

Supplementary Material

Table S1*Demographic Characteristics of the Sample by Country*

Country	Language	Administration mode	Year	Sample size	% Female	Age range	M_{age} (SD)
China	Chinese	Paper-and-Pencil	2016-2017	332	75.0	18-22	19.14 (0.96)
Greece	Greek	Online	2017-2018	422	61.1	18-29	22.02 (2.54)
India	English	Online	2022	356	56.7	18-25	20.12 (1.49)
India	Hindi	Paper-and-Pencil	2014-2015	611	50.9	18-24	20.53 (1.70)
Indonesia	Indonesian	Online	2019	386	78.5	18-29	23.43 (2.91)
Italy	Italian	Online, Paper-and-Pencil	2016	558	75.1	18-29	22.86 (2.47)
Japan	Japanese	Paper-and-Pencil	2019-2021	841	23.9	18-27	20.74 (1.10)
Mexico	Spanish	Paper-and-Pencil	2017	743	62.6	18-29	21.45 (2.29)
Philippines	English	Online	2020	424	82.1	18-29	19.61 (1.66)
Poland	Polish	Online	2018	278	49.6	18-29	23.60 (2.73)
Romania	Romanian	Paper-and-Pencil	2019	505	42.6	18-28	20.68 (1.46)
Serbia	Serbian	Paper-and-Pencil	2018	744	59.4	18-26	20.70 (1.35)
Slovenia	Slovenian	Online	2019-2022	275	86.2	19-29	20.80 (1.75)
South Africa	English	Online	2015	978	75.9	18-29	19.88 (1.53)
Turkey	Turkish	Online, Paper-and-Pencil	2020	427	73.5	18-29	20.86 (2.83)
UAE	Arabic	Online	2019-2020	507	79.5	18-24	N/A
USA	English	Online	2017-2018	473	82.7	18-29	19.81 (2.24)
Total	-	-	2014-2022	8,860	63.6	18-29	21.0 (2.25)

Note. M = mean; SD = standard deviation, N/A = not available.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S2

Descriptive Statistics and Reliability broken down by Country

Country	SWLS				SPANE-P				SPANE-N			
	<i>M</i>	<i>SD</i>	ω	α	<i>M</i>	<i>SD</i>	ω	α	<i>M</i>	<i>SD</i>	ω	α
China	4.09	0.94	.87	.85	3.67	0.61	.90	.90	2.60	0.64	.83	.82
Greece	4.64	1.22	.89	.88	3.63	0.78	.91	.90	2.59	0.81	.87	.85
India (English)	4.34	1.56	.91	.91	3.56	0.82	.91	.90	2.93	0.74	.83	.83
India (Hindi)	4.47	1.02	.56	.53	3.76	0.68	.70	.69	3.17	0.75	.76	.76
Indonesia	3.91	1.37	.89	.89	3.50	0.66	.87	.87	3.09	0.67	.80	.79
Italy	3.97	1.50	.90	.89	3.30	0.81	.90	.90	2.55	0.86	.86	.85
Japan	3.81	1.11	.82	.80	3.68	0.75	.93	.93	2.78	0.82	.85	.84
Mexico	5.62	0.98	.82	.81	4.23	0.50	.79	.79	2.28	0.59	.71	.69
Philippines	4.73	1.28	.89	.89	3.67	0.75	.90	.89	2.92	0.73	.83	.82
Poland	2.98	0.77	.86	.85	3.38	0.78	.91	.91	2.86	0.74	.85	.84
Romania	5.00	1.10	.81	.79	3.86	0.61	.82	.81	2.57	0.74	.80	.78
Serbia	5.00	1.11	.86	.85	4.01	0.63	.88	.88	1.94	0.66	.83	.82
Slovenia	4.77	1.21	.86	.85	3.73	0.71	.91	.90	2.71	0.71	.82	.81
South Africa	4.68	1.27	.83	.82	3.65	0.63	.83	.82	2.66	0.65	.79	.78
Turkey	4.02	1.50	.87	.87	3.54	0.82	.87	.87	3.08	0.90	.81	.79
UAE	4.60	1.26	.83	.82	3.57	0.72	.86	.86	2.73	0.65	.74	.73
USA	4.85	1.33	.90	.90	3.73	0.68	.90	.90	2.41	0.75	.87	.87

Note. SWLS = Satisfaction with Life Scale; SPANE-P = Positive Feelings subscale of the Scale of Positive and Negative

Experience; SPANE-N = Negative Feelings subscale of the Scale of Positive and Negative Experience; *M* = mean; *SD* = standard deviation; ω = McDonald's omega reliability coefficient; α = Cronbach's alpha reliability coefficient.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S3

Three-Factor CFA Model Fitted in Each Country Separately

Country	Model Fit Indices				Latent factor <i>r</i>		
	χ^2 (df = 116)	CFI	RMSEA [90% CI]	SRMR	PA-LS	NA-LS	PA-NA
China	286.55	.928	.067 [.057, .076]	.048	.59	-.42	-.66
Greece	206.40	.975	.043 [.033, .052]	.035	.70	-.55	-.80
India (English)	212.36	.962	.048 [.038, .058]	.048	.76	.06	-.12
India (Hindi)	198.65	.940	.034 [.026, .042]	.043	.56	-.02	.12
Indonesia	265.47	.944	.058 [.049, .067]	.043	.70	-.51	-.53
Italy	318.06	.956	.056 [.049, .063]	.038	.75	-.61	-.74
Japan	454.38	.941	.059 [.053, .065]	.043	.48	-.38	-.32
Mexico	240.85	.953	.038 [.031, .045]	.035	.57	-.30	-.55
Philippines	297.76	.937	.061 [.052, .069]	.049	.69	-.52	-.64
Poland	202.73	.950	.052 [.040, .064]	.050	.58	-.42	-.47
Romania	275.55	.936	.052 [.044, .060]	.048	.60	-.44	-.57
Serbia	313.65	.955	.048 [.042, .054]	.042	.57	-.49	-.67
Slovenia	177.21	.973	.044 [.030, .056]	.040	.69	-.62	-.74
South Africa	367.66	.950	.047 [.042, .053]	.038	.70	-.44	-.64
Turkey	190.69	.967	.039 [.029, .049]	.037	.29	-.14	-.53
UAE	239.94	.949	.046 [.038, .054]	.042	.62	-.42	-.64
USA	267.30	.959	.053 [.044, .061]	.043	.68	-.54	-.67

Note. df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = Confidence Interval; SRMR = Standardized Root Mean Squared Residual; *r* = correlation; PA = Positive Affect; LS = Life Satisfaction; NA = Negative Affect.

The p-value of a chi-square test was significant at the .05 level in every model.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S4

Conventional Bifactor-CFA Model Fitted in Each Country Separately

Country	χ^2 (df = 102)	CFI	RMSEA [90% CI]	SRMR
China ^a	279.56	.925	.072 [.062, .083]	.042
Greece ^a	172.75	.980	.041 [.030, .051]	.027
India (English) ^b	186.49	.967	.048 [.037, .059]	.050
India (Hindi)	No convergence			
Indonesia ^a	218.45	.956	.054 [.044, .064]	.034
Italy ^a	256.54	.967	.052 [.044, .060]	.031
Japan ^b	378.11	.952	.057 [.051, .063]	.035
Mexico	No convergence			
Philippines	245.63	.950	.058 [.048, .067]	.040
Poland ^c	192.67	.948	.057 [.044, .069]	.065
Romania ^a	204.57	.959	.045 [.036, .053]	.035
Serbia ^a	209.54	.976	.038 [.030, .045]	.029
Slovenia	141.85	.983	.038 [.021, .052]	.033
South Africa	No convergence			
Turkey ^a	160.05	.974	.037 [.025, .047]	.031
UAE ^a	210.30	.956	.046 [.037, .055]	.036
USA ^a	211.63	.970	.048 [.039, .057]	.030

Note. df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = confidence interval; SRMR = Standardized Root Mean Squared Residual.

^a Variance of Positive Affect factor was either negative or non-significant at $p < .05$.

^b Variance of Life Satisfaction factor was either negative or non-significant at $p < .05$.

^c Variance of one of the residuals was negative and therefore fixed to .001.

The p-value of a chi-square test was significant at the .05 level in every model.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S5

S-1 Bifactor-CFA Models

Omitted Factor	AIC	aBIC	χ^2	df	CFI	RMSEA 90% CI	SRMR
<i>Pooled-Sample S-1 Bifactor-CFA</i>							
Life Satisfaction	406891.8	407142.1	1247.62	106	.977	.035 [.033, .037]	.022
Positive Affect	406974.5	407221.0	1312.68	107	.976	.036 [.034, .037]	.023
Negative Affect	406907.3	407153.7	1259.39	107	.977	.035 [.033, .037]	.024
<i>Pooled-Sample S-1 Bifactor-ESEM</i>							
Life Satisfaction	360200.8	360529.4	903.11	86	.984	.033 [.031, .035]	.014
Positive Affect	360200.8	360529.4	903.11	86	.984	.033 [.031, .035]	.014
Negative Affect	360200.8	360529.4	903.11	86	.984	.033 [.031, .035]	.014

Note. AIC = Akaike Information Criterion; aBIC = Sample-Adjusted Bayesian Information Criterion; df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; SRMR = Standardized Root Mean Squared Residual; CFA = Confirmatory Factor Analysis; ESEM = Exploratory Structural Equation Modeling. The p-value of a chi-square test was significant at the .05 level in every model.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S6

S-1 Bifactor-CFA Model Omitting Positive Affect Factor Fitted in Each Country Separately

Country	Model Fit Indices				<i>r</i> between NA and LS
	χ^2 (df = 107)	CFI	RMSEA [90% CI]	SRMR	
China	278.37	.928	.069 [.060, .080]	.043	-.06
Greece	183.69	.978	.041 [.031, .051]	.028	.02
India (English)	188.78	.968	.046 [.035, .057]	.036	.22**
India (Hindi)	183.13	.945	.034 [.026, .042]	.039	-.12
Indonesia	252.93	.945	.059 [.050, .069]	.040	-.23**
Italy	282.37	.962	.054 [.047, .062]	.033	-.12
Japan	431.05	.944	.060 [.054, .066]	.037	-.27***
Mexico	234.22	.952	.040 [.033, .047]	.033	.01
Philippines	287.04	.938	.063 [.054, .072]	.048	-.14*
Poland	190.30	.952	.053 [.040, .065]	.044	-.21*
Romania	238.31	.947	.049 [.041, .058]	.039	-.14*
Serbia	254.71	.967	.043 [.036, .050]	.030	-.18**
Slovenia	143.52	.984	.035 [.018, .049]	.031	-.24**
South Africa	348.77	.952	.048 [.042, .054]	.034	.05
Turkey	178.91	.968	.040 [.029, .050]	.033	.02
UAE	220.87	.953	.046 [.037, .054]	.037	-.06
USA	233.91	.966	.050 [.041, .059]	.034	-.14*

Note. df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = confidence interval; SRMR = Standardized Root Mean Squared Residual; *r* = correlation; NA = Negative Affect; LS = Life Satisfaction.

The p-value of a chi-square test was significant at the .05 level in every model.

* $p < .05$, ** $p < .01$, *** $p < .001$.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S7

Differences in Model Fit of the Three-Factor CFA and the S-1 Bifactor-CFA Omitting Positive Affect Factor Models

Country	AIC	aBIC	CFI	RMSEA	SRMR
China	-6.6	-0.9	< .001	.002	-.005
Greece	-9.9	-2.1	.003	-.002	-.007
India (English)	-9.0	-2.7	.006	-.002	-.012
India (Hindi)	-1.4	9.7	.005	< .001	-.004
Indonesia	3.3	10.4	.001	.001	-.003
Italy	-24.8	-14.5	.006	-.002	-.005
Japan	-11.0	3.0	.003	.001	-.006
Mexico	8.2	21.1	-.001	.002	-.002
Philippines	7.0	14.8	.001	.002	-.001
Poland	7.2	11.3	.002	.001	-.006
Romania	-24.8	-15.3	.011	-.003	-.009
Serbia	-54.8	-41.9	.012	-.005	-.012
Slovenia	-19.4	-15.4	.011	-.009	-.009
South Africa	-5.4	10.0	.002	.001	-.004
Turkey	6.2	14.1	.001	.001	-.004
UAE	-4.3	5.2	.004	< .001	-.005
USA	-23.5	-14.6	.007	-.003	-.009

Note. AIC = Akaike Information Criterion; aBIC = Sample-Adjusted Bayesian Information Criterion; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; SRMR = Standardized Root Mean Squared Residual.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S8

Single-Country Fixed Bifactor-CFA Model

Country	Model Fit Indices				Latent factor <i>r</i>		
	χ^2 (df = 115)	CFI	RMSEA [90% CI]	SRMR	PA-LS	NA-LS	PA-NA
China	286.83	.928	.067 [.057, .077]	.048	.59	-.44	-.69
Greece ^a	206.42	.975	.043 [.033, .052]	.035	.70	-.55	-.80
India (English)	198.79	.967	.045 [.034, .056]	.042	.74	-.14	-.59
India (Hindi) ^a	198.69	.940	.034 [.026, .042]	.043	.56	-.02	.12
Indonesia ^a	265.55	.944	.058 [.049, .067]	.043	.70	-.52	-.54
Italy ^b	304.83	.959	.054 [.047, .062]	.041	.75	-.80	< -1
Japan	451.38	.942	.059 [.053, .065]	.041	.40	-.63	-.70
Mexico	241.46	.952	.038 [.032, .045]	.035	.56	-.33	-.61
Philippines	289.86	.940	.060 [.051, .069]	.049	.67	-.68	-.93
Poland	199.43	.951	.051 [.039, .063]	.047	.53	-.59	-.64
Romania	276.92	.935	.053 [.045, .061]	.048	.60	-.45	-.60
Serbia	309.92	.956	.048 [.041, .054]	.041	.54	-.60	-.88
Slovenia ^a	177.42	.973	.044 [.030, .056]	.040	.69	-.62	-.74
South Africa	363.64	.950	.047 [.042, .053]	.036	.69	-.55	-.88
Turkey	190.49	.967	.039 [.029, .049]	.036	.27	-.17	-.62
UAE ^b	230.81	.953	.045 [.036, .053]	.040	.58	-.66	< -1
USA	268.20	.958	.053 [.045, .061]	.042	.68	-.56	-.70

Note. df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = Confidence Interval; SRMR = Standardized Root Mean Squared Residual; *r* = correlation; PA = Positive Affect; LS = Life Satisfaction; NA = Negative Affect.

^a Variance of the general factor was estimated to be negative.

^b The correlation between PA and NA was estimated to be lower than -1.

The p-value of a chi-square test was significant at the .05 level in every model.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S9

Differences between Fixed Bifactor-CFA and Three-Factor CFA Models

Country	AIC	aBIC	CFI	RMSEA	SRMR	LRT (df = 1)	LRT <i>p</i> -value
China	1.9	2.5	< .001	< .001	< .001	0.08	.778
Greece	< .01	< .01	< .001	< .001	< .001	Nn	-
India (English)	-15.4	-14.7	.005	-.003	-.006	12.8	<.001
India (Hindi)	< .001	< .001	< .001	< .001	< .001	Nn	-
Indonesia	0.5	1.2	< .001	< .001	.001	1.1	.301
Italy	-17.3	-16.1	.003	-.002	.003	7.7	.005
Japan	-6.9	-5.4	.001	< .001	-.002	3.5	.062
Mexico	1.5	3.0	< .001	< .001	< .001	Nn	-
Philippines	-8.1	-7.2	.003	-.001	-.002	7.98	.005
Poland	-1.7	-1.3	.001	-.001	-.003	3.90	.048
Romania	1.9	2.9	-.001	.001	< .001	.06	.803
Serbia	-6.3	-4.9	.001	< .001	-.001	3.18	.075
Slovenia	0.3	0.3	< .001	< .001	< .001	Nn	-
South Africa	-4.9	-3.2	< .001	< .001	-.002	3.71	.054
Turkey	1.3	2.1	< .001	< .001	-.001	0.50	.480
UAE	-10.1	-9.1	.004	-.001	-.002	6.80	.009
USA	1.9	2.9	-.001	< .001	-.001	0.07	.786

Note. AIC = Akaike Information Criterion; aBIC = Sample-Adjusted Bayesian Information Criterion; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; SRMR = Standardized Root Mean Squared Residual; LRT = Likelihood Ratio Test; df = degrees of freedom; Nn = models are non-nested; therefore, comparison of chi-squares was not available.

Fit indices of less restrictive bifactor model were subtracted from more restrictive non-bifactor model fit indices, thus an improvement of fit was expected.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S10

Single-Country Three-Factor ESEM Model

Country	Model Fit Indices				Latent factor <i>r</i>		
	χ^2 (df = 88)	CFI	RMSEA [90% CI]	SRMR	PA-LS	NA-LS	PA-NA
China	257.53	.936	.066 [.056, .076]	.034	.55	-.39	-.62
Greece	157.75	.985	.035 [.023, .045]	.021	.67	-.53	-.78
India (English)	155.46	.980	.037 [.024, .048]	.025	.73	.07	-.09
India (Hindi)	132.53	.980	.021 [.006, .031]	.027	.46	-.01	.11
Indonesia	205.91	.962	.050 [.040, .060]	.030	.68	-.48	-.52
Italy	223.20	.974	.045 [.037, .053]	.022	.69	-.54	-.69
Japan	365.29	.955	.054 [.048, .060]	.026	.48	-.36	-.31
Mexico	221.72	.956	.039 [.032, .046]	.030	.55	-.30	-.53
Philippines	192.91	.970	.044 [.034, .054]	.026	.62	-.46	-.59
Poland	18.92	.956	.051 [.038, .063]	.034	.54	-.37	-.45
Romania	188.57	.967	.040 [.030, .049]	.027	.57	-.42	-.48
Serbia	203.03	.978	.035 [.028, .043]	.021	.53	-.43	-.61
Slovenia	122.58	.992	.025 [.000, .041]	.024	.61	-.59	-.68
South Africa	28.76	.965	.041 [.036, .047]	.025	.69	-.40	-.60
Turkey	165.87	.973	.037 [.026, .047]	.028	.29	-.13	-.51
UAE	171.73	.973	.035 [.026, .045]	.027	.55	-.35	-.56
USA	202.40	.974	.044 [.035, .053]	.023	.64	-.49	-.65

Note. df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = Confidence Interval; SRMR = Standardized Root Mean Squared Residual; *r* = correlation; PA = Positive Affect; LS = Life Satisfaction; NA = Negative Affect.

The p-value of a chi-square test was significant at the .05 level in every model.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S11

Standardized Factor Loadings of the Three-Factor ESEM Model Fitted in Each Sample

		CN	GR	IN-E	IN-H	ID	IT	JP	MX	PH	PL	RO	RS	SI	ZA	TR	AE	US
PA																		
SPANE1	Positive	.75	.78	.86	.39	.58	.77	.74	.56	.74	.71	.54	.73	.78	.61	.63	.67	.74
SPANE3	Good	.69	.70	.92	.42	.57	.66	.89	.44	.74	.75	.58	.47	.70	.56	.64	.62	.75
SPANE5	Pleasant	.71	.88	.77	.39	.61	.86	.81	.56	.76	.86	.27	.69	.80	.71	.76	.74	.81
SPANE7	Happy	.90	.85	.70	.76	.94	.80	.89	.59	.88	.79	.86	.87	.80	.71	.80	.75	.94
SPANE10	Joyful	.87	.70	.69	.72	.97	.78	.94	.75	.87	.84	.87	.86	.68	.90	.66	.74	.73
SPANE12	Contented	.56	.69	.56	.36	.47	.57	.72	.74	.31	.76	.49	.64	.67	.48	.66	.57	.37
SPANE2	Negative	.01	-.15	-.14	.05	-.07	-.22	-.08	-.13	-.10	.05	-.05	-.13	-.14	-.07	-.08	-.12	-.04
SPANE4	Bad	-.02	.03	-.07	-.06	.01	.08	-.02	.03	-.03	-.02	-.07	-.12	.12	-.02	-.01	-.02	-.06
SPANE6	Unpleasant	-.03	.02	-.06	.01	.03	.01	-.01	.02	-.05	-.08	-.08	-.01	.10	-.04	-.06	-.27	-.08
SPANE8	Sad	-.09	-.02	.15	-.03	-.05	-.04	.04	.02	< .01	-.04	-.14	-.01	-.14	.02	.07	.14	.10
SPANE9	Afraid	.14	.10	.01	.11	.04	-.08	.06	.06	.18	-.05	.19	.11	-.17	.04	.06	.10	.12
SPANE11	Angry	-.12	.02	.10	-.05	.02	.19	.04	.02	-.01	.14	.14	.14	-.17	.02	.04	.06	-.03
SWLS1	In most ways my life is close to my ideal	-.06	.10	.21	-.06	-.03	.03	-.01	< .01	.16	.01	-.10	.04	.02	.01	.02	-.04	.01
SWLS2	The conditions of my life are excellent	.07	< .01	-.08	.05	.14	-.04	.05	.02	.03	-.01	-.01	-.16	-.09	-.05	-.02	.08	.02
SWLS3	I am satisfied with my life	.13	.03	.02	.09	.05	.06	.02	.02	-.03	.04	-.03	.04	.19	.01	.03	.05	.14
SWLS4	So far I have gotten the important things I want in life	.06	-.11	-.02	.15	.02	.04	-.01	.03	.03	.06	.14	.05	-.16	.10	.01	.07	-.08
SWLS5	If I could live my life over, I would change almost nothing	-.16	.08	.11	-.09	-.06	.06	-.03	-.03	.11	-.03	.12	.08	.04	.07	-.05	-.04	.03
NA																		
SPANE2	Negative	.74	.73	.76	.58	.66	.69	.71	.61	.78	.75	.71	.71	.72	.67	.70	.65	.75
SPANE4	Bad	.78	.92	.72	.65	.74	.79	.80	.61	.79	.78	.81	.65	.96	.67	.80	.58	.78
SPANE6	Unpleasant	.78	.91	.69	.59	.63	.85	.76	.58	.71	.73	.60	.74	.76	.70	.71	.46	.78
SPANE8	Sad	.62	.70	.76	.60	.67	.72	.68	.60	.65	.73	.61	.66	.58	.61	.76	.68	.79
SPANE9	Afraid	.61	.56	.55	.58	.58	.47	.50	.29	.58	.51	.46	.56	.32	.45	.34	.48	.69
SPANE11	Angry	.44	.38	.53	.55	.51	.65	.68	.49	.44	.64	.56	.59	.28	.56	.49	.48	.59
SPANE1	Positive	-.02	-.07	-.05	.01	-.04	-.12	-.03	-.07	-.13	-.05	-.12	-.06	-.07	-.12	-.09	-.17	-.10
SPANE3	Good	-.03	-.08	.02	.02	-.10	-.10	< .01	-.04	.03	-.07	-.17	-.13	-.03	-.10	-.04	-.01	-.04
SPANE5	Pleasant	-.10	-.01	.03	-.01	-.09	.03	-.04	.02	.04	< .01	-.03	-.13	-.08	-.01	.03	.04	.01
SPANE7	Happy	.01	.06	-.03	-.02	.03	< .01	.01	-.05	-.03	.01	.05	.08	.06	-.04	.04	-.04	.06
SPANE10	Joyful	.07	-.02	-.07	-.02	.07	.08	.06	.06	.01	.05	.07	.10	-.08	.07	.03	.03	.03
SPANE12	Contented	-.09	.04	.09	.09	.04	< .01	-.03	.03	-.01	.03	-.04	-.05	-.04	.18	-.01	.01	-.01
SWLS1	In most ways my life is close to my ideal	< .01	< .01	.03	.08	-.01	-.03	.04	-.04	.07	.05	-.11	-.03	.09	-.11	.01	-.06	.01

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

		CN	GR	IN-E	IN-H	ID	IT	JP	MX	PH	PL	RO	RS	SI	ZA	TR	AE	US	
	SWLS2	The conditions of my life are excellent	-.05	.01	-.03	-.04	-.03	-.01	-.02	.01	-.04	-.01	< .01	-.02	.01	< .01	.06	-.05	
	SWLS3	I am satisfied with my life	.04	-.02	-.03	.01	.03	-.10	-.10	.03	-.13	-.08	.03	-.08	.07	.01	.03	-.05	-.08
	SWLS4	So far I have gotten the important things I want in life	.09	-.04	.05	-.06	.02	.01	.06	.01	-.01	< .01	.12	.07	-.17	.06	< .01	.06	.01
	SWLS5	If I could live my life over, I would change almost nothing	-.10	-.01	.01	-.15	-.09	.05	.01	-.02	-.05	.01	-.03	.03	-.06	-.02	-.05	-.09	.05
LS																			
	SWLS1	In most ways my life is close to my ideal	.94	.77	.62	.55	.85	.81	.76	.68	.73	.77	.72	.68	.89	.69	.80	.77	.82
	SWLS2	The conditions of my life are excellent	.75	.77	.96	.52	.71	.76	.71	.69	.80	.65	.68	.83	.69	.84	.72	.76	.78
	SWLS3	I am satisfied with my life	.85	.86	.86	.56	.81	.81	.71	.82	.83	.77	.88	.79	.80	.82	.83	.79	.72
	SWLS4	So far I have gotten the important things I want in life	.56	.81	.80	.32	.76	.77	.77	.64	.72	.75	.62	.75	.60	.55	.69	.66	.85
	SWLS5	If I could live my life over, I would change almost nothing	.56	.60	.64	.24	.66	.69	.47	.62	.59	.71	.46	.61	.67	.50	.76	.44	.76
	SPANE1	Positive	.03	< .01	-.01	.08	.09	< .01	.07	-.02	.02	.04	.10	.03	.02	.07	.04	-.04	.01
	SPANE3	Good	-.02	< .01	-.11	.17	-.01	-.06	-.05	.03	.02	-.04	.04	.04	.07	.06	-.04	.05	.01
	SPANE5	Pleasant	.05	-.09	.03	.06	.09	-.04	.01	.01	.03	-.08	.04	-.08	-.11	-.05	-.01	.02	-.08
	SPANE7	Happy	-.05	.02	.15	-.12	-.11	.02	-.02	.11	-.07	.09	-.01	.01	.03	.03	-.02	.03	-.03
	SPANE10	Joyful	< .01	-.03	.10	-.10	-.10	.04	-.07	-.04	-.08	.04	-.07	-.02	.06	-.10	.01	-.06	.09
	SPANE12	Contented	.14	.18	.09	.21	.27	.26	.09	-.02	.50	-.02	.14	.11	.14	.12	.02	.22	.20
	SPANE2	Negative	-.07	.03	.11	-.01	< .01	.03	-.05	.04	.04	-.13	-.03	-.03	-.02	.01	-.02	.02	-.04
	SPANE4	Bad	-.01	.03	.08	-.07	.05	.04	.04	.02	.04	< .01	.10	-.03	-.03	.05	-.04	-.03	-.02
	SPANE6	Unpleasant	-.06	.05	< .01	.05	-.09	.06	.04	.01	< .01	.02	-.07	.06	-.02	.08	-.01	.10	.06
	SPANE8	Sad	.04	-.10	-.20	.01	-.02	-.03	-.04	-.01	-.02	-.05	-.03	-.06	< .01	-.11	.03	-.15	-.08
	SPANE9	Afraid	.01	.04	-.01	-.10	-.04	.01	-.07	-.10	-.10	.17	-.05	.03	.05	-.12	-.03	.04	-.05
	SPANE11	Angry	.15	-.15	.05	.08	.08	-.18	.07	-.01	-.03	.02	.02	-.02	.01	-.01	.08	.01	.16

Note. SWLS = Satisfaction with Life Scale; SPANE = Scale of Positive and Negative Experience; LS = Life Satisfaction; PA = Positive Affect, NA = Negative Affect. CN = China; GR = Greece, IN-E = India, English sample; IN-H = India, Hindi sample; ID = Indonesia, IT = Italy; JP = Japan; MX = Mexico; PH = Philippines; PL = Poland; RO = Romania; RS = Serbia; SI = Slovenia; ZA = South Africa; TR = Turkey; AE = United Arab Emirates; US = United States of America. Loadings > .40 are bolded.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S12

Differences between Three-Factor ESEM and Three-Factor CFA Models

Country	AIC	aBIC	CFI	RMSEA	SRMR	LRT (df = 28)	LRT <i>p</i> -value
China	-4.9	12.8	.004	.006	-.014	41.8	.045
Greece	-9.3	15.1	.007	-.002	-.014	52.6	.003
India (English)	-14.9	4.7	.014	-.005	-.023	66.0	.000
India (Hindi)	-21.8	12.9	.029	-.008	-.016	68.4	.000
Indonesia	-14.6	7.3	.013	-.001	-.013	63.1	.000
Italy	-63.3	-31.1	.015	-.006	-.016	101.8	.000
Japan	-66.8	-23.2	.013	-.001	-.017	101.6	.000
Mexico	22.7	62.9	-.001	.005	-.005	26.6	.540
Philippines	-85.4	-6.9	.030	-.011	-.023	112.9	.000
Poland	17.8	3.6	.000	.006	-.016	28.9	.417
Romania	-53.6	-24.1	.026	-.007	-.021	9.8	.000
Serbia	-84.0	-43.8	.021	-.009	-.021	117.8	.000
Slovenia	-6.7	5.7	.012	-.011	-.016	55.5	.001
South Africa	-58.1	-1.2	.013	-.002	-.013	93.5	.000
Turkey	29.7	54.4	.000	.004	-.009	26.2	.560
UAE	-3.8	-1.3	.019	-.006	-.015	73.3	.000
USA	-34.8	-7.2	.012	-.003	-.020	7.4	.000

Note. AIC = Akaike Information Criterion; aBIC = Sample-Adjusted Bayesian Information Criterion; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; SRMR = Standardized Root Mean Squared Residual; LRT = Likelihood Ratio Test; df = degrees of freedom.

Fit indices of less restrictive Exploratory Structural Equation Models were subtracted from more restrictive Confirmatory Factor Analysis fit indices; thus, an improvement of fit was expected.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S13

Likelihood Ratio Test (Scaled Chi-Square Difference) of the Pooled Models

Model Comparison	LRT	df	<i>p</i> -value
Three-Factor CFA vs Fixed Bifactor-CFA	17.5	1	.000
Three-Factor CFA vs Three-Factor ESEM	569.2	28	.000
Three-Factor ESEM vs Fixed Bifactor-ESEM	12.0	1	.001
Bifactor-CFA vs Bifactor-ESEM	538.2	28	.000
Fixed Bifactor-CFA vs Fixed Bifactor-ESEM	514.0	28	.000
S-1 Bifactor-CFA vs S-1 Bifactor-ESEM	44429.9	21	.000

Note. LRT = Likelihood Ratio Test; df = degrees of freedom; CFA = Confirmatory Factor Analysis; ESEM = Exploratory Structural Equation Model.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S14

Standardized Factor Loadings from Pooled-Sample Three-Factor ESEM Model

Item	PA	NA	LS
SPANE1 (Positive)	.69	-.08	.01
SPANE3 (Good)	.69	-.03	-.01
SPANE5 (Pleasant)	.72	-.03	-.03
SPANE7 (Happy)	.82	.02	-.01
SPANE10 (Joyful)	.83	.06	-.04
SPANE12 (Contented)	.59	.01	.15
SPANE2 (Negative)	-.09	.73	.00
SPANE4 (Bad)	-.00	.78	.01
SPANE6 (Unpleasant)	-.03	.74	.01
SPANE8 (Sad)	-.02	.70	-.01
SPANE9 (Afraid)	.12	.55	-.07
SPANE11 (Angry)	.04	.55	.05
SWLS1 (In most ways my life is close to my ideal)	.02	.05	.78
SWLS2 (The conditions of my life are excellent)	.00	.01	.77
SWLS3 (I am satisfied with my life)	.04	-.01	.81
SWLS4 (So far I have gotten the important things I want in life)	-.00	.02	.74
SWLS5 (If I could live my life over, I would change almost nothing)	-.04	-.10	.61

Note. PA = Positive Affect; NA = Negative Affect; LS = Life Satisfaction; SPANE = Scale of Positive and Negative Experience; SWLS = Satisfaction with Life Scale. Loadings > .40 are bolded.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S15

Single-Country Fixed Bifactor-ESEM Model

Country	Model Fit Indices				Latent factor <i>r</i>		
	χ^2 (df = 87)	CFI	RMSEA [90% CI]	SRMR	PA-LS	NA-LS	PA-NA
China	224.29	.942	.069 [.058, .080]	.034	.39	-.38	-.23
Greece ^{a, c}	116.44	.992	.028 [.011, .040]	.021	.55	-.56	-.62
India (English)	132.75	.982	.038 [.025, .051]	.029	.34	-.32	-.50
India (Hindi)	130.51	.969	.029 [.018, .038]	.033	.26	-.30	-.17
Indonesia	171.59	.968	.050 [.039, .061]	.031	.65	-.44	-.56
Italy	146.95	.987	.035 [.025, .045]	.019	.62	-.51	-.59
Japan	275.54	.967	.051 [.044, .058]	.027	.43	-.45	-.52
Mexico	154.74	.974	.032 [.024, .041]	.026	.42	-.34	-.45
Philippines ^c	163.18	.974	.045 [.035, .056]	.027	.54	-.53	-.49
Poland	125.72	.978	.040 [.023, .055]	.032	.54	-.27	-.38
Romania	173.22	.965	.044 [.035, .054]	.029	.52	-.47	-.57
Serbia ^a	153.28	.985	.032 [.023, .040]	.023	.51	-.41	-.62
Slovenia ^b	121.27	.985	.037 [.019, .052]	.024	.61	-.59	-.68
South Africa	233.49	.971	.041 [.035, .048]	.024	.54	-.50	-.57
Turkey	132.61	.980	.035 [.022, .047]	.031	.20	-.18	-.54
UAE	167.99	.967	.043 [.033, .053]	.026	.45	-.40	-.55
USA ^c	187.99	.973	.050 [.040, .059]	.030	.53	-.47	-.51

Note. df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = Confidence Interval; SRMR = Standardized Root Mean Squared Residual; *r* = correlation; PA = Positive Affect; LS = Life Satisfaction; NA = Negative Affect.

The p-value of a chi-square test was significant at the .05 level in every model.

^a In Greece and Serbia, the residuals of SPANE items 2 and 7 were fixed at .001, respectively, because otherwise they were estimated to be negative.

^b Variance of the general/method factor was fixed to .001 because otherwise it was estimated to be negative.

^c Countries that demonstrated label switching, that is, the key loadings of PA and NA factors were estimated negative, reversing the meaning of the factors (e.g., PA factor in the USA, see Table S16). We switched the signs of the corresponding correlations so that they reflect association with non-inverted factors.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S16

Standardized Loadings of the Fixed Bifactor-ESEM Model Fitted in Each Sample

		CN	GR	IN-E	IN-H	ID	IT	JP	MX	PH	PL	RO	RS	SI	ZA	TR	AE	US
PA																		
SPAN1	Positive	.54	.29	.46	.32	.25	.65	.63	.55	.50	.60	.30	.48	.78	.50	.12	.36	-.45
SPAN3	Good	.49	.41	.45	.23	.06	.13	.68	.09	.45	.61	.36	.17	.70	.17	.16	.42	-.43
SPAN5	Pleasant	.55	.55	.42	.28	.51	.53	.63	.10	.49	.73	.08	.36	.80	.24	.57	.66	-.48
SPAN7	Happy	.65	.49	.22	.59	.91	.63	.68	.46	.66	.70	.92	1.13	.79	.52	.56	.53	-.47
SPAN10	Joyful	.58	.45	.21	.52	.75	.43	.72	.43	.70	.81	.73	.62	.68	.46	.55	.55	-.32
SPAN12	Contented	.49	.38	.22	.24	.29	.38	.59	.46	.18	.70	.35	.33	.67	.08	.31	.50	-.29
SPAN2	Negative	-.43	< .01	-.26	.01	-.24	-.60	-.54	-.47	-.49	-.33	-.10	-.35	-.14	-.43	-.16	-.23	.39
SPAN4	Bad	-.47	-.55	-.51	-.06	-.12	.11	-.36	-.05	-.62	-.45	-.21	-.30	.12	.08	-.35	-.37	.48
SPAN6	Unpleasant	-.49	-.53	-.55	-.06	-.24	-.30	-.15	-.08	-.66	-.45	-.19	-.17	.10	-.19	-.68	-.68	.53
SPAN8	Sad	-.43	-.47	.03	-.18	-.37	-.50	-.21	-.46	-.20	-.38	-.30	-.27	-.14	-.49	-.38	-.08	.29
SPAN9	Afraid	-.21	-.42	.03	.03	-.30	-.40	-.32	-.27	-.04	-.06	.15	-.14	-.17	-.29	-.03	-.07	.28
SPAN11	Angry	-.39	-.41	.15	-.15	-.14	-.16	-.04	-.41	-.23	-.09	.05	-.04	-.17	-.46	-.19	-.13	.29
SWLS1	In most ways my life is close to my ideal	.05	.02	.26	-.08	-.08	-.01	-.06	.01	-.05	-.04	-.13	-.05	.02	.07	-.02	-.10	.20
SWLS2	The conditions of my life are excellent	.17	< .01	.11	< .01	.07	-.02	.02	-.07	-.07	< .01	-.04	-.07	-.09	-.08	-.17	.06	.32
SWLS3	I am satisfied with my life So far I have gotten the	.18	-.04	.17	.06	.01	.04	-.12	-.05	-.02	-.09	-.05	-.02	.19	.01	.05	.08	-.13
SWLS4	important things I want in life	-.14	-.18	.01	.08	-.03	-.03	-.21	-.06	-.06	-.14	.13	-.03	-.17	.02	< .01	.02	-.18
SWLS5	If I could live my life over, I would change almost nothing	-.67	.01	.12	-.32	.01	-.05	-.12	.08	-.02	-.09	.12	.03	.04	-.03	-.07	-.10	< .01
NA																		
SPAN2	Negative	.31	-.94	.51	.48	.39	.23	-.08	.24	-.28	.03	.61	.41	.72	.29	.61	.52	.33
SPAN4	Bad	.36	-.29	.23	.58	.53	.85	.22	.59	.02	.02	.61	.39	.96	.79	.45	.17	.28
SPAN6	Unpleasant	.32	-.32	.16	.44	.24	.48	.58	.52	.17	.07	.42	.51	.76	.54	.08	-.02	.25
SPAN8	Sad	.29	-.20	.62	.34	.22	.19	.28	.11	-.52	.12	.37	.31	.58	.09	.30	.42	.34
SPAN9	Afraid	.28	-.01	.48	.44	.13	.10	-.13	-.07	-.40	.73	.42	.26	.32	.09	.23	.28	.24
SPAN11	Angry	.17	.11	.52	.34	.27	.25	.57	.05	-.16	.33	.45	.36	.28	.08	.24	.25	.29
SPAN1	Positive	-.26	.52	-.22	.01	-.37	-.17	< .01	-.03	.37	-.19	-.38	-.30	-.08	-.16	-.61	-.51	-.35
SPAN3	Good	-.25	.32	-.21	-.16	-.69	-.66	-.13	-.39	.27	-.23	-.41	-.43	-.03	-.42	-.50	-.19	-.32
SPAN5	Pleasant	-.29	.29	-.13	-.05	-.09	-.25	-.13	-.44	.19	-.15	-.23	-.47	-.08	-.38	-.14	.01	-.28
SPAN7	Happy	-.28	.22	-.34	-.06	.05	-.09	-.14	-.12	.18	-.07	.16	.32	.06	-.14	-.17	-.23	-.37
SPAN10	Joyful	-.25	.21	-.36	-.13	-.07	-.21	-.10	-.19	.05	.09	.01	-.12	-.08	-.24	-.05	-.11	-.36
SPAN12	Contented	-.15	.19	-.12	.01	-.09	-.12	-.06	-.18	.05	.04	-.13	-.34	-.04	-.14	-.33	.01	-.05
SWLS1	In most ways my life is close to my ideal	.24	-.02	.10	.05	-.02	-.02	.05	.02	.09	.10	-.14	-.08	.09	< .01	.01	-.11	-.14

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

		CN	GR	IN-E	IN-H	ID	IT	JP	MX	PH	PL	RO	RS	SI	ZA	TR	AE	US
SWLS2	The conditions of my life are excellent	.16	-.10	.09	-.07	-.06	.06	.04	-.03	.05	.14	-.02	.14	-.02	.05	-.12	.08	-.32
SWLS3	I am satisfied with my life	.23	-.01	.07	.04	.03	-.06	-.24	.02	-.04	-.22	.03	-.10	.07	.10	.10	.03	-.01
SWLS4	So far I have gotten the important things I want in life	-.07	.04	.04	-.10	.01	< .01	-.20	-.04	.03	-.29	.13	.01	-.17	.05	.03	.04	.44
SWLS5	If I could live my life over, I would change almost nothing	-.64	.01	.02	-.45	.04	-.02	-.08	.16	.14	< .01	< .01	.01	-.06	-.07	-.04	-.14	.07
LS																		
SWLS1	In most ways my life is close to my ideal	.93	.82	.65	.49	.86	.83	.72	.67	.72	.70	.68	.68	.89	.68	.78	.76	.84
SWLS2	The conditions of my life are excellent	.75	.79	.84	.45	.73	.76	.70	.69	.81	.62	.66	.81	.69	.85	.69	.76	.83
SWLS3	I am satisfied with my life	.87	.89	.80	.56	.81	.84	.65	.81	.89	.72	.86	.80	.80	.84	.81	.80	.75
SWLS4	So far I have gotten the important things I want in life	.58	.81	.76	.28	.77	.79	.66	.64	.73	.68	.61	.74	.60	.59	.66	.66	.93
SWLS5	If I could live my life over, I would change almost nothing	.70	.64	.64	.04	.67	.70	.41	.61	.59	.66	.47	.61	.67	.54	.73	.42	.76
SPANE1	Positive	.10	.12	.24	.11	.13	.09	.07	.03	.05	-.01	.06	.04	.02	.17	.03	-.02	.11
SPANE3	Good	.04	.11	.18	.07	.01	-.01	-.10	.06	.04	-.08	< .01	.04	.07	.16	-.05	.09	.10
SPANE5	Pleasant	.13	.04	.25	.06	.14	.06	-.03	.07	.07	-.14	-.01	-.08	-.11	.10	< .01	.08	.03
SPANE7	Happy	.04	.17	.35	-.06	-.10	.12	-.08	.18	.03	.03	.02	-.03	.03	.17	< .01	.10	.09
SPANE10	Joyful	.08	.08	.28	-.10	-.04	.13	-.14	.06	.04	-.02	-.02	< .01	.06	.11	.01	< .01	.17
SPANE12	Contented	.20	.30	.24	.19	.30	.33	.07	.08	.54	-.06	.14	.12	.14	.22	.03	.27	.24
SPANE2	Negative	-.19	-.05	.19	.01	-.12	-.09	-.39	-.03	-.12	-.45	-.08	-.16	-.02	-.02	-.10	-.04	-.19
SPANE4	Bad	-.15	-.10	.21	-.03	-.09	-.07	-.24	-.04	-.20	-.35	.02	-.14	-.03	-.01	-.12	-.10	-.17
SPANE6	Unpleasant	-.19	-.07	.14	.02	-.21	-.07	-.10	-.05	-.26	-.29	-.14	-.06	-.02	.04	-.11	.01	-.11
SPANE8	Sad	-.08	-.23	-.03	-.10	-.14	-.15	-.24	-.06	-.07	-.35	-.12	-.19	< .01	-.14	-.06	-.20	-.21
SPANE9	Afraid	-.08	-.04	.06	-.10	-.13	-.07	-.32	-.13	-.13	.06	-.06	-.07	.05	-.14	-.07	.01	-.16
SPANE11	Angry	.06	-.24	.13	-.01	-.01	-.26	-.03	-.06	-.11	-.22	-.02	-.12	.01	-.02	.03	-.04	.04

Note. SWLS = Satisfaction with Life Scale; SPANE = Scale of Positive and Negative Experience; LS = Life Satisfaction; PA = Positive Affect, NA = Negative Affect; G = General (Common) Factor. CN = China; GR = Greece, IN-E = India, English sample; IN-H = India, Hindi sample; ID = Indonesia, IT = Italy; JP = Japan; MX = Mexico; PH = Philippines; PL = Poland; RO = Romania; RS = Serbia; SI = Slovenia; ZA = South Africa; TR = Turkey; AE = United Arab Emirates; US = United States of America.

Loadings > .40 are bolded. Unstandardized loadings on the general factor were fixed to 1.

SUBJECTIVE WELL-BEING STRUCTURE ACROSS COUNTRIES

Table S17

Differences between Fixed Bifactor-ESEM and Three-Factor ESEM Models

Country	AIC	aBIC	CFI	RMSEA	SRMR	LRT (df = 1)	LRT <i>p</i> -value
China	-29.4	-28.8	.011	-.006	< .001	32.3	< .001
Greece	-43.8	-43.8	.010	-.014	< .001	Nn	-
India (English)	-42.5	-41.8	.006	-.006	.004	2.8	.097
India (Hindi)	-5.0	-3.7	-.001	.001	.006	1.1	.284
Indonesia	-36.5	-35.8	.011	-.008	.001	12.0	.001
Italy	-98.0	-96.9	.015	-.016	-.003	9.7	.002
Japan	-122.2	-120.7	.013	-.009	.001	13.1	< .001
Mexico	-77.8	-76.4	.023	-.012	-.004	14.5	< .001
Philippines	-44.5	-43.6	.008	-.006	.001	4.4	.035
Poland	-69.5	-69.1	.028	-.019	-.002	10.2	.001
Romania	-25.7	-24.6	.003	-.002	.002	3.2	.074
Serbia	-55.4	-55.4	.010	-.009	.002	Nn	-
Slovenia	0.1	0.1	-.001	< .001	< .001	Nn	-
South Africa	-65.6	-63.9	.008	-.005	-.001	7.8	.005
Turkey	-53.1	-52.2	.012	-.009	.003	3.8	.052
UAE	-31.6	-30.6	-.001	.001	-.001	1.7	.187
USA	-25.3	-24.3	.002	-.001	.007	3.0	.081

Note. AIC = Akaike Information Criterion; aBIC = Sample-Adjusted Bayesian Information Criterion; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; SRMR = Standardized Root Mean Squared Residual; LRT = Likelihood Ratio Test; df = degrees of freedom; Nn = models are non-nested; therefore, comparison of chi-squares is not available.

Fit indices of less restrictive bifactor model were subtracted from more restrictive non-bifactor model fit indices, thus an improvement of fit was expected.

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Table S18

Parameters from the Three-Factor ESEM Alignment Model

Parameter	CN	GR	IN-E	IN-H	ID	IT	JP	MX	PH	PL	RO	RS	SI	ZA	TR	AE	US	<i>sd</i>
Intercepts																		
SPANE1 (Positive)	.14	.12	.25	-.10	.16	.23	.15	.04	.11	.23	.16	.12	.13	.18	.06	.17	.18	.08
SPANE3 (Good)	.02	.10	.03	.23	.18	.08	.06	-.01	.03	-.09	.16	.13	.09	.11	.09	.09	.08	.07
SPANE5 (Pleasant)	.18	.23	.04	.05	.13	.15	.15	.23	.03	.00	.03	.09	.19	.02	.15	.01	.12	.08
SPANE7 (Happy)	.13	-.03	.11	.09	.12	.09	.03	.03	.17	.22	.16	.12	-.08	.26	.08	.18	.20	.09
SPANE10 (Joyful)	.10	.14	.19	.21	.05	-.04	.15	.19	.19	.16	.20	.12	-.36	.10	.17	-.02	-.06	.14
SPANE12 (Contented)	.07	.09	-.06	.05	-.22	-.01	.19	.28	.42	.16	.26	.16	.25	-.12	.12	.15	-.06	.16
SPANE2 (Negative)	-.15	-.15	-.23	-.24	-.12	-.14	-.19	-.13	-.13	-.39	-.12	-.07	-.10	-.19	-.14	-.22	-.11	.07
SPANE4 (Bad)	-.17	-.10	-.14	-.16	-.23	-.27	.03	-.30	-.24	-.08	-.19	-.20	-.17	-.05	-.36	-.11	-.15	.09
SPANE6 (Unpleasant)	-.08	-.11	-.12	-.05	-.04	-.12	-.08	-.34	-.30	-.10	-.20	-.16	-.10	-.13	-.16	-.17	-.18	.08
SPANE8 (Sad)	-.27	-.23	-.16	-.17	-.20	-.06	-.44	-.05	.08	-.22	-.17	-.17	-.28	-.08	-.05	-.12	-.07	.12
SPANE9 (Afraid)	.42	-.39	-.05	-.13	-.08	-.34	.25	-.14	.17	.01	-.08	-.46	-.36	-.06	-.32	-.03	-.30	.24
SPANE11 (Angry)	-.45	.03	.09	-.04	-.20	.03	-.41	.21	-.16	-.07	.26	.06	-.37	-.26	.23	.00	-.38	.23
SWLS1	.40	.29	.30	.40	.35	.23	.15	.32	.16	.05	.07	-.18	.19	.54	.41	.19	.31	.17
SWLS2	.48	.32	.34	.19	.47	.00	.42	.21	.23	-.06	.32	.25	.54	.16	-.25	.42	.26	.21
SWLS3	.24	.28	.13	.28	.05	.24	.53	.21	.25	.17	.27	.24	.28	.26	.38	.29	.19	.10
SWLS4	-.36	.12	.31	.19	.35	.30	.18	.24	.24	.29	.50	.31	.18	.28	.15	.20	.36	.18
SWLS5	-.07	.34	.26	-.30	.16	.42	.17	.39	.36	.39	.27	.32	.25	.22	.20	-.12	.26	.20
Loadings of PA by																		
SPANE1 (Positive)	.62	.65	.77	.54	.54	.69	.60	.65	.66	.64	.43	.67	.66	.62	.61	.64	.66	.07
SPANE3 (Good)	.59	.59	.82	.56	.55	.56	.74	.56	.64	.63	.57	.46	.58	.56	.58	.61	.64	.08
SPANE5 (Pleasant)	.65	.70	.67	.52	.66	.72	.68	.63	.63	.70	.25	.62	.67	.71	.76	.72	.64	.11
SPANE7 (Happy)	.77	.79	.61	.90	.88	.70	.72	.69	.79	.70	.83	.77	.68	.72	.77	.72	.80	.07
SPANE10 (Joyful)	.80	.57	.59	.86	.94	.68	.70	.84	.74	.72	.79	.79	.70	.92	.62	.69	.70	.11

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Parameter	CN	GR	IN-E	IN-H	ID	IT	JP	MX	PH	PL	RO	RS	SI	ZA	TR	AE	US	<i>sd</i>
SPANE12 (Contented)	.53	.56	.42	.44	.49	.50	.61	.79	.28	.60	.44	.56	.58	.46	.60	.49	.33	<i>.12</i>
SPANE2 (Negative)	< .01	-.13	-.11	.05	-.06	-.20	-.07	-.16	-.08	.04	-.05	-.12	-.12	-.07	-.07	-.10	-.04	<i>.07</i>
SPANE4 (Bad)	-.02	.03	-.05	-.08	.01	.07	-.02	.03	-.02	-.02	-.07	-.11	.10	-.02	-.01	-.02	-.05	<i>.05</i>
SPANE6 (Unpleasant)	-.02	.01	-.04	.01	.03	< .01	-.01	.02	-.04	-.07	-.08	-.01	.09	-.04	-.06	-.22	-.07	<i>.07</i>
SPANE8 (Sad)	-.09	-.02	.12	-.03	-.05	-.04	.04	.03	< .01	-.03	-.13	-.01	-.13	.01	.06	.12	.09	<i>.07</i>
SPANE9 (Afraid)	.13	.07	.01	.13	.04	-.07	.04	.08	.14	-.04	.19	.08	-.14	.04	.06	.09	.10	<i>.08</i>
SPANE11 (Angry)	-.11	.02	.08	-.05	.02	.16	.04	.03	-.01	.11	.16	.13	-.14	.02	.04	.06	-.03	<i>.08</i>
SWLS1	-.04	.07	.18	-.06	-.03	.03	-.01	< .01	.13	< .01	-.08	.03	.02	< .01	.02	-.03	.01	<i>.07</i>
SWLS2	.05	< .01	-.07	.05	.14	-.04	.04	.02	.02	-.01	-.01	-.15	-.07	-.05	-.02	.07	.02	<i>.07</i>
SWLS3	.10	.02	.02	.10	.05	.05	.02	.02	-.03	.02	-.03	.04	.16	.01	.03	.05	.12	<i>.05</i>
SWLS4	.05	-.08	-.02	.17	.03	.04	-.01	.04	.02	.03	.12	.04	-.15	.11	.01	.06	-.07	<i>.08</i>
SWLS5	-.12	.06	.09	-.10	-.06	.05	-.03	-.04	.09	-.01	.12	.07	.04	.08	-.04	-.04	.03	<i>.07</i>
Loadings of NA by																		
SPANE2 (Negative)	.67	.64	.75	.61	.59	.64	.65	.68	.75	.66	.65	.72	.66	.66	.65	.68	.67	<i>.04</i>
SPANE4 (Bad)	.70	.76	.66	.77	.71	.69	.70	.71	.72	.71	.74	.59	.88	.62	.76	.59	.64	<i>.07</i>
SPANE6 (Unpleasant)	.72	.77	.61	.65	.63	.74	.69	.62	.65	.69	.56	.64	.72	.69	.69	.48	.66	<i>.07</i>
SPANE8 (Sad)	.61	.62	.71	.55	.69	.65	.64	.71	.60	.69	.60	.62	.56	.60	.72	.71	.71	<i>.06</i>
SPANE9 (Afraid)	.57	.45	.47	.64	.61	.43	.40	.31	.50	.44	.47	.45	.28	.47	.31	.53	.59	<i>.10</i>
SPANE11 (Angry)	.43	.34	.50	.51	.55	.56	.60	.57	.43	.57	.61	.59	.25	.58	.46	.53	.50	<i>.10</i>
SPANE1 (Positive)	-.02	-.06	-.06	.01	-.04	-.11	-.02	-.07	-.13	-.06	-.09	-.05	-.07	-.13	-.09	-.20	-.09	<i>.05</i>
SPANE3 (Good)	-.02	-.07	.02	.02	-.10	-.09	.00	-.04	.03	-.07	-.17	-.13	-.03	-.10	-.04	-.01	-.04	<i>.06</i>
SPANE5 (Pleasant)	-.10	-.01	.03	-.01	-.10	.02	-.03	.02	.04	.00	-.03	-.12	-.07	-.01	.03	.05	.01	<i>.05</i>
SPANE7 (Happy)	.00	.06	-.03	-.02	.03	.00	.01	-.05	-.03	.01	.05	.08	.05	-.05	.04	-.05	.05	<i>.04</i>
SPANE10 (Joyful)	.07	-.02	-.08	-.03	.07	.07	.04	.05	.01	.05	.06	.09	-.09	.07	.02	.04	.03	<i>.05</i>
SPANE12 (Contented)	-.09	.03	.09	.10	.04	.00	-.03	.03	-.02	.03	-.03	-.04	-.04	.18	-.01	.01	-.01	<i>.06</i>
SWLS1	.00	.00	.03	.08	-.01	-.03	.03	-.04	.07	.03	-.09	-.03	.08	-.12	.01	-.07	.01	<i>.06</i>

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Parameter	CN	GR	IN-E	IN-H	ID	IT	JP	MX	PH	PL	RO	RS	SI	ZA	TR	AE	US	<i>sd</i>
SWLS2	-0.03	.01	-.03	-.05	-.03	-.01	-.01	.01	-.03	-.01	-.01	.00	-.02	.02	.00	.07	-.04	.03
SWLS3	.04	-.01	-.04	.02	.03	-.09	-.08	.03	-.12	-.05	.03	-.07	.06	.02	.03	-.06	-.07	.06
SWLS4	.08	-.04	.06	-.06	.02	.01	.04	.01	-.01	.00	.11	.06	-.16	.07	.00	.07	.01	.06
SWLS5	-.08	-.01	.01	-.15	-.10	.04	.01	-.02	-.04	.00	-.03	.03	-.06	-.02	-.04	-.10	.04	.05
Loadings of LS by																		
SWLS1	.77	.58	.44	.60	.68	.60	.62	.55	.58	.58	.58	.55	.72	.52	.64	.61	.61	.08
SWLS2	.53	.56	.69	.58	.52	.58	.58	.58	.59	.51	.55	.69	.51	.72	.55	.61	.55	.06
SWLS3	.69	.61	.66	.61	.62	.59	.62	.64	.67	.63	.74	.58	.63	.69	.66	.67	.51	.05
SWLS4	.50	.62	.56	.35	.57	.58	.60	.54	.54	.58	.54	.58	.51	.48	.50	.52	.59	.06
SWLS5	.43	.50	.41	.25	.49	.49	.39	.56	.44	.53	.46	.52	.58	.43	.55	.34	.55	.09
SPANE1 (Positive)	.02	< .01	< .01	.11	.06	< .01	.06	-.02	.02	.06	.08	.02	.02	.06	.03	-.04	.01	.04
SPANE2 (Negative)	-.06	.02	.07	-.01	< .01	.03	-.05	.04	.03	-.15	-.02	-.02	-.02	.01	-.02	.02	-.03	.05
SPANE3 (Good)	-.01	< .01	-.08	.21	-.01	-.04	-.04	.03	.02	-.05	.04	.04	.05	.04	-.03	.04	.01	.06
SPANE4 (Bad)	-.01	.02	.05	-.08	.03	.03	.03	.02	.03	< .01	.09	-.02	-.02	.03	-.03	-.02	-.01	.04
SPANE5 (Pleasant)	.04	-.07	.02	.08	.07	-.03	.01	.01	.02	-.10	.04	-.06	-.09	-.04	< .01	.02	-.05	.05
SPANE6 (Unpleasant)	-.05	.04	< .01	.06	-.06	.04	.04	.01	< .01	.03	-.06	.05	-.02	.06	-.01	.07	.04	.04
SPANE7 (Happy)	-.04	.02	.10	-.13	-.07	.02	-.02	.10	-.06	.13	-.01	.01	.02	.03	-.01	.03	-.02	.07
SPANE8 (Sad)	.03	-.09	-.12	.01	-.01	-.02	-.04	-.01	-.02	-.06	-.03	-.05	< .01	-.08	.02	-.11	-.06	.05
SPANE9 (Afraid)	.01	.03	-.01	-.11	-.03	.01	-.06	-.09	-.07	.20	-.05	.02	.04	-.10	-.02	.04	-.03	.07
SPANE10 (Joyful)	< .01	-.03	.07	-.12	-.07	.03	-.05	-.03	-.06	.06	-.07	-.01	.06	-.08	.01	-.05	.06	.06
SPANE11 (Angry)	.15	-.14	.03	.08	.06	-.12	.06	-.01	-.02	.03	.02	-.02	.01	-.01	.07	.01	.10	.07
SPANE12 (Contented)	.14	.15	.05	.26	.20	.19	.08	-.02	.43	-.02	.13	.08	.12	.09	.02	.16	.14	.11

Note. SWLS = Satisfaction with Life Scale; SPANE = Scale of Positive and Negative Experience; LS = Life Satisfaction; PA = Positive Affect, NA = Negative Affect. CN = China; GR = Greece, IN-E = India, English sample; IN-H = India, Hindi sample; IDS = Indonesia, IT = Italy; JP = Japan; MX = Mexico; PH = Philippines; PL = Poland; RO = Romania; RS = Serbia; SI = Slovenia; ZA = South Africa; TR = Turkey; AE = United Arab Emirates; US = United States of America. *sd* = standard deviation. Loadings > .40 are bolded.

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Table S19

Fit of the Multiple-Group CFA Models without Group Constraints (Configural) and the Summary of the Alignment

Model	χ^2	df	CFI	RMSEA [90% CI]	SRMR	aBIC	% non-invariant
Three-Factor CFA	4530.8	1972	.952	.050 [.048, .052]	.042	346535.2	17%/578
Bifactor-CFA	No convergence						
Fixed Bifactor-CFA	4441.2	1955	.953	.049 [.047, .051]	.040	346509.0	N/A
S-1 Bifactor-CFA Omitting Positive Affect	4144.5	1819	.956	.050 [.048, .052]	.036	393321.3	17%/765
Three-Factor ESEM	3342.1	1496	.965	.049 [.046, .051]	.026	342465.5	7%/1156

Note. CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = Confidence Interval; SRMR = Standardized Root Mean Squared Residual; aBIC = Sample-Adjusted Bayesian Information Criterion; % non-invariant = percentage of non-invariant parameters after alignment / total number of parameters in the model.

N/A – alignment was not available for this model because it does not permit fixed factor loadings.

The p-value of a chi-square test was significant at the .05 level in every model.

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Table S20

Measurement Invariance Test of the Three-Factor CFA Model

Model	χ^2	df	CFI	RMSEA [90% CI]	SRMR	aBIC
Configural	4530.8	1972	.952	.050 [.048, .052]	.042	346535.2
Metric	5393.9	2196	.940	.053 [.051, .055]	.055	346181.8
Partial Metric (free λ_{SPANES} , λ_{SWLS5})	5199.0	2164	.943	.052 [.050, .054]	.051	346150.6
Scalar	10217.6	2420	.853	.079 [.077, .080]	.079	350455.0
Model Comparisons						
Configural vs. Metric	863.1	224	-.012	.003	.013	-353.4
Configural vs. Partial Metric	668.2	192	-.009	.002	.009	-384.6
Metric vs. Scalar	4823.7	224	-.087	.026	.024	4273.2

Note. df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = confidence interval; SRMR = Standardized Root Mean Squared Residual; aBIC = Sample-Adjusted Bayesian Information Criterion; λ = loading.

The p-value of a chi-square test was significant at the .05 level in every model

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Table S21

Measurement Invariance Test of the Fixed Bifactor-CFA

Model	χ^2	df	CFI	RMSEA [90% CI]	SRMR	aBIC
Configural	4441.2	1955	.953	.049 [.047, .051]	.040	346509.0
Metric	5305.3	2179	.941	.052 [.051, .054]	.054	346179.2
Partial Metric (free λ_{SPANES} , λ_{SWLS5})	5118.2	2147	.944	.052 [.050, .053]	.051	346157.4
Scalar	9606.3	2387	.864	.076 [.075, .078]	.079	349895.1
Model Comparisons						
Configural vs. Metric	864.1	224	-.012	.003	.014	-329.8
Configural vs. Partial Metric	677.1	192	-.009	.003	.011	-351.6
Metric vs. Scalar	4301.0	208	-.077	.024	.025	3715.9

Note. df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = confidence interval; SRMR = Standardized Root Mean Squared Residual; aBIC = Sample-Adjusted Bayesian Information Criterion; λ = loading.

The p-value of a chi-square test was significant at the .05 level in every model.

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Table S22

Measurement Invariance Test of the S-1 Bifactor-CFA Model Omitting Positive Affect Factor

Model	χ^2	df	CFI	RMSEA [90% CI]	SRMR	aBIC
Configural	4241.8	1836	.955	.050 [.048, .052]	.041	393340.4
Metric	5887.5	2236	.931	.056 [.054, .058]	.100	392893.3
Partial Metric (free λ of NA and LS)	5502.7	2092	.936	.056 [.054, .058]	.096	393288.4
Scalar	10636.9	2460	.846	.080 [.078, .081]	.114	397079.0
Model Comparisons						
Configural vs. Metric	1645.7	400	-.024	.006	.059	-447.1
Configural vs. Partial Metric	1260.9	256	-.019	.006	.055	-52.0
Metric vs. Scalar	4749.4	224	-.085	.024	.014	4185.7

Note. df = degrees of freedom; CFI = Comparative Fit Index; RMSEA = Root Mean Square Error of Approximation; CI = confidence interval; SRMR = Standardized Root Mean Squared Residual; aBIC = Sample-Adjusted Bayesian Information Criterion; λ = loading.

The p-value of a chi-square test was significant at the .05 level in every model.

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Table S23

Alignment of the Three-Factor CFA Model

Indicator	Intercepts			Loadings		
	Aligned Parameter	R ²	N non-invariant	Aligned Parameter	R ²	N non-invariant
SPANE1 (Positive)	.12	.82	5	.66	.82	1
SPANE3 (Good)	.12	.92		.61	.79	1
SPANE5 (Pleasant)	.13	.89	2	.63	.60	1
SPANE7 (Happy)	.08	.90	6	.71	.87	
SPANE10 (Joyful)	.18	.72	6	.68	.40	2
SPANE12 (Contented)	.04	.67	9	.61	.39	3
SPANE2 (Negative)	-.17	.94		.71	.70	1
SPANE4 (Bad)	-.18	.93	3	.69	.76	1
SPANE6 (Unpleasant)	-.19	.96		.66	.89	
SPANE8 (Sad)	-.13	.84	5	.66	.85	
SPANE9 (Afraid)	-.12	.46	9	.39	.05	4
SPANE11 (Angry)	-.04	.34	7	.49	.38	
SWLS1 (In most ways my life is close to my ideal)	.17	.84	5	.60	.90	1
SWLS2 (The conditions of my life are excellent)	.13	.80	9	.59	.82	2
SWLS3 (I am satisfied with my life)	.22	.90	4	.68	.91	
SWLS4 (So far I have gotten the important things I want in life)	.20	.81	4	.56	.90	
SWLS5 (If I could live my life over, I would change almost nothing)	.23	.69	4	.52	.59	3

Note. SWLS = Satisfaction with Life Scale; SPANE = Scale of Positive and Negative Experience; LS = Life Satisfaction; PA = Positive Affect, NA = Negative Affect. N non-invariant = number of countries in which the parameter was not invariant; R² = measure of invariance of the current parameter. A total of 17% of the parameters were non-invariant. Model fit indices: Comparative Fit Index = .952, Root Mean Square Error of Approximation = .050, Standardized Root Mean Squared Residual = .042.