

### Supplementary materials

**Suppl. Table S1. Comparative analysis of empathy levels (KRE) and differences in the values of individual syndromes [M (SD); Me]**

Country	Syndrome I	Syndrome II	Syndrome III	Syndrome IV	Syndrome V	Sum across scales
Belarus (BY)	1.9 (0.4); 1.9	1.6 (0.7); 1.6	1.8 (0.6); 1.8	1.6 (0.6); 1.7	1.8 (0.7); 2.0	1.7 (0.4) 1.7
Poland (PL)	2.0 (0.4); 2.0	1.7 (0.5); 1.8	1.9 (0.5); 2.0	1.9 (0.5); 1.8	1.8 (0.7); 2.0	1.9 (0.4) 1.9
Slovakia (SK)	2.2 (0.4); 2.2	1.7 (0.4); 1.6	1.9 (0.4); 2.0	1.8 (0.4); 1.8	1.6 (0.6); 1.7	1.9 (0.3) 1.9
Ukraine (UA)	2.1 (0.4); 2.1	1.6 (0.5); 1.6	1.8 (0.5); 1.7	1.8 (0.5); 1.8	1.8 (0.6); 1.7	1.8 (0.4); 1.8
Lithuania (LT)	2.1 (0.4); 2.1	1.7 (0.4); 1.6	1.9 (0.5); 2.0	1.9 (0.5); 2.0	1.5 (0.6); 1.7	1.8 (0.4); 1.8
Mann-Whitney U test	$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-UA} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{SK-UA} < 0.001$ ; $P_{SK-LT} < 0.001$ ;	$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-UA} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{SK-UA} < 0.001$ ; $P_{UA-LT} < 0.001$	$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{SK-UA} < 0.001$ ; $P_{UA-LT} < 0.001$	$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-UA} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{SK-LT} < 0.001$ ; $P_{UA-LT} < 0.001$	$P_{BY-SK} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{SK-UA} < 0.001$ ; $P_{SK-LT} < 0.001$ ; $P_{UA-LT} < 0.001$	$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-UA} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{SK-UA} < 0.001$ ; $P_{SK-LT} < 0.001$ ; $P_{UA-LT} < 0.001$
Total	2.0 (0.4); 2.0	1.7 (0.5); 1.6	1.9 (0.5); 1.9	1.8 (0.5); 1.8	1.7 (0.7); 1.7	1.8 (1.4); 1.8
Kruskal-Wallis Test (H; p)	$H = 260.2$ ; $p = 0.001$	$H = 45.0$ ; $p = 0.001$	$H = 138.4$ ; $p = 0.001$	$H = 220.6$ ; $p = 0.001$	$H = 116.7$ ; $p = 0.001$	$H = 128.9$ ; $p = 0.001$

**Suppl. Table S2. Descriptive statistics for scales of personality and correction factors**

Country	Extraversion-Introversion, M (SD); Me; Q <sub>25</sub> -Q <sub>75</sub>			Neuroticism-Stability, M (SD); Me (Q <sub>25</sub> -Q <sub>75</sub> )			Honesty Scale, M (SD); Me (Q <sub>25</sub> -Q <sub>75</sub> )		
	Belarus (BY)	11.9 (3.77)	12	9-15	11.7 (5.99)	12	7-16	2.7 (1.84)	3
Poland (PL)	11.7 (4.0)	12	9-15	13.0 (5.07)	13	10-17	2.7 (1.58)	3	2-4
Slovakia (SK)	10.8 (3.93)	11	8-14	12.8 (5.0)	13	9-16	2.7 (1.66)	3	2-4
Ukraine (UA)	11.9 (3.68)	12	9-15	13.7 (4.72)	14	11-17	2.8 (1.75)	3	2-4
Lithuania (LT)	11.6 (3.93)	12	9-15	13.6 (4.49)	14	11-17	2.8 (1.57)	3	2-4
Mann-Whitney U test	$P_{BY-SK} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{UA-SK} < 0.001$ ; $P_{LT-SK} < 0.001$			$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-UA} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{UA-SK} < 0.001$ ; $P_{LT-SK} < 0.001$			N/S		
Total	11.6 (3.88)	12	9-14	12.9 (5.21)	13	9-17	2.8 (1.70)	3	2-4
Kruskal-Wallis test (H; p)	$H = 48.2$ ; $p = 0.001$			$H = 76.9$ ; $p = 0.001$			$H = 5.9$ ; $p > 0.05$		

**Suppl. Table S3. MAS results of respondents [M (SD); Me]**

Country	MAS Scale			
	Affective (emotional reactions)	Cognitive (beliefs and thoughts)	Behavioral (action intentions)	Global MAS
Belarus (BY)	35.0 (9.95); 33	22.4 (11.03); 20	16.9 (5.39); 16	74.4 (19.49); 74
Poland (PL)	37.5 (10.18); 36	25.1 (7.10); 25	17.9 (5.35); 17	80.5 (16.12); 81
Slovakia (SK)	37.8 (10.67); 37	23.9 (8.09); 24	18.6 (5.36); 18	80.4 (16.95); 80
Ukraine (UA)	33.8 (10.07); 32	24.1 (10.23); 23	16.2 (4.77); 16	74.0 (17.41); 74
Lithuania (LT)	39.4 (11.6); 38	21.6 (8.54); 21	17.9 (5.16); 17	78.8 (18.96); 79
Mann–Whitney <i>U</i> test	$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-UA} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{PL-LT} < 0.001$ ; $P_{SK-UA} < 0.001$ ; $P_{UA-LT} < 0.001$	$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-UA} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{PL-LT} < 0.001$ ; $P_{UA-LT} < 0.001$	$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-UA} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{SK-UA} < 0.001$ ; $P_{UA-LT} < 0.001$	$P_{BY-PL} < 0.001$ ; $P_{BY-SK} < 0.001$ ; $P_{BY-LT} < 0.001$ ; $P_{PL-SK} < 0.001$ ; $P_{PL-UA} < 0.001$ ; $P_{SK-UA} < 0.001$ ; $P_{UA-LT} < 0.001$
Total	36.35 (10.54); 35	23.60 (9.31); 23	17.43 (5.29); 17	77.38 (18.2); 78
Kruskal–Wallis Test ( <i>H</i> ; <i>p</i> )	$H = 151.6$ ; $p = 0.001$	$H = 99.4$ ; $p = 0.001$	$H = 126.4$ ; $p = 0.001$	$H = 115.8$ ; $p = 0.001$

**Suppl. Table S4. Spearman’s rank-order correlation analysis between empathy syndromes (KRE), MAS components, and personality traits**

Variable	MAS A	MAS B	MAS C	MAS Global	I	II	III	IV	V	KPE-II
MAS A	<b>1</b>									
MAS B	0.175*	<b>1</b>								
MAS C	0.455*	0.356*	<b>1</b>							
MAS Global	0.761*	0.691*	0.716*	<b>1</b>						
Syndrome I	-0.085*	-0.295*	-0.212*	-0.266*	<b>1</b>					
Syndrome II	0.007	-0.127*	-0.085*	-0.081*	0.313*	<b>1</b>				
Syndrome III	0.033*	-0.117*	-0.075*	-0.063*	0.382*	0.573*	<b>1</b>			
Syndrome IV	0.009	-0.123*	-0.084*	-0.079*	0.316*	0.501*	0.598*	<b>1</b>		
Syndrome V	-0.084*	-0.095*	-0.117*	-0.119*	0.207*	0.356*	0.348*	0.357*	<b>1</b>	
KPE-II	-0.027	-0.212*	-0.155*	-0.165*	0.661*	0.733*	0.822*	0.761*	0.538*	<b>1</b>
Extraversion	-0.066*	-0.033*	-0.023	-0.051	0.046	-0.006	0.031	0.037	0.139*	0.06
Neuroticism	0.120*	-0.022	0.005	0.059*	-0.067*	0.316*	0.341*	0.296*	0.011	0.3

Note: MAS A – affective component of attitudes (emotional responses), B – cognitive (beliefs and thoughts), C – behavioral (behavioral intentions); \*  $p < 0.05$