

Supplementary Material

Table S1: The correlated first-order model was estimated separately for each country. CC indicates the country code, df represents degrees of freedom, CFI denotes the Comparative Fit Index, RMSEA shows the Root Mean Square Error of Approximation with 99% confidence intervals in brackets, and SRMR is the Standardized Root Mean Square Residual.

Country	CC	χ^2	df	CFI	RMSEA [99% CI]	SRMR
Austria	AT	3131.48	59	0.973	0.073 [0.070; 0.077]	0.060
Belgium	BE	3347.57	59	0.981	0.076 [0.073; 0.080]	0.049
Bulgaria	BG	2070.68	59	0.981	0.071 [0.067; 0.075]	0.068
Switzerland	CH	1716.62	59	0.985	0.048 [0.045; 0.052]	0.035
Cyprus	CY	2871.76	59	0.987	0.069 [0.066; 0.072]	0.057
Czech Republic	CZ	2472.41	59	0.982	0.066 [0.063; 0.070]	0.064
Germany	DE	4935.26	59	0.981	0.071 [0.068; 0.074]	0.061
Denmark	DK	683.08	59	0.993	0.046 [0.041; 0.051]	0.035
Estonia	EE	1846.26	59	0.978	0.058 [0.055; 0.062]	0.054
Greece	GR	4695.62	59	0.985	0.075 [0.073; 0.078]	0.079
Spain	ES	10381.61	59	0.979	0.083 [0.081; 0.085]	0.066
Finland	FI	2801.81	59	0.984	0.067 [0.064; 0.070]	0.045
France	FR	5296.62	59	0.973	0.080 [0.077; 0.083]	0.057
Croatia	HR	1609.49	59	0.987	0.066 [0.062; 0.071]	0.060
Hungary	HU	4695.14	59	0.987	0.069 [0.067; 0.072]	0.061
Ireland	IE	1146.92	59	0.990	0.055 [0.051; 0.060]	0.047
Iceland	IS	660.61	59	0.980	0.060 [0.054; 0.067]	0.047
Italy	IT	4723.71	59	0.990	0.059 [0.056; 0.061]	0.042
Lithuania	LT	1712.33	59	0.979	0.064 [0.060; 0.069]	0.051
Luxembourg	LU	1649.37	59	0.981	0.070 [0.066; 0.075]	0.047
Latvia	LV	3821.75	59	0.974	0.085 [0.081; 0.088]	0.075
Malta	MT	2079.67	59	0.975	0.072 [0.068; 0.076]	0.059
Netherlands	NL	4590.66	59	0.972	0.089 [0.085; 0.092]	0.056
Norway	NO	1177.73	59	0.982	0.057 [0.052; 0.061]	0.045
Poland	PL	4815.35	59	0.979	0.064 [0.061; 0.066]	0.053
Portugal	PT	3015.17	59	0.986	0.070 [0.067; 0.073]	0.059
Romania	RO	3005.53	59	0.991	0.065 [0.062; 0.068]	0.055
Serbia	RS	2130.59	59	0.980	0.060 [0.057; 0.064]	0.065
Sweden	SE	797.40	59	0.992	0.047 [0.043; 0.052]	0.035
Slovenia	SI	1180.12	59	0.988	0.047 [0.043; 0.050]	0.036
Slovakia	SK	3651.71	59	0.975	0.082 [0.079; 0.086]	0.077
United Kingdom	UK	2230.73	59	0.992	0.052 [0.049; 0.055]	0.043

Note: Covariance matrix of latent variables is not positive definite for LU, LV and RS.

This issue is likely due to correlations between PA and NA that exceed admissible bounds, as they are smaller than -1 (Jovanović et al., 2024).

Table S2: The bifactor- $(S-1)$ model was estimated separately for each country. CC indicates the country code, df represents degrees of freedom, CFI denotes the Comparative Fit Index, RMSEA shows the Root Mean Square Error of Approximation with 99% confidence intervals in brackets, and SRMR is the Standardized Root Mean Square Residual.

Country	CC	χ^2	df	CFI	RMSEA [99% CI]	SRMR
Austria	AT	904.71	51	0.993	0.042 [0.038; 0.045]	0.028
Belgium	BE	1781.43	51	0.990	0.059 [0.056; 0.063]	0.035
Bulgaria	BG	419.48	51	0.997	0.033 [0.028; 0.037]	0.029
Switzerland	CH	1204.77	51	0.989	0.043 [0.040; 0.047]	0.029
Cyprus	CY	856.15	51	0.996	0.040 [0.036; 0.043]	0.027
Czech Republic	CZ	474.25	51	0.997	0.030 [0.026; 0.034]	0.023
Germany	DE	1396.85	51	0.995	0.040 [0.037; 0.043]	0.028
Denmark	DK	382.76	51	0.996	0.036 [0.031; 0.041]	0.026
Estonia	EE	762.22	51	0.991	0.040 [0.036; 0.044]	0.033
Greece	GR	–	51	–	– [–; –]	–
Spain	ES	3797.38	51	0.992	0.054 [0.052; 0.056]	0.034
Finland	FI	1135.17	51	0.993	0.045 [0.042; 0.049]	0.029
France	FR	2506.20	51	0.987	0.059 [0.056; 0.062]	0.037
Croatia	HR	627.25	51	0.995	0.043 [0.039; 0.048]	0.031
Hungary	HU	1955.14	51	0.995	0.048 [0.045; 0.051]	0.034
Ireland	IE	276.44	51	0.998	0.027 [0.022; 0.032]	0.023
Iceland	IS	289.72	51	0.992	0.041 [0.034; 0.048]	0.031
Italy	IT	2138.60	51	0.996	0.042 [0.040; 0.045]	0.026
Lithuania	LT	501.94	51	0.994	0.036 [0.032; 0.041]	0.027
Luxembourg	LU	961.16	51	0.989	0.057 [0.052; 0.062]	0.035
Latvia	LV	742.78	51	0.995	0.039 [0.035; 0.043]	0.029
Malta	MT	908.27	51	0.990	0.050 [0.046; 0.055]	0.033
Netherlands	NL	788.98	51	0.995	0.039 [0.035; 0.042]	0.024
Norway	NO	531.23	51	0.992	0.040 [0.035; 0.045]	0.030
Poland	PL	1412.51	51	0.994	0.037 [0.034; 0.039]	0.027
Portugal	PT	1010.43	51	0.996	0.043 [0.039; 0.047]	0.028
Romania	RO	547.88	51	0.998	0.029 [0.025; 0.032]	0.020
Serbia	RS	–	51	–	– [–; –]	–
Sweden	SE	399.32	51	0.996	0.035 [0.030; 0.040]	0.025
Slovenia	SI	706.27	51	0.993	0.038 [0.035; 0.042]	0.028
Slovakia	SK	831.65	51	0.995	0.041 [0.037; 0.045]	0.030
United Kingdom	UK	757.55	51	0.997	0.032 [0.029; 0.035]	0.024

Note: For GR, inversion of the information matrix failed. In RS, model estimation did not converge and returned only starting values for the bifactor- $(S-1)$ model; thus, estimates for both countries were inadmissible.

Table S3: Standardized factor loadings (λ) and standardized covariances (ϕ) from the configural correlated four first-order factor multi-group model. The model includes cognitive-eudaimonic well-being (CEWB), positive affect (PA), negative affect (NA), and domain satisfaction (DS) as latent constructs. Observed indicators are: life satisfaction (LS), meaning in life (ML), happiness (H), calm and peaceful (CP), downhearted or depressed (DD), down in the dumps (D), nervous (N), financial satisfaction (FS), satisfaction with green areas (GS), living environment (ES), time use (TS), personal relationships (PS), and accommodation (AS). Country codes: AT = Austria, BE = Belgium, BG = Bulgaria, CH = Switzerland, CY = Cyprus, CZ = Czech Republic, DE = Germany, DK = Denmark, EE = Estonia, ES = Spain, FI = Finland, FR = France, HR = Croatia, HU = Hungary, IE = Ireland.

Constr.	Ind.	Param.	Country														
			AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	HR	HU	IE
CEWB	LS	λ_1	0.81	0.84	0.84	0.86	0.83	0.80	0.85	0.83	0.76	0.84	0.79	0.83	0.86	0.82	0.91
	ML	λ_2	0.57	0.58	0.68	0.55	0.64	0.70	0.68	0.74	0.58	0.68	0.68	0.50	0.75	0.67	0.75
PA	H	λ_3	0.74	0.78	0.79	0.76	0.78	0.79	0.73	0.87	0.63	0.76	0.80	0.74	0.80	0.77	0.86
	CP	λ_4	0.70	0.71	0.77	0.71	0.89	0.86	0.73	0.77	0.64	0.76	0.74	0.74	0.87	0.86	0.77
NA	DD	λ_5	0.82	0.85	0.95	0.81	0.88	0.86	0.88	0.91	0.83	0.90	0.82	0.83	0.93	0.89	0.88
	D	λ_6	0.80	0.86	0.83	0.85	0.84	0.77	0.81	0.87	0.75	0.89	0.83	0.80	0.81	0.85	0.90
	N	λ_7	0.71	0.70	0.76	0.67	0.82	0.76	0.71	0.73	0.79	0.75	0.78	0.73	0.81	0.80	0.70
DS	FS	λ_8	0.68	0.70	0.71	0.64	0.79	0.70	0.70	0.69	0.64	0.70	0.64	0.68	0.74	0.78	0.68
	GS	λ_9	0.54	0.54	0.58	0.42	0.35	0.50	0.59	0.52	0.48	0.44	0.47	0.50	0.43	0.56	0.47
	ES	λ_{10}	0.57	0.70	0.68	0.27	0.28	0.55	0.62	0.35	0.61	0.53	0.39	0.72	0.43	0.58	0.59
	TS	λ_{11}	0.47	0.53	0.55	0.44	0.39	0.48	0.53	0.52	0.49	0.48	0.41	0.43	0.47	0.61	0.52
	PS	λ_{12}	0.39	0.41	0.51	0.35	0.40	0.47	0.50	0.50	0.40	0.41	0.45	0.33	0.50	0.48	0.43
	AS	λ_{13}	0.62	0.66	0.66	0.52	0.52	0.63	0.69	0.61	0.61	0.65	0.57	0.64	0.67	0.68	0.59
		$\phi_{\text{CEWB,PA}}$	0.71	0.74	0.61	0.65	0.74	0.71	0.77	0.70	0.81	0.66	0.80	0.69	0.58	0.74	0.71
		$\phi_{\text{CEWB,NA}}$	-0.61	-0.57	-0.65	-0.55	-0.69	-0.66	-0.65	-0.70	-0.59	-0.57	-0.69	-0.57	-0.58	-0.67	-0.65
		$\phi_{\text{CEWB,DS}}$	0.82	0.82	0.86	0.79	0.89	0.82	0.87	0.87	0.90	0.79	0.89	0.85	0.92	0.88	0.72
		$\phi_{\text{PA,NA}}$	-0.94	-0.91	-0.49	-0.80	-0.89	-0.79	-0.92	-0.83	-0.90	-0.90	-0.86	-0.97	-0.69	-0.87	-0.82
		$\phi_{\text{PA,DS}}$	0.56	0.60	0.44	0.53	0.63	0.56	0.59	0.56	0.65	0.54	0.63	0.52	0.49	0.56	0.58
		$\phi_{\text{NA,DS}}$	-0.47	-0.48	-0.46	-0.49	-0.56	-0.47	-0.52	-0.52	-0.48	-0.48	-0.51	-0.44	-0.53	-0.51	-0.54

Note: All estimates are statistically significant at the 1% level ($p < 0.01$).

Table S3: Standardized factor loadings (λ) and standardized covariances (ϕ) from the configural correlated four first-order factor multi-group model (continued). The model includes cognitive-eudaimonic well-being (CEWB), positive affect (PA), negative affect (NA), and domain satisfaction (DS) as latent constructs. Observed indicators are: life satisfaction (LS), meaning in life (ML), happiness (H), calm and peaceful (CP), downhearted or depressed (DD), down in the dumps (D), nervous (N), financial satisfaction (FS), satisfaction with green areas (GS), living environment (ES), time use (TS), personal relationships (PS), and accommodation (AS). Country codes: IS = Iceland, IT = Italy, LT = Lithuania, LU = Luxembourg, LV = Latvia, MT = Malta, NL = Netherlands, NO = Norway, PL = Poland, PT = Portugal, RO = Romania, SE = Sweden, SI = Slovenia, SK = Slovakia, UK = United Kingdom.

Constr.	Ind.	Param.	Country														
			IS	IT	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	UK
CEWB	LS	λ_1	0.84	0.82	0.82	0.80	0.79	0.84	0.80	0.81	0.81	0.79	0.84	0.87	0.78	0.81	0.84
	ML	λ_2	0.65	0.73	0.74	0.57	0.72	0.49	0.59	0.68	0.58	0.63	0.83	0.66	0.64	0.74	0.71
PA	H	λ_3	0.76	0.84	0.76	0.75	0.62	0.80	0.80	0.75	0.77	0.74	0.80	0.75	0.77	0.81	0.87
	CP	λ_4	0.65	0.86	0.66	0.74	0.74	0.78	0.67	0.78	0.75	0.81	0.84	0.82	0.79	0.88	0.76
NA	DD	λ_5	0.79	0.86	0.82	0.82	0.88	0.80	0.85	0.86	0.84	0.89	0.95	0.85	0.77	0.85	0.90
	D	λ_6	0.81	0.90	0.74	0.83	0.84	0.80	0.86	0.83	0.81	0.85	0.88	0.87	0.75	0.84	0.91
	N	λ_7	0.73	0.73	0.76	0.77	0.82	0.73	0.69	0.70	0.71	0.82	0.78	0.85	0.72	0.76	0.70
DS	FS	λ_8	0.60	0.71	0.74	0.73	0.69	0.68	0.66	0.66	0.71	0.66	0.77	0.68	0.67	0.71	0.71
	GS	λ_9	0.44	0.46	0.43	0.52	0.44	0.32	0.44	0.49	0.48	0.35	0.53	0.46	0.39	0.48	0.51
	ES	λ_{10}	0.49	0.43	0.41	0.46	0.45	0.32	0.54	0.60	0.47	0.37	0.51	0.35	0.40	0.51	0.62
	TS	λ_{11}	0.45	0.57	0.53	0.51	0.66	0.38	0.69	0.50	0.53	0.48	0.71	0.53	0.49	0.53	0.60
	PS	λ_{12}	0.48	0.42	0.48	0.42	0.46	0.38	0.38	0.41	0.45	0.41	0.51	0.48	0.41	0.54	0.39
	AS	λ_{13}	0.58	0.59	0.58	0.62	0.59	0.56	0.57	0.58	0.66	0.52	0.67	0.59	0.61	0.63	0.60
		$\phi_{\text{CEWB,PA}}$	0.67	0.64	0.71	0.76	0.78	0.57	0.77	0.74	0.67	0.72	0.52	0.76	0.69	0.72	0.71
		$\phi_{\text{CEWB,NA}}$	-0.64	-0.56	-0.59	-0.63	-0.61	-0.54	-0.66	-0.63	-0.58	-0.64	-0.56	-0.61	-0.60	-0.61	-0.67
		$\phi_{\text{CEWB,DS}}$	0.75	0.87	0.91	0.90	0.96	0.80	0.89	0.77	0.82	0.89	0.92	0.83	0.91	0.83	0.84
		$\phi_{\text{PA,NA}}$	-0.90	-0.77	-0.87	-0.98	-0.97	-0.97	-0.88	-0.85	-0.79	-0.98	-0.64	-0.90	-0.89	-0.81	-0.84
		$\phi_{\text{PA,DS}}$	0.55	0.56	0.61	0.56	0.65	0.60	0.58	0.61	0.53	0.58	0.44	0.65	0.60	0.57	0.59
		$\phi_{\text{NA,DS}}$	-0.49	-0.48	-0.50	-0.52	-0.52	-0.52	-0.49	-0.49	-0.48	-0.49	-0.47	-0.54	-0.54	-0.48	-0.55

Note: All estimates are statistically significant at the 1% level ($p < 0.01$).

Table S4: Standardized factor loadings (λ) and standardized covariances (ϕ) from the configural bifactor- $(S-1)$ multi-group model. The model includes cognitive-eudaimonic well-being (CEWB), positive affect (PA), negative affect (NA), and domain satisfaction (DS) as latent constructs. Observed indicators are: life satisfaction (LS), meaning in life (ML), happiness (H), calm and peaceful (CP), downhearted or depressed (DD), down in the dumps (D), nervous (N), financial satisfaction (FS), satisfaction with green areas (GS), living environment (ES), time use (TS), personal relationships (PS), and accommodation (AS). Country codes: AT = Austria, BE = Belgium, BG = Bulgaria, CH = Switzerland, CY = Cyprus, CZ = Czech Republic, DE = Germany, DK = Denmark, EE = Estonia, ES = Spain, FI = Finland, FR = France, HR = Croatia, HU = Hungary, IE = Ireland.

Constr.	Ind.	Param.	Country														
			AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	HR	HU	IE
SWB	LS	λ_1	0.82	0.81	0.86	0.81	0.85	0.81	0.86	0.83	0.80	0.83	0.81	0.84	0.85	0.85	0.86
	ML	λ_2	0.57	0.56	0.69	0.53	0.65	0.71	0.69	0.74	0.60	0.67	0.69	0.50	0.74	0.68	0.71
	H	λ_3	0.58	0.63	0.46	0.55	0.61	0.58	0.60	0.61	0.55	0.58	0.65	0.57	0.50	0.58	0.64
	CP	λ_4	0.41	0.44	0.43	0.47	0.59	0.56	0.48	0.53	0.41	0.41	0.53	0.40	0.48	0.55	0.58
	DD	λ_5	-0.50	-0.52	-0.60	-0.46	-0.55	-0.54	-0.57	-0.64	-0.46	-0.54	-0.53	-0.51	-0.53	-0.57	-0.60
	D	λ_6	-0.51	-0.55	-0.55	-0.49	-0.59	-0.52	-0.53	-0.60	-0.42	-0.56	-0.56	-0.49	-0.47	-0.56	-0.62
	N	λ_7	-0.38	-0.38	-0.48	-0.43	-0.52	-0.47	-0.43	-0.53	-0.42	-0.40	-0.52	-0.36	-0.51	-0.50	-0.50
	FS	λ_8	0.65	0.64	0.68	0.56	0.74	0.63	0.66	0.61	0.64	0.65	0.60	0.65	0.71	0.72	0.60
	GS	λ_9	0.39	0.42	0.44	0.34	0.26	0.35	0.47	0.44	0.35	0.29	0.39	0.35	0.38	0.45	0.31
	ES	λ_{10}	0.41	0.57	0.54	0.23	0.19	0.40	0.50	0.29	0.49	0.37	0.31	0.58	0.38	0.47	0.42
	TS	λ_{11}	0.42	0.49	0.45	0.40	0.34	0.40	0.49	0.45	0.42	0.41	0.37	0.40	0.43	0.55	0.44
	PS	λ_{12}	0.37	0.39	0.50	0.31	0.35	0.44	0.48	0.46	0.38	0.39	0.42	0.32	0.48	0.44	0.38
	AS	λ_{13}	0.50	0.56	0.53	0.43	0.47	0.51	0.58	0.52	0.54	0.54	0.51	0.53	0.61	0.59	0.44
PA	H	λ_{14}	0.44	0.41	0.49	0.49	0.46	0.50	0.38	0.62	0.29	0.46	0.41	0.46	0.55	0.47	0.57
	CP	λ_{15}	0.66	0.67	0.82	0.59	0.73	0.71	0.64	0.55	0.60	0.74	0.60	0.70	0.81	0.72	0.52
NA	DD	λ_{16}	0.64	0.67	0.76	0.69	0.70	0.67	0.65	0.64	0.70	0.73	0.64	0.65	0.78	0.68	0.67
	D	λ_{17}	0.59	0.64	0.61	0.69	0.58	0.55	0.60	0.65	0.61	0.68	0.60	0.62	0.66	0.63	0.64
	N	λ_{18}	0.63	0.62	0.59	0.48	0.64	0.61	0.58	0.49	0.68	0.66	0.59	0.66	0.62	0.63	0.48
DS	FS	λ_{19}	0.04	0.15	0.02 ^a	0.18	0.02 ^a	0.10	0.06	0.19	0.02 ^a	0.09	0.02 ^a	0.07	0.01 ^a	0.09	0.12
	GS	λ_{20}	0.66	0.49	0.72	0.41	0.65	0.75	0.67	0.47	0.71	0.68	0.62	0.58	0.65	0.68	0.56
	ES	λ_{21}	0.77	0.64	0.69	0.15	0.68	0.82	0.78	0.26	0.58	0.83	0.53	0.68	0.67	0.78	0.75
	TS	λ_{22}	0.12	0.11	0.35	0.09	0.22	0.17	0.09	0.25	0.19	0.17	0.15	0.08	0.20	0.15	0.15
	PS	λ_{23}	0.05	0.05	0.03 ^a	0.09	0.18	0.03	0.04	0.08	0.07	0.06	0.07	0.03	0.05	0.13	0.10
	AS	λ_{24}	0.32	0.33	0.44	0.46	0.12	0.30	0.30	0.38	0.19	0.27	0.14	0.34	0.14	0.24	0.41
		$\phi_{PA,NA}$	-0.87	-0.82	-0.18	-0.66	-0.77	-0.61	-0.81	-0.67	-0.80	-0.80	-0.71	-0.91	-0.51	-0.74	-0.63
		$\phi_{PA,DS}$	-0.02 ^a	-0.08	-0.08	-0.16	0.02 ^a	-0.01 ^a	-0.13	-0.14	-0.01 ^a	0.01 ^a	-0.13	-0.06	-0.18	-0.08	-0.02 ^a
		$\phi_{NA,DS}$	0.07	0.12	0.17	0.09	0.00 ^a	0.10	0.10	0.28	-0.03 ^a	0.02	0.15	0.11	0.07	0.12	0.02 ^a

Note: All estimates are statistically significant at the 1% level ($p < 0.01$) unless marked with ^a.

Table S4: Standardized factor loadings (λ) and standardized covariances (ϕ) from the configural bifactor- $(S-1)$ multi-group model (continued). The model includes cognitive-eudaimonic well-being (CEWB), positive affect (PA), negative affect (NA), and domain satisfaction (DS) as latent constructs. Observed indicators are: life satisfaction (LS), meaning in life (ML), happiness (H), calm and peaceful (CP), downhearted or depressed (DD), down in the dumps (D), nervous (N), financial satisfaction (FS), satisfaction with green areas (GS), living environment (ES), time use (TS), personal relationships (PS), and accommodation (AS). Country codes: IS = Iceland, IT = Italy, LT = Lithuania, LU = Luxembourg, LV = Latvia, MT = Malta, NL = Netherlands, NO = Norway, PL = Poland, PT = Portugal, RO = Romania, SE = Sweden, SI = Slovenia, SK = Slovakia, UK = United Kingdom.

Constr.	Ind.	Param.	Country														
			IS	IT	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	UK
SWB	LS	λ_1	0.81	0.81	0.86	0.81	0.83	0.81	0.83	0.81	0.81	0.81	0.84	0.86	0.80	0.81	0.83
	ML	λ_2	0.63	0.71	0.76	0.57	0.74	0.47	0.60	0.67	0.57	0.64	0.83	0.65	0.64	0.74	0.69
	H	λ_3	0.55	0.58	0.57	0.62	0.55	0.52	0.62	0.58	0.56	0.61	0.44	0.61	0.56	0.61	0.64
	CP	λ_4	0.39	0.51	0.35	0.42	0.46	0.40	0.42	0.54	0.42	0.45	0.40	0.56	0.48	0.60	0.53
	DD	λ_5	-0.54	-0.48	-0.42	-0.55	-0.51	-0.45	-0.55	-0.55	-0.48	-0.57	-0.50	-0.53	-0.48	-0.49	-0.62
	D	λ_6	-0.55	-0.54	-0.46	-0.58	-0.49	-0.50	-0.55	-0.55	-0.47	-0.58	-0.48	-0.56	-0.44	-0.50	-0.62
	N	λ_7	-0.44	-0.41	-0.41	-0.44	-0.48	-0.35	-0.39	-0.43	-0.45	-0.44	-0.45	-0.53	-0.41	-0.51	-0.46
	FS	λ_8	0.54	0.67	0.74	0.67	0.68	0.65	0.61	0.59	0.67	0.62	0.75	0.60	0.66	0.66	0.67
	GS	λ_9	0.30	0.36	0.30	0.45	0.35	0.16	0.32	0.36	0.35	0.26	0.44	0.35	0.31	0.35	0.42
	ES	λ_{10}	0.36	0.36	0.30	0.39	0.36	0.17	0.39	0.41	0.33	0.28	0.43	0.27	0.34	0.38	0.52
	TS	λ_{11}	0.36	0.51	0.46	0.46	0.62	0.29	0.68	0.42	0.43	0.40	0.66	0.44	0.43	0.44	0.56
	PS	λ_{12}	0.43	0.40	0.44	0.41	0.45	0.34	0.34	0.37	0.43	0.37	0.47	0.45	0.38	0.50	0.35
	AS	λ_{13}	0.48	0.53	0.51	0.54	0.53	0.52	0.43	0.44	0.54	0.45	0.63	0.46	0.55	0.53	0.52
		λ_{14}	0.48	0.56	0.44	0.41	0.28	0.59	0.44	0.44	0.45	0.45	0.60	0.39	0.49	0.49	0.58
PA	H	λ_{14}	0.44	0.41	0.49	0.49	0.46	0.50	0.38	0.62	0.29	0.46	0.41	0.46	0.55	0.47	0.57
	CP	λ_{15}	0.66	0.67	0.82	0.59	0.73	0.71	0.64	0.55	0.60	0.74	0.60	0.70	0.81	0.72	0.52
NA	DD	λ_{16}	0.64	0.67	0.76	0.69	0.70	0.67	0.65	0.64	0.70	0.73	0.64	0.65	0.78	0.68	0.67
	D	λ_{17}	0.59	0.64	0.61	0.69	0.58	0.55	0.60	0.65	0.61	0.68	0.60	0.62	0.66	0.63	0.64
	N	λ_{18}	0.63	0.62	0.59	0.48	0.64	0.61	0.58	0.49	0.68	0.66	0.59	0.66	0.62	0.63	0.48
DS	FS	λ_{19}	0.04	0.15	0.02 ^a	0.18	0.02 ^a	0.10	0.06	0.19	0.02 ^a	0.09	0.02 ^a	0.07	0.01 ^a	0.09	0.12
	GS	λ_{20}	0.66	0.49	0.72	0.41	0.65	0.75	0.67	0.47	0.71	0.68	0.62	0.58	0.65	0.68	0.56
	ES	λ_{21}	0.77	0.64	0.69	0.15	0.68	0.82	0.78	0.26	0.58	0.83	0.53	0.68	0.67	0.78	0.75
	TS	λ_{22}	0.12	0.11	0.35	0.09	0.22	0.17	0.09	0.25	0.19	0.17	0.15	0.08	0.20	0.15	0.15
	PS	λ_{23}	0.05	0.05	0.03 ^a	0.09	0.18	0.03	0.04	0.08	0.07	0.06	0.07	0.03	0.05	0.13	0.10
	AS	λ_{24}	0.32	0.33	0.44	0.46	0.12	0.30	0.30	0.38	0.19	0.27	0.14	0.34	0.14	0.24	0.41
		$\phi_{PA,NA}$	-0.87	-0.82	-0.18	-0.66	-0.77	-0.61	-0.81	-0.67	-0.80	-0.80	-0.71	-0.91	-0.51	-0.74	-0.63
		$\phi_{PA,DS}$	-0.02 ^a	-0.08	-0.08	-0.16	0.02 ^a	-0.01 ^a	-0.13	-0.14	-0.01 ^a	0.01 ^a	-0.13	-0.06	-0.18	-0.08	-0.02 ^a
		$\phi_{NA,DS}$	0.07	0.12	0.17	0.09	0.00 ^a	0.10	0.10	0.28	-0.03 ^a	0.02	0.15	0.11	0.07	0.12	0.02 ^a

Note: All estimates are statistically significant at the 1% level ($p < 0.01$) unless marked with ^a.

Table S5: Reliability estimates from the configural correlated four first-order factor multi-group model. Reported are Cronbach's alpha (α ; Cronbach 1951), ordinal alpha (α_{ord} ; Zumbo et al. 2007), and McDonald's omega (ω ; McDonald 1999). Country codes: AT = Austria, BE = Belgium, BG = Bulgaria, CH = Switzerland, CY = Cyprus, CZ = Czech Republic, DE = Germany, DK = Denmark, EE = Estonia, ES = Spain, FI = Finland, FR = France, HR = Croatia, HU = Hungary, IE = Ireland, IS = Iceland, IT = Italy, LT = Lithuania, LU = Luxembourg, LV = Latvia, MT = Malta, NL = Netherlands, NO = Norway, PL = Poland, PT = Portugal, RO = Romania, SE = Sweden, SI = Slovenia, SK = Slovakia, UK = United Kingdom.

Constr.	Rel.	Country														
		AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	HR	HU	IE
CEWB	α	0.63	0.63	0.73	0.64	0.68	0.72	0.73	0.75	0.62	0.73	0.70	0.59	0.78	0.71	0.81
	ω	0.65	0.63	0.73	0.68	0.72	0.72	0.73	0.76	0.63	0.75	0.71	0.63	0.79	0.73	0.83
PA	α	0.62	0.65	0.71	0.64	0.78	0.75	0.64	0.71	0.51	0.67	0.66	0.65	0.76	0.74	0.72
	α_{ord}	0.69	0.71	0.75	0.71	0.82	0.81	0.69	0.80	0.57	0.73	0.74	0.71	0.82	0.79	0.80
	ω	0.61	0.64	0.71	0.62	0.78	0.74	0.60	0.72	0.51	0.68	0.64	0.65	0.76	0.73	0.72
NA	α	0.77	0.78	0.84	0.75	0.85	0.79	0.78	0.80	0.78	0.83	0.80	0.77	0.84	0.84	0.81
	α_{ord}	0.82	0.83	0.88	0.81	0.88	0.83	0.83	0.87	0.83	0.87	0.85	0.82	0.88	0.88	0.86
	ω	0.77	0.80	0.85	0.76	0.85	0.80	0.79	0.81	0.78	0.85	0.80	0.79	0.85	0.85	0.82
DS	α	0.71	0.74	0.80	0.58	0.65	0.74	0.77	0.70	0.72	0.71	0.65	0.70	0.73	0.80	0.71
	ω	0.72	0.75	0.79	0.59	0.62	0.73	0.77	0.70	0.71	0.70	0.65	0.71	0.71	0.79	0.72
Constr.	Rel.	IS	IT	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	UK
CEWB	α	0.70	0.75	0.75	0.62	0.72	0.57	0.64	0.71	0.64	0.65	0.82	0.72	0.66	0.75	0.75
	ω	0.73	0.76	0.76	0.66	0.73	0.66	0.66	0.72	0.66	0.68	0.82	0.73	0.68	0.76	0.76
PA	α	0.56	0.80	0.60	0.64	0.58	0.71	0.61	0.67	0.67	0.71	0.75	0.69	0.70	0.76	0.73
	α_{ord}	0.66	0.84	0.67	0.72	0.63	0.77	0.70	0.74	0.73	0.75	0.81	0.76	0.76	0.83	0.79
	ω	0.58	0.79	0.61	0.64	0.58	0.71	0.61	0.67	0.66	0.71	0.75	0.69	0.68	0.75	0.73
NA	α	0.75	0.83	0.77	0.79	0.83	0.76	0.78	0.73	0.77	0.85	0.86	0.81	0.71	0.78	0.82
	α_{ord}	0.82	0.86	0.81	0.84	0.88	0.81	0.84	0.84	0.82	0.88	0.90	0.89	0.78	0.84	0.87
	ω	0.75	0.84	0.77	0.81	0.84	0.77	0.79	0.74	0.78	0.86	0.86	0.83	0.72	0.80	0.83
DS	α	0.68	0.70	0.71	0.71	0.74	0.62	0.72	0.70	0.73	0.65	0.80	0.68	0.66	0.76	0.74
	ω	0.68	0.70	0.71	0.72	0.73	0.57	0.73	0.71	0.73	0.63	0.79	0.69	0.67	0.74	0.75