.526	0.507
Stuckness	-0.062	0.522	0.137	0.025
Emotivity	0.277	0.482	0.023	0.067
Pedanticity	0.194	0.122	0.395	-0.129
Anxiety	0.138	0.472	-0.051	0.064
Cyclothymicity	0.009	0.638	-0.016	0.011
Demonstrativeness	-0.048	0.040	0.434	0.499
Excitability	-0.343	0.170	0.206	0.189
Dystimicity	-0.165	0.529	-0.016	-0.395
Exaltivenesswere	-0.119	0.599	0.006	-0.068
Motivation				
Achievement Motivation	0.198	0.053	0.717	0.126
Accessibility Motivation	0.282	-0.095	0.485	0.057
Value Motivation	-0.361	0.267	0.385	0.165
The Cognitive Styles				
Field Dependence	-0.079	0.459	0.084	0.292
Field Independence	0.154	-0.014	0.647	0.004
Narrow Range of Equivalence	0.199	0.384	0.393	0.157
Wide Range of Equivalence	-0.281	0.160	0.460	-0.005

Flexibility of Cognitive Control	0.130	-0.073	0.612	0.138
Rigidity of Cognitive Control	-0.208	0.410	0.221	-0.066
Impulsivity	-0.224	0.312	0.433	0.276
Reflectivity	0.253	0.192	0.504	-0.156
Concrete Conceptualization	0.124	0.411	0.344	-0.067
Abstract Conceptualization	0.205	0.015	0.662	0.072
Tolerance of Unrealistic Experience	0.320	0.073	0.526	0.150
Intolerance of Unrealistic Experience	-0.227	0.386	0.300	0.014
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Intelligence				
Logical problems (LOGOP)	0.223	-0.127	-0.022	-0.072
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Hardiness				
Commitment	0.326	-0.643	0.335	0.284
Control	0.183	-0.667	0.438	0.139
Challenge	0.218	-0.569	0.218	0.243
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Spiritual Personality Traits				
Spiritual Virtues	0.550	-0.038	0.246	0.091
Positive Outlook on Life	0.446	-0.102	0.331	0.211
Spiritual Discipline	0.248	-0.265	0.295	-0.019
Goodness	0.377	-0.084	0.299	0.113
Spiritual Service	0.472	0.085	0.244	0.143
Moral Rectitude	0.521	-0.040	0.206	0.156
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Meaning in Life				
Purpose in Life	0.424	-0.447	0.238	0.165
Life Process	0.411	-0.517	0.226	0.325
Life Performance	0.408	-0.524	0.209	0.267
Locus of Control "I"	0.436	-0.441	0.289	0.210
Locus of Control "Life"	0.417	-0.466	0.215	0.211
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Axiological Orientation				
Collectivity	0.733	-0.006	0.007	0.086
Spiritual Satisfaction	0.824	0.011	0.030	0.024
Creativity	0.653	-0.066	0.163	0.054
Life	0.794	-0.049	0.090	0.112
Achievement	0.829	0.011	0.082	0.097
Tradition	0.616	0.033	0.087	0.078
Material Well-being	0.646	0.125	0.016	0.010
Individuality	0.684	0.020	0.101	0.032
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Ways of Coping				
Seeking Social Support	0.351	0.314	-0.199	0.424
Focus on Solving Problems	0.589	0.006	0.203	0.052

Working Hard and Achieve	0.591	-0.065	0.241	0.007
Worry	0.340	0.461	-0.127	0.253
Invest in Close Friends	0.250	0.099	-0.017	0.664
Seek to Belong	0.233	0.318	-0.113	0.561
Wishful thinking	0.100	0.522	-0.174	0.339
Not Coping	-0.263	0.603	-0.189	0.090
Tension Reduction	-0.216	0.504	-0.119	0.289
Social Action	-0.242	0.161	0.058	0.407
Ignore the Problem	-0.268	0.377	-0.124	0.139
Self-Blame	0.072	0.559	-0.110	0.000
Keep to Self	-0.087	0.175	0.022	-0.351
Seek Spiritual Support	0.057	0.220	0.020	0.255
Focusing on the Positive	0.342	0.011	0.045	0.315
Seek Professional Help	0.029	0.102	0.184	0.172
Distraction	0.225	0.128	-0.081	0.393
Physical Recreation	0.097	-0.192	0.208	0.299
Eigenvalue	9.53	8.86	7.76	5.17
Percentage of Explained Variance	11.8	10.9	9.6	6.4

Note. $N = 1,061$. Table entries are loadings on varimax-rotated principal components. Absolute loadings of .30 or stronger are bolded.

Table S2. Mean for 4 selected groups (T-scores)

	Group 1	Group 2	Group 3	Group 4
Number of respondents	119	260	326	356
Temperament Properties				
Motor Ergonicity	53	52	46	51
Intellectual Ergonicity	52	55	46	49
Social Ergonicity	51	47	45	57
Motor Plasticity	48	52	48	51
Intellectual Plasticity	49	54	46	51
Social Plasticity	52	51	43	55
Motor Tempo	50	53	44	53
Intellectual Tempo	51	54	44	52
Social Tempo	50	51	44	55
Motor Emotionality	53	48	50	51
Intellectual Emotionality	50	48	52	50
Social Emotionality	49	46	51	52
General Activity	51	54	42	54
General Emotionality	51	46	51	51
Motor Activity	50	53	45	53
Intellectual Activity	51	55	44	51
Social Activity	51	49	43	57
General Adaptability	50	55	42	53
The Fundamental Personality Dimensions				
Extraversion/Introversion	54	49	43	56
Neuroticism/Emotional stability	54	46	52	50
Psychoticism/Soft-heartedness	62	48	48	49
Character Traits				
Hyperthymicity	53	51	43	55
Stuckness	54	46	51	51
Emotivity	48	47	51	51
Pedanticity	50	53	48	49
Anxiety	50	47	52	51
Cyclothymicity	52	45	53	50
Demonstrativeness	54	49	44	55
Excitability	57	47	48	51
Dystimicity	54	48	54	46
Exaltiveness	54	46	53	49
Motivation				
Achievement Motivation	50	54	44	52
Accessibility Motivation	48	54	46	51
Value Motivation	61	47	47	51

The Cognitive Styles				
Field Dependence	55	45	49	53
Field Independence	48	54	45	52
Narrow Range of Equivalence	51	49	48	52
Wide Range of Equivalence	56	50	47	50
Flexibility of Cognitive Control	50	54	44	52
Rigidity of Cognitive Control	56	47	50	50
Impulsivity	58	47	46	53
Reflectivity	48	53	48	49
Concrete Conceptualization	50	50	49	50
Abstract Conceptualization	48	54	45	52
Tolerance of Unrealistic Experience	46	53	46	53
Intolerance of Unrealistic Experience	57	48	49	50
Intelligence				
logical problems (LOGOP)	41	52	50	51
Hardiness				
Commitment	44	56	44	53
Control	48	58	43	51
Challenge	46	55	45	52
Hardiness	45	57	43	52
Spiritual Personality Traits				
Spiritual Virtues	41	53	49	52
Positive Outlook on Life	45	53	46	53
Spiritual Discipline	47	55	48	50
Goodness	45	53	48	51
Spiritual Service	45	52	49	52
Moral Rectitude	43	53	48	52
Meaning in Life				
Purpose in Life	42	55	46	52
Life Process	42	55	45	54
Life Performance	42	55	46	53
Locus of Control "I"	42	55	45	53
Locus of Control "Life"	43	55	46	53
Meaning in Life	41	56	45	53
Axiological Orientation				
Collectivity	35	53	50	52
Spiritual Satisfaction	33	54	51	52
Creativity	39	54	49	52
Life	34	54	49	53
Achievement	35	54	50	53
Tradition	40	52	50	52

Material Well-being	35	52	51	52
Individuality	37	53	50	52
Profession	34	54	50	52
Education	36	54	50	52
Family	34	52	51	52
Social Life	38	52	49	53
Leisure	34	53	51	53
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Ways of Coping				
Seeking Social Support	45	46	51	54
Focus on Solving Problems	39	54	49	52
Working Hard and Achieve	40	55	49	51
Worry	45	45	52	53
Invest in Close Friends	47	46	48	56
Seek to Belong	47	44	50	55
Wishful thinking	49	43	52	54
Not Coping	57	43	54	50
Tension Reduction	55	43	51	53
Social Action	59	45	48	52
Ignore the Problem	56	44	52	51
Self-Blame	49	46	53	50
Keep to Self	51	51	53	47
Seek Spiritual Support	53	47	49	52
Focusing on the Positive	46	50	48	53
Seek Professional Help	52	49	49	51
Distraction	46	48	50	54
Physical Recreation	49	51	46	53
