

Online Supplement

Document components

1. Summary statistics of demographic variables, childhood variables, and outcome variables by wave or attrition status (Tables S1-4).
2. Supplemental meta-analytic results (Tables S5-8).
3. Country-specific results—contains 9 tables per country (S9a-31i).
 - a. Weighted summary statistics of demographic and childhood variables at Waves 1 & 2
 - b. Weighted summary statistics of outcome variables at Waves 1 & 2
 - c. Unweighted summary statistics of demographic and childhood variables at Wave 1 by retention status
 - d. Unweighted summary statistics of all outcomes at Wave 1 by retention status
 - e. Summary of fitted attrition model
 - f. Summary of principal components
 - g. Outcome-wide results using multiple imputation results (Model 1 & Model 2)
 - h. Outcome-wide results using attrition weights (Model 1 & Model 2)
 - i. Sensitivity of results to unmeasured confounding (E-values)
4. Summary table of demographic and childhood variables (Table S32) and summary of outcomes across countries and Waves for easier comparison (Table S33).
5. Summary table of country-specific results combined into a single summary table for the results from Model 1 (Table S34) and Model 2 (Table S35).
6. Forest plots illustrating the heterogeneity in associations across countries (Figures S1-78)

Table S1. Weighted summary statistics for demographic and childhood variables.

Characteristic	Wave 1 N = 207,919	Wave 2 N = 128,868
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	4,047 (1.9%)	3,445 (2.7%)
1943-1953 (current age: 70-79 years)	16,902 (8.1%)	12,683 (9.8%)
1953-1963 (current age: 60-69 years)	29,031 (14.0%)	19,537 (15.2%)
1963-1973 (current age: 50-59 years)	32,409 (15.6%)	20,496 (15.9%)
1973-1983 (current age: 40-49 years)	34,970 (16.8%)	21,996 (17.1%)
1983-1993 (current age: 30-39 years)	40,297 (19.4%)	24,641 (19.1%)
1993-1998 (current age: 25-29 years)	20,325 (9.8%)	12,308 (9.6%)
1998-2005 (current age: 18-24 years)	29,920 (14.4%)	13,760 (10.7%)
(Missing)	18 (<0.0%)	1 (<0.0%)
<i>Age of participant</i>		
Mean	44.8	47.0
Standard Deviation	17.5	17.5
Min, Max	18.0, 99.0	18.0, 99.0
(Missing)	18 (<0.1%)	1 (<0.1%)
<i>Gender, n (%)</i>		
Male	100,661 (48.4%)	62,162 (48.2%)
Female	106,349 (51.1%)	66,140 (51.3%)
Other	523 (0.3%)	370 (0.3%)
(Missing)	386 (0.2%)	197 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	53,367 (25.7%)	30,382 (23.6%)
Married	110,663 (53.2%)	70,925 (55.0%)
Separated	5,094 (2.4%)	3,171 (2.5%)
Divorced	11,940 (5.7%)	8,112 (6.3%)
Widowed	9,935 (4.8%)	6,475 (5.0%)
Domestic partner	15,112 (7.3%)	8,919 (6.9%)
(Missing)	1,808 (0.9%)	883 (0.7%)
<i>Education (years), n (%)</i>		
Up to 8	46,842 (22.5%)	22,656 (17.6%)
9-15	116,015 (55.8%)	72,945 (56.6%)
16+	44,904 (21.6%)	33,257 (25.8%)
(Missing)	158 (0.1%)	11 (<0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	81,157 (39.0%)	54,273 (42.1%)
Self-employed	36,901 (17.7%)	21,051 (16.3%)
Retired	30,456 (14.6%)	21,672 (16.8%)
Student	11,505 (5.5%)	5,026 (3.9%)
Homemaker	21,897 (10.5%)	11,073 (8.6%)
Unemployed and looking for a job	16,673 (8.0%)	8,871 (6.9%)
None of these/Other	8,534 (4.1%)	5,933 (4.6%)
(Missing)	796 (0.4%)	970 (0.8%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	26,507 (12.7%)	14,616 (11.3%)
Once a week	39,833 (19.2%)	21,977 (17.1%)
One to three times a month	20,084 (9.7%)	11,278 (8.8%)
A few times a year	42,064 (20.2%)	26,286 (20.4%)
Never	78,707 (37.9%)	54,127 (42.0%)
(Missing)	723 (0.3%)	584 (0.5%)
<i>Immigration status, n (%)</i>		
Born in this country	196,161 (94.3%)	121,268 (94.1%)

Table S1. Weighted summary statistics for demographic and childhood variables.

Characteristic	Wave 1 N = 207,919	Wave 2 N = 128,868
Born in another country	9,687 (4.7%)	6,448 (5.0%)
(Missing)	2,072 (1.0%)	1,153 (0.9%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	157,017 (75.5%)	99,325 (77.1%)
Parents were divorced	17,862 (8.6%)	11,800 (9.2%)
Parents were never married	15,193 (7.3%)	8,526 (6.6%)
One or both of them had died	7,933 (3.8%)	4,730 (3.7%)
Unsure	2,556 (1.2%)	1,269 (1.0%)
(Missing)	7,359 (3.5%)	3,218 (2.5%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	83,764 (40.3%)	50,170 (38.9%)
One to three times a month	33,771 (16.2%)	20,004 (15.5%)
Less than once a month	37,340 (18.0%)	23,646 (18.3%)
Never	51,069 (24.6%)	33,913 (26.3%)
(Missing)	1,975 (0.9%)	1,135 (0.9%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	130,141 (62.6%)	78,007 (60.5%)
Somewhat good	54,797 (26.4%)	35,851 (27.8%)
Somewhat bad	11,235 (5.4%)	7,775 (6.0%)
Very bad	4,435 (2.1%)	2,931 (2.3%)
(Does not apply)	6,353 (3.1%)	3,760 (2.9%)
(Missing)	958 (0.5%)	544 (0.4%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	109,545 (52.7%)	64,863 (50.3%)
Somewhat good	58,172 (28.0%)	38,074 (29.5%)
Somewhat bad	16,097 (7.7%)	11,100 (8.6%)
Very bad	8,278 (4.0%)	5,379 (4.2%)
(Does not apply)	14,447 (6.9%)	8,737 (6.8%)
(Missing)	1,379 (0.7%)	715 (0.6%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	28,936 (13.9%)	18,510 (14.4%)
No	175,363 (84.3%)	108,222 (84.0%)
(Missing)	3,620 (1.7%)	2,135 (1.7%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	29,156 (14.0%)	19,036 (14.8%)
No	172,270 (82.9%)	106,223 (82.4%)
(Missing)	6,493 (3.1%)	3,609 (2.8%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	68,598 (33.0%)	43,618 (33.8%)
Very good	65,141 (31.3%)	40,811 (31.7%)
Good	48,478 (23.3%)	29,208 (22.7%)
Fair	20,231 (9.7%)	12,049 (9.3%)
Poor	4,933 (2.4%)	2,856 (2.2%)
(Missing)	539 (0.3%)	325 (0.3%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	72,541 (34.9%)	44,534 (34.6%)
Got by	85,508 (41.1%)	54,276 (42.1%)
Found it difficult	36,515 (17.6%)	22,210 (17.2%)
Found it very difficult	12,684 (6.1%)	7,488 (5.8%)
(Missing)	672 (0.3%)	359 (0.3%)
<i>Religious affiliation growing up, n (%)</i>		

Table S1. Weighted summary statistics for demographic and childhood variables.

Characteristic	Wave 1	Wave 2
	N = 207,919	N = 128,868
Christianity	119,860 (57.6%)	75,375 (58.5%)
Taoism	224 (0.1%)	140 (0.1%)
Confucianism	73 (0.0%)	43 (0.0%)
Primal, Animist, or Folk religion	420 (0.2%)	198 (0.2%)
Spiritism	333 (0.2%)	86 (0.1%)
Umbanda, Candomblé, and other African-derived religions	262 (0.1%)	76 (0.1%)
Chinese folk/traditional religion	243 (0.1%)	157 (0.1%)
Islam	23,946 (11.5%)	12,371 (9.6%)
Hinduism	10,815 (5.2%)	5,414 (4.2%)
Buddhism	7,946 (3.8%)	5,410 (4.2%)
Judaism	3,956 (1.9%)	2,811 (2.2%)
Sikhism	233 (0.1%)	94 (0.1%)
Baha'i	35 (0.0%)	25 (0.0%)
Jainism	30 (0.0%)	20 (0.0%)
Shinto	427 (0.2%)	268 (0.2%)
Some other religion	746 (0.4%)	512 (0.4%)
No religion/Atheist/Agnostic	37,292 (17.9%)	25,300 (19.6%)
(Missing)	1,078 (0.5%)	568 (0.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S2. Weighted summary statistics for exposure and outcome variables by Wave.

Outcome	Wave 1 N = 207,919	Wave 2 N = 128,868
<i>Secure flourishing index</i>		
Mean	7.1	7.0
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5,665 (2.7%)	3,832 (3.0%)
<i>Flourishing index</i>		
Mean	7.3	7.1
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5,092 (2.4%)	3,543 (2.7%)
<i>Happiness & life satisfaction</i>		
Mean	6.9	6.7
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1,048 (0.5%)	585 (0.5%)
<i>Physical & mental health</i>		
Mean	7.3	7.1
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	687 (0.3%)	1,302 (1.0%)
<i>Meaning & purpose</i>		
Mean	7.4	7.2
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1,420 (0.7%)	687 (0.5%)
<i>Character & virtue</i>		
Mean	7.6	7.4
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1,446 (0.7%)	737 (0.6%)
<i>Close social relationships</i>		
Mean	7.4	7.2
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1,457 (0.7%)	666 (0.5%)
<i>Financial & material security</i>		
Mean	5.9	6.1
Standard Deviation	3.2	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	779 (0.4%)	371 (0.3%)
<i>Life satisfaction</i>		
Mean	6.9	6.6
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	708 (0.3%)	392 (0.3%)
<i>Happiness</i>		
Mean	7.0	6.8
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	408 (0.2%)	214 (0.2%)
<i>Self-rated physical health</i>		

Table S2. Weighted summary statistics for exposure and outcome variables by Wave.

Outcome	Wave 1 N = 207,919	Wave 2 N = 128,868
Mean	7.1	6.8
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	353 (0.2%)	1,147 (0.9%)
<i>Self-rated mental health</i>		
Mean	7.6	7.4
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	400 (0.2%)	351 (0.3%)
<i>Understanding purpose</i>		
Mean	7.4	7.2
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	847 (0.4%)	440 (0.3%)
<i>Meaningful activities</i>		
Mean	7.3	7.1
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	636 (0.3%)	268 (0.2%)
<i>Orientation to promote good</i>		
Mean	7.9	7.7
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	699 (0.3%)	296 (0.2%)
<i>Delayed gratification</i>		
Mean	7.3	7.1
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	930 (0.4%)	504 (0.4%)
<i>Relationship contentment</i>		
Mean	7.6	7.4
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	719 (0.3%)	350 (0.3%)
<i>Relationship satisfaction</i>		
Mean	7.3	7.1
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	870 (0.4%)	396 (0.3%)
<i>Financial security</i>		
Mean	5.8	6.0
Standard Deviation	3.4	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	361 (0.2%)	141 (0.1%)
<i>Material security</i>		
Mean	6.0	6.3
Standard Deviation	3.4	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	492 (0.2%)	256 (0.2%)
<i>Current life evaluation</i>		
Mean	6.4	6.3

Table S2. Weighted summary statistics for exposure and outcome variables by Wave.

Outcome	Wave 1 N = 207,919	Wave 2 N = 128,868
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	519 (0.2%)	173 (0.1%)
<i>Future life evaluation</i>		
Mean	7.5	7.2
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4,160 (2.0%)	1,492 (1.2%)
<i>Optimism</i>		
Mean	8.0	7.8
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	797 (0.4%)	507 (0.4%)
<i>Freedom to pursue what's important</i>		
Mean	7.7	7.4
Standard Deviation	2.4	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	492 (0.2%)	196 (0.2%)
<i>Inner peace, n (%)</i>		
Always	46,046 (22.1%)	24,519 (19.0%)
Often	104,743 (50.4%)	68,425 (53.1%)
Rarely	48,364 (23.3%)	30,492 (23.7%)
Never	7,973 (3.8%)	4,395 (3.4%)
(Missing)	793 (0.4%)	1,038 (0.8%)
<i>Life balance, n (%)</i>		
Always	35,653 (17.1%)	18,735 (14.5%)
Often	109,530 (52.7%)	69,936 (54.3%)
Rarely	53,712 (25.8%)	34,716 (26.9%)
Never	8,118 (3.9%)	4,890 (3.8%)
(Missing)	906 (0.4%)	591 (0.5%)
<i>Sense of mastery, n (%)</i>		
Always	54,526 (26.2%)	28,721 (22.3%)
Often	105,568 (50.8%)	68,836 (53.4%)
Rarely	40,071 (19.3%)	25,968 (20.2%)
Never	6,640 (3.2%)	4,635 (3.6%)
(Missing)	1,114 (0.5%)	708 (0.5%)
<i>Traumatic distress, n (%)</i>		
A lot	23,079 (11.1%)	13,672 (10.6%)
Some	46,790 (22.5%)	29,448 (22.9%)
Not very much	62,122 (29.9%)	40,019 (31.1%)
Not at all	75,090 (36.1%)	45,220 (35.1%)
(Missing)	838 (0.4%)	509 (0.4%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	59,658 (28.9%)	34,547 (27.0%)
	1,516 (0.7%)	787 (0.6%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	17,965 (8.6%)	10,347 (8.0%)
More than half the days	25,765 (12.4%)	15,632 (12.1%)
Several days	62,656 (30.1%)	39,446 (30.6%)
Not at all	100,782 (48.5%)	63,105 (49.0%)
(Missing)	751 (0.4%)	339 (0.3%)
<i>Depression – loss of interest, n (%)</i>		

Table S2. Weighted summary statistics for exposure and outcome variables by Wave.

Outcome	Wave 1	Wave 2
	N = 207,919	N = 128,868
Nearly every day	23,215 (11.2%)	12,411 (9.6%)
More than half the days	31,916 (15.4%)	19,010 (14.8%)
Several days	62,593 (30.1%)	40,690 (31.6%)
Not at all	89,307 (43.0%)	56,254 (43.7%)
(Missing)	888 (0.4%)	503 (0.4%)
<i>Anxiety symptoms composite, n (%)</i>	56,239 (27.2%)	33,037 (25.8%)
(Missing)	1,341 (0.6%)	733 (0.6%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	21,832 (10.5%)	12,190 (9.5%)
More than half the days	27,355 (13.2%)	16,915 (13.1%)
Several days	71,275 (34.3%)	45,070 (35.0%)
Not at all	86,676 (41.7%)	54,237 (42.1%)
(Missing)	781 (0.4%)	456 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	21,818 (10.5%)	11,952 (9.3%)
More than half the days	24,587 (11.8%)	15,123 (11.7%)
Several days	56,222 (27.0%)	35,667 (27.7%)
Not at all	104,575 (50.3%)	65,790 (51.1%)
(Missing)	716 (0.3%)	336 (0.3%)
<i>Suffering, n (%)</i>		
A lot	21,048 (10.1%)	13,088 (10.2%)
Some	67,628 (32.5%)	43,928 (34.1%)
Not very much	69,657 (33.5%)	44,277 (34.4%)
Not at all	48,795 (23.5%)	27,114 (21.0%)
(Missing)	791 (0.4%)	461 (0.4%)
<i>Social support</i>		
Mean	7.4	7.3
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	559 (0.3%)	1,950 (1.5%)
<i>Intimate/close friend, n (%)</i>		
Yes	171,664 (82.6%)	105,876 (82.2%)
No	35,306 (17.0%)	22,421 (17.4%)
(Missing)	949 (0.5%)	571 (0.4%)
<i>Government approval, n (%)</i>		
Strongly approve	29,231 (14.1%)	15,701 (12.2%)
Somewhat approve	46,939 (22.6%)	27,836 (21.6%)
Neither approve nor disapprove	42,455 (20.4%)	23,954 (18.6%)
Somewhat disapprove	35,836 (17.2%)	23,820 (18.5%)
Strongly disapprove	42,401 (20.4%)	29,151 (22.6%)
(Missing)	11,059 (5.3%)	8,406 (6.5%)
<i>Say in government, n (%)</i>		
Agree	71,922 (34.6%)	43,145 (33.5%)
Disagree	80,086 (38.5%)	51,183 (39.7%)
Unsure	49,976 (24.0%)	29,565 (22.9%)
(Missing)	5,934 (2.9%)	4,976 (3.9%)
<i>Belonging in country</i>		
Mean	7.6	7.4
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6,320 (3.0%)	5,489 (4.3%)

Table S2. Weighted summary statistics for exposure and outcome variables by Wave.

Outcome	Wave 1 N = 207,919	Wave 2 N = 128,868
<i>City/place satisfaction, n (%)</i>		
Satisfied	156,301 (75.2%)	94,404 (73.3%)
Dissatisfied	31,531 (15.2%)	20,446 (15.9%)
Unsure	19,171 (9.2%)	13,305 (10.3%)
(Missing)	916 (0.4%)	712 (0.6%)
<i>Trust within country, n (%)</i>		
All people	6,476 (3.1%)	2,840 (2.2%)
Most people	42,276 (20.3%)	26,155 (20.3%)
Some people	85,480 (41.1%)	54,365 (42.2%)
Not very many people	61,444 (29.6%)	39,010 (30.3%)
None	10,463 (5.0%)	5,775 (4.5%)
(Missing)	1,780 (0.9%)	724 (0.6%)
<i>Number of children</i>		
Mean	1.0	1.0
Standard Deviation	1.6	1.9
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	1,461 (0.7%)	13,908 (11%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	16,107 (7.7%)	9,571 (7.4%)
Once a week	21,124 (10.2%)	12,453 (9.7%)
One to three times a month	25,085 (12.1%)	16,149 (12.5%)
A few times a year	47,457 (22.8%)	29,580 (23.0%)
Never	97,476 (46.9%)	60,783 (47.2%)
(Missing)	670 (0.3%)	332 (0.3%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	26,507 (12.7%)	14,616 (11.3%)
Once a week	39,833 (19.2%)	21,977 (17.1%)
One to three times a month	20,084 (9.7%)	11,278 (8.8%)
A few times a year	42,064 (20.2%)	26,286 (20.4%)
Never	78,707 (37.9%)	54,127 (42.0%)
(Missing)	723 (0.3%)	584 (0.5%)
<i>Loneliness</i>		
Mean	3.4	3.4
Standard Deviation	3.1	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	389 (0.2%)	212 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	13,196 (6.3%)	6,979 (5.4%)
Often	32,806 (15.8%)	20,342 (15.8%)
Rarely	80,322 (38.6%)	53,540 (41.5%)
Never	80,672 (38.8%)	47,650 (37.0%)
(Missing)	923 (0.4%)	357 (0.3%)
<i>Hope</i>		
Mean	7.9	7.6
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2,752 (1.3%)	953 (0.7%)
<i>Gratitude</i>		
Mean	7.8	7.6
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0

Table S2. Weighted summary statistics for exposure and outcome variables by Wave.

Outcome	Wave 1 N = 207,919	Wave 2 N = 128,868
(Missing)	3,080 (1.5%)	1,049 (0.8%)
<i>Showing love/care</i>		
Mean	8.1	8.0
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	380 (0.2%)	508 (0.4%)
<i>Forgivingness, n (%)</i>		
Always	61,254 (29.5%)	32,311 (25.1%)
Often	93,572 (45.0%)	61,616 (47.8%)
Rarely	43,112 (20.7%)	28,604 (22.2%)
Never	9,266 (4.5%)	5,875 (4.6%)
(Missing)	714 (0.3%)	462 (0.4%)
<i>Charitable giving, n (%)</i>		
Yes	77,822 (37.4%)	54,506 (42.3%)
No	129,538 (62.3%)	73,624 (57.1%)
(Missing)	559 (0.3%)	738 (0.6%)
<i>Helping strangers, n (%)</i>		
Yes	108,198 (52.0%)	67,049 (52.0%)
No	98,762 (47.5%)	61,279 (47.6%)
(Missing)	959 (0.5%)	541 (0.4%)
<i>Volunteering, n (%)</i>		
Yes	47,876 (23.0%)	33,736 (26.2%)
No	159,416 (76.7%)	94,625 (73.4%)
(Missing)	626 (0.3%)	507 (0.4%)
<i>Health problems, n (%)</i>		
Yes	43,515 (20.9%)	30,555 (23.7%)
No	162,901 (78.3%)	97,549 (75.7%)
(Missing)	1,503 (0.7%)	764 (0.6%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	25,137 (12.1%)	16,416 (12.7%)
Some	66,705 (32.1%)	42,748 (33.2%)
Not very much	66,696 (32.1%)	42,468 (33.0%)
None at all	49,011 (23.6%)	27,035 (21.0%)
(Missing)	370 (0.2%)	202 (0.2%)
<i>Number of drinks per week</i>		
Mean	2.1	2.0
Standard Deviation	5.6	5.4
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	2,979 (1.4%)	2,590 (2.0%)
<i>Days exercise per week</i>		
Mean	2.5	2.4
Standard Deviation	2.5	2.4
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	3,527 (1.7%)	1,263 (1.0%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	46,842 (22.5%)	22,656 (17.6%)
9-15	116,015 (55.8%)	72,945 (56.6%)
16+	44,904 (21.6%)	33,257 (25.8%)
(Missing)	158 (0.1%)	11 (<0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	81,157 (39.0%)	54,273 (42.1%)

Table S2. Weighted summary statistics for exposure and outcome variables by Wave.

Outcome	Wave 1 N = 207,919	Wave 2 N = 128,868
Self-employed	36,901 (17.7%)	21,051 (16.3%)
Retired	30,456 (14.6%)	21,672 (16.8%)
Student	11,505 (5.5%)	5,026 (3.9%)
Homemaker	21,897 (10.5%)	11,073 (8.6%)
Unemployed and looking for a job	16,673 (8.0%)	8,871 (6.9%)
None of these/Other	8,534 (4.1%)	5,933 (4.6%)
(Missing)	796 (0.4%)	970 (0.8%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	51,560 (24.8%)	35,832 (27.8%)
Getting by on present income	88,865 (42.7%)	56,022 (43.5%)
Finding it difficult on present income	43,512 (20.9%)	24,658 (19.1%)
Finding it very difficult on present income	21,711 (10.4%)	11,478 (8.9%)
(Missing)	2,270 (1.1%)	878 (0.7%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	118,807 (57.1%)	75,403 (58.5%)
Someone in this household rents this home	41,752 (20.1%)	26,226 (20.4%)
Both	6,599 (3.2%)	3,998 (3.1%)
Neither	23,688 (11.4%)	10,687 (8.3%)
Rent	4,303 (2.1%)	3,298 (2.6%)
Own	10,513 (5.1%)	8,090 (6.3%)
Something else	218 (0.1%)	235 (0.2%)
(Missing)	2,039 (1.0%)	930 (0.7%)
<i>Religious/spiritual connection, n (%)</i>		
Always	64,962 (31.2%)	37,931 (29.4%)
Often	53,107 (25.5%)	30,496 (23.7%)
Rarely	52,151 (25.1%)	32,022 (24.8%)
Never	37,091 (17.8%)	28,104 (21.8%)
(Missing)	609 (0.3%)	314 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	104,482 (50.3%)	61,725 (47.9%)
No	50,095 (24.1%)	31,870 (24.7%)
Unsure	52,291 (25.1%)	34,588 (26.8%)
(Missing)	1,051 (0.5%)	685 (0.5%)
<i>Transformative religious experience, n (%)</i>		
Yes	75,404 (36.3%)	42,976 (33.3%)
No	131,016 (63.0%)	85,203 (66.1%)
(Missing)	1,499 (0.7%)	689 (0.5%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	22,763 (10.9%)	13,577 (10.5%)
About once a day	32,125 (15.5%)	17,872 (13.9%)
Sometimes	71,967 (34.6%)	40,378 (31.3%)
Never	79,998 (38.5%)	56,388 (43.8%)
(Missing)	1,066 (0.5%)	653 (0.5%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	49,615 (23.9%)	28,314 (22.0%)
About once a day	42,335 (20.4%)	23,882 (18.5%)
Sometimes	59,492 (28.6%)	35,583 (27.6%)
Never	55,784 (26.8%)	40,642 (31.5%)
(Missing)	694 (0.3%)	447 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	119,927 (57.7%)	69,505 (53.9%)

Table S2. Weighted summary statistics for exposure and outcome variables by Wave.

Outcome	Wave 1 N = 207,919	Wave 2 N = 128,868
More than one god	11,428 (5.5%)	6,458 (5.0%)
An impersonal spiritual force	18,795 (9.0%)	12,451 (9.7%)
None of these	34,961 (16.8%)	25,495 (19.8%)
Unsure	22,140 (10.6%)	14,527 (11.3%)
(Missing)	668 (0.3%)	434 (0.3%)
<i>Religious centrality, n (%)</i>		
Agree	101,164 (48.7%)	57,915 (44.9%)
Disagree	33,096 (15.9%)	20,078 (15.6%)
Not relevant	49,906 (24.0%)	36,183 (28.1%)
Unsure	22,675 (10.9%)	14,189 (11.0%)
(Missing)	1,078 (0.5%)	503 (0.4%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	116,835 (56.2%)	66,624 (51.7%)
Disagree	26,191 (12.6%)	16,059 (12.5%)
Not relevant	45,732 (22.0%)	34,192 (26.5%)
Unsure	18,301 (8.8%)	11,536 (9.0%)
(Missing)	860 (0.4%)	456 (0.4%)
<i>Feel loved by God, n (%)</i>		
Agree	119,671 (57.6%)	68,453 (53.1%)
Disagree	23,787 (11.4%)	14,794 (11.5%)
Not relevant	43,623 (21.0%)	32,016 (24.8%)
Unsure	19,741 (9.5%)	12,879 (10.0%)
(Missing)	1,096 (0.5%)	726 (0.6%)
<i>Feel punished by God, n (%)</i>		
Agree	41,799 (20.1%)	23,627 (18.3%)
Disagree	94,280 (45.3%)	56,466 (43.8%)
Not relevant	46,192 (22.2%)	32,964 (25.6%)
Unsure	24,460 (11.8%)	15,129 (11.7%)
(Missing)	1,187 (0.6%)	681 (0.5%)
<i>Experienced religious criticism, n (%)</i>		
Agree	39,242 (18.9%)	21,256 (16.5%)
Disagree	76,613 (36.8%)	44,723 (34.7%)
Not relevant	65,876 (31.7%)	46,689 (36.2%)
Unsure	24,978 (12.0%)	15,570 (12.1%)
(Missing)	1,210 (0.6%)	630 (0.5%)
<i>Faith-sharing, n (%)</i>		
Agree	86,217 (41.5%)	48,770 (37.8%)
Disagree	50,925 (24.5%)	31,294 (24.3%)
Not relevant	54,296 (26.1%)	38,632 (30.0%)
Unsure	15,580 (7.5%)	9,693 (7.5%)
(Missing)	901 (0.4%)	478 (0.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S3. Unweighted summary statistics for demographic and childhood variables by retention status.

Characteristic	Attriters-Not Observed in Wave 2 N = 79,051	Retained-Observed in Wave 2 N = 128,868
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	1,123 (1.4%)	3,662 (2.8%)
1943-1953 (current age: 70-79 years)	3,937 (5.0%)	15,976 (12.4%)
1953-1963 (current age: 60-69 years)	7,157 (9.1%)	21,995 (17.1%)
1963-1973 (current age: 50-59 years)	10,089 (12.8%)	21,336 (16.6%)
1973-1983 (current age: 40-49 years)	13,757 (17.4%)	20,932 (16.2%)
1983-1993 (current age: 30-39 years)	18,564 (23.5%)	23,250 (18.0%)
1993-1998 (current age: 25-29 years)	10,357 (13.1%)	10,525 (8.2%)
1998-2005 (current age: 18-24 years)	14,057 (17.8%)	11,182 (8.7%)
(Missing)	10 (0.0%)	10 (<0.0%)
<i>Age of participant</i>		
Mean	40.5	49.0
Standard Deviation	16.3	17.6
Min, Max	18.0, 99.0	18.0, 99.0
(Missing)	10 (<0.1%)	10 (<0.1%)
<i>Gender, n (%)</i>		
Male	34,938 (44.2%)	62,823 (48.7%)
Female	43,714 (55.3%)	65,617 (50.9%)
Other	168 (0.2%)	238 (0.2%)
(Missing)	231 (0.3%)	190 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	22,924 (29.0%)	27,961 (21.7%)
Married	38,596 (48.8%)	74,144 (57.5%)
Separated	2,362 (3.0%)	2,867 (2.2%)
Divorced	3,758 (4.8%)	8,525 (6.6%)
Widowed	2,996 (3.8%)	6,327 (4.9%)
Domestic partner	7,371 (9.3%)	8,233 (6.4%)
(Missing)	1,044 (1.3%)	811 (0.6%)
<i>Education (years), n (%)</i>		
Up to 8	15,482 (19.6%)	18,321 (14.2%)
9-15	48,117 (60.9%)	70,512 (54.7%)
16+	15,391 (19.5%)	39,909 (31.0%)
(Missing)	61 (0.1%)	126 (0.1%)
<i>Employment status, n (%)</i>		
Employed for an employer	27,843 (35.2%)	48,161 (37.4%)
Self-employed	15,300 (19.4%)	20,685 (16.1%)
Retired	7,109 (9.0%)	27,606 (21.4%)
Student	5,498 (7.0%)	5,412 (4.2%)
Homemaker	10,959 (13.9%)	12,169 (9.4%)
Unemployed and looking for a job	8,339 (10.5%)	8,913 (6.9%)
None of these/Other	3,436 (4.3%)	5,665 (4.4%)
(Missing)	567 (0.7%)	257 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	11,796 (14.9%)	14,306 (11.1%)
Once a week	16,257 (20.6%)	23,844 (18.5%)
One to three times a month	8,970 (11.3%)	11,610 (9.0%)
A few times a year	16,380 (20.7%)	25,468 (19.8%)
Never	25,326 (32.0%)	53,239 (41.3%)
(Missing)	322 (0.4%)	401 (0.3%)

Table S3. Unweighted summary statistics for demographic and childhood variables by retention status.

Characteristic	Attriters-Not Observed in Wave 2 N = 79,051	Retained-Observed in Wave 2 N = 128,868
<i>Immigration status, n (%)</i>		
Born in this country	74,341 (94.0%)	122,628 (95.2%)
Born in another country	3,598 (4.6%)	5,290 (4.1%)
(Missing)	1,112 (1.4%)	950 (0.7%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	56,922 (72.0%)	102,962 (79.9%)
Parents were divorced	6,492 (8.2%)	10,313 (8.0%)
Parents were never married	7,074 (8.9%)	6,780 (5.3%)
One or both of them had died	3,101 (3.9%)	4,625 (3.6%)
Unsure	1,326 (1.7%)	1,011 (0.8%)
(Missing)	4,136 (5.2%)	3,177 (2.5%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	33,367 (42.2%)	52,240 (40.5%)
One to three times a month	14,213 (18.0%)	19,918 (15.5%)
Less than once a month	13,970 (17.7%)	22,672 (17.6%)
Never	16,661 (21.1%)	32,943 (25.6%)
(Missing)	840 (1.1%)	1,095 (0.8%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	50,997 (64.5%)	78,870 (61.2%)
Somewhat good	19,685 (24.9%)	35,753 (27.7%)
Somewhat bad	3,772 (4.8%)	7,464 (5.8%)
Very bad	1,479 (1.9%)	2,555 (2.0%)
(Does not apply)	2,684 (3.4%)	3,689 (2.9%)
(Missing)	434 (0.5%)	537 (0.4%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	43,258 (54.7%)	65,701 (51.0%)
Somewhat good	20,508 (25.9%)	38,627 (30.0%)
Somewhat bad	5,536 (7.0%)	10,665 (8.3%)
Very bad	3,122 (3.9%)	4,852 (3.8%)
(Does not apply)	5,987 (7.6%)	8,297 (6.4%)
(Missing)	640 (0.8%)	726 (0.6%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	11,595 (14.7%)	17,312 (13.4%)
No	65,940 (83.4%)	109,621 (85.1%)
(Missing)	1,516 (1.9%)	1,935 (1.5%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	10,882 (13.8%)	17,725 (13.8%)
No	65,176 (82.4%)	107,610 (83.5%)
(Missing)	2,993 (3.8%)	3,533 (2.7%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	25,415 (32.2%)	45,818 (35.6%)
Very good	24,074 (30.5%)	40,639 (31.5%)
Good	19,079 (24.1%)	27,881 (21.6%)
Fair	8,247 (10.4%)	11,626 (9.0%)
Poor	2,035 (2.6%)	2,593 (2.0%)
(Missing)	201 (0.3%)	311 (0.2%)
<i>Subjective financial status of family growing up, n (%)</i>		

Table S3. Unweighted summary statistics for demographic and childhood variables by retention status.

Characteristic	Attriters-Not Observed in	Retained-Observed in
	Wave 2 N = 79,051	Wave 2 N = 128,868
Lived comfortably	28,921 (36.6%)	46,076 (35.8%)
Got by	31,140 (39.4%)	54,847 (42.6%)
Found it difficult	13,944 (17.6%)	20,954 (16.3%)
Found it very difficult	4,739 (6.0%)	6,679 (5.2%)
(Missing)	307 (0.4%)	312 (0.2%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	44,656 (56.5%)	77,080 (59.8%)
Taoism	77 (0.1%)	144 (0.1%)
Confucianism	37 (0.0%)	41 (0.0%)
Primal, Animist, or Folk religion	197 (0.2%)	186 (0.1%)
Spiritism	242 (0.3%)	118 (0.1%)
Umbanda, Candomblé, and other		
African-derived religions	251 (0.3%)	78 (0.1%)
Chinese folk/traditional religion	104 (0.1%)	157 (0.1%)
Islam	11,061 (14.0%)	11,215 (8.7%)
Hinduism	5,617 (7.1%)	5,679 (4.4%)
Buddhism	2,396 (3.0%)	5,363 (4.2%)
Judaism	1,162 (1.5%)	3,390 (2.6%)
Sikhism	117 (0.1%)	89 (0.1%)
Baha'i	13 (0.0%)	17 (0.0%)
Jainism	12 (0.0%)	19 (0.0%)
Shinto	149 (0.2%)	259 (0.2%)
Some other religion	228 (0.3%)	397 (0.3%)
No religion/Atheist/Agnostic	12,249 (15.5%)	24,167 (18.8%)
(Missing)	483 (0.6%)	469 (0.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S4. Unweighted summary statistics for Wave 1 outcome variables by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 79,051	Wave 2 N = 128,868
<i>Secure flourishing index</i>		
Mean	7.1	7.2
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2,386 (3.0%)	3,182 (2.5%)
<i>Flourishing index</i>		
Mean	7.4	7.3
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2,115 (2.7%)	2,861 (2.2%)
<i>Happiness & life satisfaction</i>		
Mean	6.9	7.0
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	478 (0.6%)	601 (0.5%)
<i>Physical & mental health</i>		
Mean	7.4	7.4
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	279 (0.4%)	393 (0.3%)
<i>Meaning & purpose</i>		
Mean	7.5	7.4
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	576 (0.7%)	773 (0.6%)
<i>Character & virtue</i>		
Mean	7.7	7.5
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	590 (0.7%)	756 (0.6%)
<i>Close social relationships</i>		
Mean	7.5	7.4
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	649 (0.8%)	850 (0.7%)
<i>Financial & material security</i>		
Mean	5.5	6.3
Standard Deviation	3.3	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	394 (0.5%)	419 (0.3%)
<i>Life satisfaction</i>		
Mean	6.9	6.9
Standard Deviation	2.7	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	313 (0.4%)	400 (0.3%)
<i>Happiness</i>		
Mean	7.0	7.0
Standard Deviation	2.5	2.3
Min, Max	0.0, 10.0	0.0, 10.0

Table S4. Unweighted summary statistics for Wave 1 outcome variables by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 79,051	N = 128,868
(Missing)	206 (0.3%)	233 (0.2%)
<i>Self-rated physical health</i>		
Mean	7.2	7.1
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	140 (0.2%)	210 (0.2%)
<i>Self-rated mental health</i>		
Mean	7.6	7.7
Standard Deviation	2.5	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	169 (0.2%)	224 (0.2%)
<i>Understanding purpose</i>		
Mean	7.6	7.4
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	320 (0.4%)	490 (0.4%)
<i>Meaningful activities</i>		
Mean	7.3	7.3
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	290 (0.4%)	309 (0.2%)
<i>Orientation to promote good</i>		
Mean	8.0	7.9
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	296 (0.4%)	381 (0.3%)
<i>Delayed gratification</i>		
Mean	7.4	7.2
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	371 (0.5%)	460 (0.4%)
<i>Relationship contentment</i>		
Mean	7.6	7.6
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	334 (0.4%)	404 (0.3%)
<i>Relationship satisfaction</i>		
Mean	7.3	7.2
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	380 (0.5%)	519 (0.4%)
<i>Financial security</i>		
Mean	5.3	6.1
Standard Deviation	3.5	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	176 (0.2%)	200 (0.2%)
<i>Material security</i>		
Mean	5.6	6.4
Standard Deviation	3.6	3.3

Table S4. Unweighted summary statistics for Wave 1 outcome variables by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 79,051	Wave 2 N = 128,868
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	258 (0.3%)	245 (0.2%)
<i>Current life evaluation</i>		
Mean	6.4	6.6
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	240 (0.3%)	247 (0.2%)
<i>Future life evaluation</i>		
Mean	7.7	7.4
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1,830 (2.3%)	1,936 (1.5%)
<i>Optimism</i>		
Mean	8.2	7.9
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	322 (0.4%)	521 (0.4%)
<i>Freedom to pursue what's important</i>		
Mean	7.8	7.7
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	205 (0.3%)	257 (0.2%)
<i>Inner peace, n (%)</i>		
Always	18,612 (23.5%)	27,235 (21.1%)
Often	36,175 (45.8%)	70,274 (54.5%)
Rarely	20,325 (25.7%)	27,124 (21.0%)
Never	3,597 (4.6%)	3,801 (2.9%)
(Missing)	342 (0.4%)	434 (0.3%)
<i>Life balance, n (%)</i>		
Always	14,813 (18.7%)	20,283 (15.7%)
Often	38,337 (48.5%)	73,414 (57.0%)
Rarely	22,033 (27.9%)	30,722 (23.8%)
Never	3,491 (4.4%)	3,966 (3.1%)
(Missing)	377 (0.5%)	483 (0.4%)
<i>Sense of mastery, n (%)</i>		
Always	23,141 (29.3%)	30,915 (24.0%)
Often	36,783 (46.5%)	70,304 (54.6%)
Rarely	15,771 (20.0%)	23,268 (18.1%)
Never	2,868 (3.6%)	3,759 (2.9%)
(Missing)	488 (0.6%)	622 (0.5%)
<i>Traumatic distress, n (%)</i>		
A lot	10,802 (13.7%)	11,965 (9.3%)
Some	18,781 (23.8%)	27,479 (21.3%)
Not very much	22,493 (28.5%)	39,625 (30.7%)
Not at all	26,596 (33.6%)	49,368 (38.3%)
(Missing)	379 (0.5%)	431 (0.3%)
<i>Depression symptoms composite, n (%)</i>	26,650 (34.0%)	31,431 (24.5%)
(Missing)	633 (0.8%)	837 (0.6%)
<i>Depression – feel hopeless, n (%)</i>		

Table S4. Unweighted summary statistics for Wave 1 outcome variables by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 79,051	Wave 2 N = 128,868
Nearly every day	8,515 (10.8%)	9,249 (7.2%)
More than half the days	11,075 (14.0%)	13,847 (10.7%)
Several days	24,661 (31.2%)	38,451 (29.8%)
Not at all	34,496 (43.6%)	66,902 (51.9%)
(Missing)	304 (0.4%)	419 (0.3%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	10,721 (13.6%)	11,726 (9.1%)
More than half the days	13,765 (17.4%)	17,189 (13.3%)
Several days	24,565 (31.1%)	38,324 (29.7%)
Not at all	29,602 (37.4%)	61,149 (47.5%)
(Missing)	398 (0.5%)	480 (0.4%)
<i>Anxiety symptoms composite, n (%)</i>	25,471 (32.5%)	29,159 (22.8%)
(Missing)	574 (0.7%)	732 (0.6%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	10,571 (13.4%)	10,762 (8.4%)
More than half the days	11,454 (14.5%)	14,906 (11.6%)
Several days	27,326 (34.6%)	44,647 (34.6%)
Not at all	29,365 (37.1%)	58,118 (45.1%)
(Missing)	335 (0.4%)	435 (0.3%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	10,443 (13.2%)	10,539 (8.2%)
More than half the days	10,750 (13.6%)	13,022 (10.1%)
Several days	22,054 (27.9%)	34,415 (26.7%)
Not at all	35,482 (44.9%)	70,525 (54.7%)
(Missing)	322 (0.4%)	367 (0.3%)
<i>Suffering, n (%)</i>		
A lot	9,107 (11.5%)	10,994 (8.5%)
Some	26,409 (33.4%)	41,630 (32.3%)
Not very much	24,875 (31.5%)	45,704 (35.5%)
Not at all	18,310 (23.2%)	30,113 (23.4%)
(Missing)	350 (0.4%)	427 (0.3%)
<i>Social support</i>		
Mean	7.3	7.5
Standard Deviation	2.9	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	254 (0.3%)	342 (0.3%)
<i>Intimate/close friend, n (%)</i>		
Yes	64,698 (81.8%)	107,220 (83.2%)
No	13,880 (17.6%)	21,220 (16.5%)
(Missing)	473 (0.6%)	428 (0.3%)
<i>Government approval, n (%)</i>		
Strongly approve	13,216 (16.7%)	15,284 (11.9%)
Somewhat approve	18,745 (23.7%)	29,590 (23.0%)
Neither approve nor disapprove	18,116 (22.9%)	22,741 (17.6%)
Somewhat disapprove	12,208 (15.4%)	23,658 (18.4%)
Strongly disapprove	14,017 (17.7%)	29,423 (22.8%)
(Missing)	2,749 (3.5%)	8,172 (6.3%)
<i>Say in government, n (%)</i>		
Agree	30,136 (38.1%)	43,054 (33.4%)

Table S4. Unweighted summary statistics for Wave 1 outcome variables by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 79,051	Wave 2 N = 128,868
Disagree	28,121 (35.6%)	51,158 (39.7%)
Unsure	19,864 (25.1%)	29,693 (23.0%)
(Missing)	930 (1.2%)	4,963 (3.9%)
<i>Belonging in country</i>		
Mean	7.7	7.6
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1,119 (1.4%)	5,140 (4.0%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	58,598 (74.1%)	99,001 (76.8%)
Dissatisfied	12,487 (15.8%)	18,110 (14.1%)
Unsure	7,559 (9.6%)	11,251 (8.7%)
(Missing)	407 (0.5%)	506 (0.4%)
<i>Trust within country, n (%)</i>		
All people	3,221 (4.1%)	2,871 (2.2%)
Most people	14,977 (18.9%)	28,128 (21.8%)
Some people	31,856 (40.3%)	55,317 (42.9%)
Not very many people	23,233 (29.4%)	36,884 (28.6%)
None	5,048 (6.4%)	4,807 (3.7%)
(Missing)	716 (0.9%)	861 (0.7%)
<i>Number of children</i>		
Mean	1.1	0.9
Standard Deviation	1.7	1.5
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	939 (1.2%)	592 (0.5%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	6,837 (8.6%)	10,161 (7.9%)
Once a week	8,776 (11.1%)	12,486 (9.7%)
One to three times a month	9,681 (12.2%)	16,982 (13.2%)
A few times a year	17,544 (22.2%)	31,389 (24.4%)
Never	35,902 (45.4%)	57,531 (44.6%)
(Missing)	311 (0.4%)	319 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	11,796 (14.9%)	14,306 (11.1%)
Once a week	16,257 (20.6%)	23,844 (18.5%)
One to three times a month	8,970 (11.3%)	11,610 (9.0%)
A few times a year	16,380 (20.7%)	25,468 (19.8%)
Never	25,326 (32.0%)	53,239 (41.3%)
(Missing)	322 (0.4%)	401 (0.3%)
<i>Loneliness</i>		
Mean	3.5	3.2
Standard Deviation	3.1	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	202 (0.3%)	192 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	6,330 (8.0%)	6,323 (4.9%)
Often	13,223 (16.7%)	19,022 (14.8%)
Rarely	29,003 (36.7%)	52,924 (41.1%)
Never	30,085 (38.1%)	50,167 (38.9%)

Table S4. Unweighted summary statistics for Wave 1 outcome variables by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 79,051	Wave 2 N = 128,868
(Missing)	410 (0.5%)	432 (0.3%)
<i>Hope</i>		
Mean	8.1	7.8
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	756 (1.0%)	2,384 (1.8%)
<i>Gratitude</i>		
Mean	7.8	7.8
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	891 (1.1%)	2,512 (1.9%)
<i>Showing love/care</i>		
Mean	8.1	8.1
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	193 (0.2%)	191 (0.1%)
<i>Forgivingness, n (%)</i>		
Always	26,300 (33.3%)	33,564 (26.0%)
Often	32,555 (41.2%)	63,071 (48.9%)
Rarely	16,049 (20.3%)	26,866 (20.8%)
Never	3,856 (4.9%)	4,975 (3.9%)
(Missing)	291 (0.4%)	392 (0.3%)
<i>Charitable giving, n (%)</i>		
Yes	28,389 (35.9%)	52,756 (40.9%)
No	50,408 (63.8%)	75,765 (58.8%)
(Missing)	254 (0.3%)	347 (0.3%)
<i>Helping strangers, n (%)</i>		
Yes	45,226 (57.2%)	64,313 (49.9%)
No	33,364 (42.2%)	64,056 (49.7%)
(Missing)	461 (0.6%)	499 (0.4%)
<i>Volunteering, n (%)</i>		
Yes	19,434 (24.6%)	31,503 (24.4%)
No	59,355 (75.1%)	96,991 (75.3%)
(Missing)	262 (0.3%)	374 (0.3%)
<i>Health problems, n (%)</i>		
Yes	15,521 (19.6%)	27,488 (21.3%)
No	62,445 (79.0%)	100,885 (78.3%)
(Missing)	1,085 (1.4%)	495 (0.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	10,074 (12.7%)	14,140 (11.0%)
Some	25,050 (31.7%)	42,243 (32.8%)
Not very much	24,606 (31.1%)	43,278 (33.6%)
None at all	19,136 (24.2%)	29,035 (22.5%)
(Missing)	185 (0.2%)	172 (0.1%)
<i>Number of drinks per week</i>		
Mean	1.9	2.3
Standard Deviation	5.8	5.5
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	1,572 (2.0%)	1,451 (1.1%)

Table S4. Unweighted summary statistics for Wave 1 outcome variables by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 79,051	Wave 2 N = 128,868
<i>Days exercise per week</i>		
Mean	2.5	2.5
Standard Deviation	2.5	2.5
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	1,660 (2.1%)	1,516 (1.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	15,482 (19.6%)	18,321 (14.2%)
9-15	48,117 (60.9%)	70,512 (54.7%)
16+	15,391 (19.5%)	39,909 (31.0%)
(Missing)	61 (0.1%)	126 (0.1%)
<i>Currently employed, n (%)</i>		
Employed for an employer	27,843 (35.2%)	48,161 (37.4%)
Self-employed	15,300 (19.4%)	20,685 (16.1%)
Retired	7,109 (9.0%)	27,606 (21.4%)
Student	5,498 (7.0%)	5,412 (4.2%)
Homemaker	10,959 (13.9%)	12,169 (9.4%)
Unemployed and looking for a job	8,339 (10.5%)	8,913 (6.9%)
None of these/Other	3,436 (4.3%)	5,665 (4.4%)
(Missing)	567 (0.7%)	257 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	17,103 (21.6%)	37,978 (29.5%)
Getting by on present income	31,741 (40.2%)	55,032 (42.7%)
Finding it difficult on present income	19,169 (24.2%)	23,903 (18.5%)
Finding it very difficult on present income	9,435 (11.9%)	11,207 (8.7%)
(Missing)	1,603 (2.0%)	748 (0.6%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	43,021 (54.4%)	79,173 (61.4%)
Someone in this household rents this home	17,543 (22.2%)	21,932 (17.0%)
Both	2,888 (3.7%)	3,386 (2.6%)
Neither	10,598 (13.4%)	12,205 (9.5%)
Rent	1,322 (1.7%)	3,543 (2.7%)
Own	2,000 (2.5%)	7,833 (6.1%)
Something else	128 (0.2%)	216 (0.2%)
(Missing)	1,551 (2.0%)	580 (0.5%)
<i>Religious/spiritual connection, n (%)</i>		
Always	27,522 (34.8%)	37,737 (29.3%)
Often	20,453 (25.9%)	32,485 (25.2%)
Rarely	18,745 (23.7%)	33,097 (25.7%)
Never	12,080 (15.3%)	25,277 (19.6%)
(Missing)	251 (0.3%)	272 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	41,680 (52.7%)	62,130 (48.2%)
No	18,513 (23.4%)	32,920 (25.5%)
Unsure	18,381 (23.3%)	33,241 (25.8%)
(Missing)	477 (0.6%)	577 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	32,505 (41.1%)	42,612 (33.1%)
No	45,841 (58.0%)	85,496 (66.3%)
(Missing)	705 (0.9%)	760 (0.6%)

Table S4. Unweighted summary statistics for Wave 1 outcome variables by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 79,051	Wave 2 N = 128,868
<i>Religious reading or listening, n (%)</i>		
More than once a day	9,937 (12.6%)	12,497 (9.7%)
About once a day	13,686 (17.3%)	18,492 (14.3%)
Sometimes	29,404 (37.2%)	42,711 (33.1%)
Never	25,543 (32.3%)	54,543 (42.3%)
(Missing)	481 (0.6%)	625 (0.5%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	20,831 (26.4%)	28,626 (22.2%)
About once a day	17,468 (22.1%)	25,213 (19.6%)
Sometimes	22,474 (28.4%)	36,302 (28.2%)
Never	17,883 (22.6%)	38,385 (29.8%)
(Missing)	395 (0.5%)	342 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	49,389 (62.5%)	69,540 (54.0%)
More than one god	5,132 (6.5%)	5,966 (4.6%)
An impersonal spiritual force	6,484 (8.2%)	12,934 (10.0%)
None of these	10,573 (13.4%)	25,579 (19.8%)
Unsure	7,106 (9.0%)	14,540 (11.3%)
(Missing)	367 (0.5%)	309 (0.2%)
<i>Religious centrality, n (%)</i>		
Agree	41,742 (52.8%)	59,171 (45.9%)
Disagree	11,609 (14.7%)	21,945 (17.0%)
Not relevant	16,351 (20.7%)	33,915 (26.3%)
Unsure	8,830 (11.2%)	13,324 (10.3%)
(Missing)	519 (0.7%)	513 (0.4%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	47,739 (60.4%)	68,221 (52.9%)
Disagree	9,327 (11.8%)	17,510 (13.6%)
Not relevant	14,604 (18.5%)	31,609 (24.5%)
Unsure	6,975 (8.8%)	11,079 (8.6%)
(Missing)	406 (0.5%)	449 (0.3%)
<i>Feel loved by God, n (%)</i>		
Agree	49,839 (63.0%)	68,520 (53.2%)
Disagree	8,303 (10.5%)	16,264 (12.6%)
Not relevant	13,621 (17.2%)	30,544 (23.7%)
Unsure	6,819 (8.6%)	12,921 (10.0%)
(Missing)	469 (0.6%)	619 (0.5%)
<i>Feel punished by God, n (%)</i>		
Agree	18,255 (23.1%)	21,804 (16.9%)
Disagree	34,804 (44.0%)	62,003 (48.1%)
Not relevant	15,665 (19.8%)	30,744 (23.9%)
Unsure	9,772 (12.4%)	13,691 (10.6%)
(Missing)	555 (0.7%)	626 (0.5%)
<i>Experienced religious criticism, n (%)</i>		
Agree	17,704 (22.4%)	19,997 (15.5%)
Disagree	28,870 (36.5%)	49,432 (38.4%)
Not relevant	21,371 (27.0%)	45,354 (35.2%)
Unsure	10,585 (13.4%)	13,503 (10.5%)
(Missing)	521 (0.7%)	582 (0.5%)

Table S4. Unweighted summary statistics for Wave 1 outcome variables by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 79,051	N = 128,868
<i>Faith-sharing, n (%)</i>		
Agree	36,150 (45.7%)	49,220 (38.2%)
Disagree	17,972 (22.7%)	33,992 (26.4%)
Not relevant	17,997 (22.8%)	36,545 (28.4%)
Unsure	6,526 (8.3%)	8,691 (6.7%)
(Missing)	406 (0.5%)	420 (0.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S5. Meta-analyzed associations of secure flourishing index at Wave 2 regressed on well-being and other variables at Wave 1 for Model 1 by approach to address missingness (multiple imputation vs. complete case with attrition weights).

Exposure	Multiple Imputation				Complete Case with Attrition Weights			
	ES	95% CI	τ	Global p-value	ES	95% CI	τ	Global p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.59	(0.52,0.66)	0.17	2.22e-16***	0.54	(0.47,0.62)	0.18	2.43e-16***
Flourishing index	0.56	(0.49,0.63)	0.17	2.32e-16***	0.52	(0.45,0.59)	0.17	2.43e-16***
Happiness & life satisfaction	0.46	(0.40,0.53)	0.15	2.43e-16***	0.43	(0.36,0.49)	0.16	2.43e-16***
Physical & mental health	0.45	(0.39,0.51)	0.14	2.43e-16***	0.42	(0.36,0.48)	0.15	2.43e-16***
Meaning & purpose	0.45	(0.39,0.51)	0.15	2.43e-16***	0.42	(0.35,0.48)	0.15	2.43e-16***
Character & virtue	0.30	(0.25,0.34)	0.10	2.47e-16***	0.28	(0.23,0.33)	0.12	2.98e-16***
Close social relationships	0.40	(0.35,0.45)	0.12	2.43e-16***	0.37	(0.32,0.42)	0.12	2.43e-16***
Financial & material security	0.33	(0.29,0.37)	0.10	2.54e-16***	0.30	(0.25,0.34)	0.11	2.82e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.42	(0.36,0.49)	0.16	2.43e-16***	0.39	(0.33,0.46)	0.16	2.55e-16***
Happiness (a)	0.42	(0.36,0.48)	0.15	2.43e-16***	0.39	(0.33,0.46)	0.16	2.55e-16***
Self-rated physical health (b)	0.36	(0.32,0.40)	0.10	2.55e-16***	0.33	(0.29,0.38)	0.10	2.55e-16***
Self-rated mental health (b)	0.41	(0.35,0.48)	0.16	2.43e-16***	0.38	(0.32,0.45)	0.16	2.74e-16***
Understanding purpose (c)	0.37	(0.31,0.42)	0.13	2.43e-16***	0.34	(0.28,0.39)	0.14	2.68e-16***
Meaningful activities (c)	0.40	(0.35,0.46)	0.14	2.43e-16***	0.37	(0.31,0.43)	0.14	2.62e-16***
Orientation to promote good (d)	0.29	(0.24,0.33)	0.11	2.43e-16***	0.27	(0.22,0.32)	0.12	2.69e-16***
Delayed gratification (d)	0.21	(0.18,0.25)	0.07	3.19e-16***	0.20	(0.16,0.24)	0.09	5.05e-16***
Relationship contentment (e)	0.36	(0.31,0.42)	0.12	2.54e-16***	0.34	(0.29,0.39)	0.13	2.55e-16***
Relationship satisfaction (e)	0.38	(0.33,0.42)	0.12	2.43e-16***	0.35	(0.30,0.40)	0.12	2.43e-16***
Financial security (f)	0.31	(0.27,0.35)	0.10	2.43e-16***	0.28	(0.23,0.32)	0.10	3.32e-16***
Material security (f)	0.29	(0.25,0.33)	0.10	2.55e-16***	0.26	(0.22,0.31)	0.10	3.52e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.33	(0.27,0.39)	0.14	2.69e-16***	0.32	(0.25,0.38)	0.15	3e-16***
Future life evaluation	0.30	(0.25,0.35)	0.13	2.73e-16***	0.28	(0.23,0.34)	0.14	3.62e-16***
Optimism	0.29	(0.24,0.34)	0.13	2.69e-16***	0.27	(0.22,0.33)	0.13	3.83e-16***
Freedom to pursue what's important	0.35	(0.30,0.39)	0.11	2.43e-16***	0.32	(0.28,0.37)	0.11	2.68e-16***
Inner peace	0.21	(0.16,0.26)	0.13	4.98e-16***	0.20	(0.14,0.25)	0.13	6.38e-16***
Life balance	0.24	(0.19,0.30)	0.13	3.64e-16***	0.23	(0.18,0.28)	0.12	4.63e-16***
Sense of mastery	0.20	(0.16,0.24)	0.09	3.78e-16***	0.18	(0.15,0.22)	0.08	4.64e-16***
<i>Psychological Distress</i>								
Traumatic distress	-0.13	(-0.15,-0.11)	0.05	4.98e-16***	-0.12	(-0.14,-0.10)	0.05	1.2e-15***
Depression symptoms composite	-0.22	(-0.26,-0.18)	0.10	3.64e-16***	-0.21	(-0.25,-0.17)	0.10	5.09e-16***
Depression – feel hopeless	-0.23	(-0.26,-0.19)	0.09	3.37e-16***	-0.21	(-0.25,-0.17)	0.10	4.64e-16***
Depression – loss of interest	-0.17	(-0.21,-0.13)	0.10	4.14e-16***	-0.16	(-0.20,-0.12)	0.09	6.38e-16***
Anxiety symptoms composite	-0.22	(-0.25,-0.19)	0.08	2.98e-16***	-0.20	(-0.24,-0.17)	0.08	4.56e-16***
Anxiety – feel on edge	-0.21	(-0.24,-0.17)	0.08	3.19e-16***	-0.19	(-0.23,-0.16)	0.08	5.09e-16***
Anxiety – cannot stop worrying	-0.19	(-0.22,-0.16)	0.07	3.4e-16***	-0.18	(-0.21,-0.15)	0.07	5.45e-16***
Suffering	-0.22	(-0.25,-0.18)	0.08	3e-16***	-0.21	(-0.25,-0.17)	0.09	4.43e-16***
<i>Social Well-Being</i>								
Social support	0.25	(0.22,0.29)	0.09	2.81e-16***	0.24	(0.20,0.27)	0.09	3.92e-16***
Intimate/close friend	0.09	(0.07,0.12)	0.06	8.5e-16***	0.09	(0.06,0.12)	0.07	1.28e-15***
Government approval	0.10	(0.07,0.12)	0.06	7.29e-16***	0.09	(0.06,0.12)	0.06	1.51e-15***
Say in government	0.08	(0.06,0.10)	0.03	1.2e-15***	0.07	(0.05,0.09)	0.04	2.44e-15***
Belonging in country	0.24	(0.21,0.27)	0.07	2.68e-16***	0.22	(0.18,0.25)	0.07	4.88e-16***
City/place satisfaction	0.14	(0.11,0.17)	0.07	5.11e-16***	0.14	(0.11,0.17)	0.07	8.41e-16***
Trust within country	0.11	(0.08,0.13)	0.06	7.29e-16***	0.10	(0.08,0.13)	0.06	1.28e-15***
<i>Social Participation</i>								
Ever been married	0.06	(0.02,0.10)	0.08	5.11e-15***	0.05	(-0.01,0.10)	0.11	7.05e-12***
Currently divorced	0.01	(-0.01,0.02)	0.04	7.1e-09***	0.01	(-0.01,0.03)	0.04	1.71e-08***
Number of children	-0.01	(-0.03,0.01)	0.04	6.26e-04***	-0.01	(-0.03,0.02)	0.05	4.05e-05***
Weekly+ community participation	0.04	(0.02,0.05)	0.03	2.55e-15***	0.04	(0.02,0.05)	0.03	2.55e-15***
Weekly+ religious attendance	0.07	(0.05,0.08)	0.04	2.55e-15***	0.07	(0.05,0.09)	0.04	5.11e-15***
<i>Social Distress</i>								
Loneliness	-0.33	(-0.37,-0.28)	0.11	2.43e-16***	-0.30	(-0.35,-0.25)	0.12	2.84e-16***
Perceived discrimination	-0.07	(-0.09,-0.05)	0.04	2.55e-15***	-0.07	(-0.09,-0.05)	0.04	5.1e-15***
<i>Character & Prosocial Behavior</i>								
Hope	0.34	(0.28,0.39)	0.13	2.43e-16***	0.32	(0.26,0.37)	0.14	2.86e-16***
Gratitude	0.29	(0.25,0.34)	0.11	2.55e-16***	0.27	(0.22,0.32)	0.11	3.84e-16***
Showing love/care	0.23	(0.19,0.26)	0.08	2.78e-16***	0.21	(0.18,0.25)	0.08	5.52e-16***
Forgivingness	0.07	(0.06,0.09)	0.03	1.7e-15***	0.07	(0.05,0.09)	0.03	2.55e-15***
Charitable giving	0.04	(0.03,0.06)	0.03	5.11e-15***	0.05	(0.03,0.06)	0.02	5.11e-15***
Helping strangers	0.03	(0.02,0.04)	0.02	5.97e-05***	0.03	(0.02,0.04)	0.02	0.008*
Volunteering	0.03	(0.02,0.05)	0.03	2.55e-15***	0.03	(0.02,0.05)	0.02	1.37e-12***
<i>Physical Health & Health Behavior</i>								
Health problems	-0.13	(-0.15,-0.10)	0.06	5.55e-16***	-0.12	(-0.14,-0.09)	0.06	1.02e-15***
Pain in past 4 weeks	-0.15	(-0.17,-0.13)	0.05	3.56e-16***	-0.14	(-0.16,-0.12)	0.04	6.96e-16***
Daily smoker	-0.03	(-0.05,-0.02)	0.02	5.65e-09***	-0.03	(-0.04,-0.02)	0.02	2.06e-04***
Number of drinks per week	-0.01	(-0.02,0.00)	0.02	1.11e-03**	-0.00	(-0.01,0.01)	0.01	0.162
Days exercise per week	0.08	(0.06,0.10)	0.05	1.27e-15***	0.08	(0.06,0.10)	0.05	1.7e-15***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.04	(0.02,0.06)	0.04	1.7e-15***	0.04	(0.02,0.06)	0.06	2.52e-15***
Currently employed	0.05	(0.04,0.07)	0.03	5.11e-15***	0.05	(0.03,0.07)	0.04	6.15e-13***
Financially comfortable/getting by	0.20	(0.17,0.23)	0.07	3.26e-16***	0.18	(0.15,0.21)	0.07	5.11e-16***
Own home	0.06	(0.05,0.07)	0.02	5.1e-15***	0.06	(0.04,0.07)	0.02	6.03e-11***
Income – top quintile	0.04	(0.03,0.05)	0.02	1.12e-10***	0.04	(0.03,0.05)	<0.01†	1.18e-06***
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.09	(0.07,0.11)	0.04	2.4e-15***	0.08	(0.06,0.10)	0.05	2.54e-15***
Belief in life after death	0.02	(0.01,0.04)	0.02	1.64e-05***	0.02	(0.00,0.03)	0.02	2.69e-03**
Transformative religious experience	0.02	(0.00,0.04)	0.04	3.17e-05***	0.03	(0.00,0.05)	0.05	1.13e-03**
Religious reading or listening	0.04	(0.02,0.05)	0.04	5.22e-07***	0.04	(0.02,0.06)	0.03	9.35e-04**
Prayer or meditation	0.04	(0.02,0.06)	0.04	2.5e-10***	0.04	(0.03,0.05)	0.02	7.17e-08***
Belief in God/gods/spiritual forces	0.02	(0.00,0.03)	0.03	1.01e-07***	0.02	(0.00,0.04)	0.03	1.24e-04***
Religious centrality	0.07	(0.06,0.09)	0.03	6.11e-14***	0.06	(0.05,0.08)	0.03	8.9e-11***
Religious/spiritual comfort	0.07	(0.05,0.09)	0.03	1.91e-15***	0.06	(0.05,0.08)	0.03	5.11e-15***
Feel loved by God	0.07	(0.05,0.09)	0.04	1.7e-15***	0.07	(0.05,0.09)	0.04	2.55e-15***
Feel punished by God	-0.02	(-0.04,-0.01)	0.03	1.63e-11***	-0.02	(-0.04,-0.01)	0.03	2.42e-08***
Experienced religious criticism	-0.02	(-0.03,-0.00)	0.03	4.56e-09***	-0.02	(-0.03,-0.01)	0.02	6.71e-04**
Faith-sharing	0.04	(0.03,0.06)	0.03	5.1e-15***	0.04	(0.02,0.05)	0.02	2.6e-08***

Notes. N(multiple imputation)=207919; N(complete-case)=128868; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; CI, confidence interval; τ (tau, heterogeneity), estimated standard deviation of the distribution of effects; Global p-value, joint test of the null hypothesis that the country-specific Wald tests are null in all countries; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing to significant threshold; † Estimate of τ (tau, heterogeneity) is likely unstable.

Table S6. Meta-analyzed associations of secure flourishing index at Wave 2 regressed on well-being and other variables at Wave 1 for Model 2 by approach to address missingness (multiple imputation vs. complete case with attrition weights).

Exposure	Multiple Imputation				Complete Case with Attrition Weights			
	ES	95% CI	τ	Global p-value	ES	95% CI	τ	Global p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.46	(0.40,0.52)	0.14	2.55e-16***	0.42	(0.36,0.48)	0.14	2.76e-16***
Flourishing index	0.40	(0.34,0.45)	0.13	2.84e-16***	0.37	(0.31,0.42)	0.13	3.18e-16***
Happiness & life satisfaction	0.21	(0.17,0.24)	0.08	3.88e-16***	0.20	(0.16,0.23)	0.09	6.9e-16***
Physical & mental health	0.19	(0.16,0.22)	0.07	3.65e-16***	0.19	(0.16,0.22)	0.07	7.27e-16***
Meaning & purpose	0.21	(0.18,0.25)	0.08	4.06e-16***	0.20	(0.16,0.23)	0.07	5.98e-16***
Character & virtue	0.11	(0.09,0.13)	0.05	8.35e-16***	0.10	(0.08,0.13)	0.05	1.66e-15***
Close social relationships	0.17	(0.15,0.20)	0.05	3.92e-16***	0.16	(0.14,0.18)	0.05	1.02e-15***
Financial & material security	0.15	(0.13,0.17)	0.05	4.93e-16***	0.13	(0.10,0.15)	0.05	9.85e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.16	(0.13,0.20)	0.08	4.62e-16***	0.15	(0.12,0.19)	0.08	1.02e-15***
Happiness (a)	0.16	(0.13,0.19)	0.07	5.01e-16***	0.15	(0.12,0.18)	0.07	1.02e-15***
Self-rated physical health (b)	0.14	(0.12,0.16)	0.04	5.55e-16***	0.13	(0.11,0.15)	0.04	1.58e-15***
Self-rated mental health (b)	0.15	(0.12,0.17)	0.06	5.1e-16***	0.14	(0.11,0.17)	0.06	1.7e-15***
Understanding purpose (c)	0.15	(0.12,0.17)	0.06	4.5e-16***	0.14	(0.11,0.16)	0.06	1.27e-15***
Meaningful activities (c)	0.16	(0.13,0.18)	0.06	5.44e-16***	0.14	(0.12,0.17)	0.05	1.02e-15***
Orientation to promote good (d)	0.10	(0.08,0.12)	0.04	1.02e-15***	0.10	(0.08,0.12)	0.04	2.55e-15***
Delayed gratification (d)	0.07	(0.05,0.09)	0.04	2.43e-15***	0.07	(0.05,0.09)	0.04	5.11e-15***
Relationship contentment (e)	0.14	(0.11,0.16)	0.05	6.23e-16***	0.13	(0.11,0.15)	0.05	1.28e-15***
Relationship satisfaction (e)	0.15	(0.13,0.17)	0.05	5.63e-16***	0.13	(0.11,0.15)	0.04	1.18e-15***
Financial security (f)	0.12	(0.10,0.14)	0.05	6.38e-16***	0.11	(0.08,0.13)	0.05	9.28e-16***
Material security (f)	0.10	(0.08,0.12)	0.04	8.51e-16***	0.09	(0.07,0.11)	0.05	1.28e-15***
<i>Psychological Well-Being</i>								
Current life evaluation	0.10	(0.07,0.13)	0.06	7.19e-16***	0.10	(0.07,0.13)	0.07	1.28e-15***
Future life evaluation	0.09	(0.07,0.11)	0.05	8.51e-16***	0.09	(0.07,0.11)	0.05	1.28e-15***
Optimism	0.09	(0.07,0.11)	0.05	1.28e-15***	0.08	(0.06,0.10)	0.04	2.38e-15***
Freedom to pursue what's important	0.12	(0.10,0.14)	0.05	5.63e-16***	0.12	(0.10,0.14)	0.04	1.28e-15***
Inner peace	0.02	(0.01,0.03)	0.02	1.86e-03**	0.02	(0.01,0.03)	0.02	0.008*
Life balance	0.04	(0.03,0.06)	0.03	5.11e-15***	0.04	(0.03,0.05)	0.02	2.45e-13***
Sense of mastery	0.04	(0.03,0.05)	0.02	5.11e-15***	0.04	(0.02,0.05)	0.02	2.22e-09***
<i>Psychological Distress</i>								
Traumatic distress	-0.00	(-0.01,0.01)	0.02	0.009*	-0.00	(-0.01,0.00)	<0.01†	0.046*
Depression symptoms composite	-0.01	(-0.02,0.00)	0.02	4.38e-07***	-0.00	(-0.02,0.01)	0.02	1.31e-04***
Depression – feel hopeless	0.01	(-0.00,0.03)	0.04	4.82e-07***	0.02	(0.01,0.04)	0.02	6.81e-05***
Depression – loss of interest	0.00	(-0.01,0.01)	0.02	4.13e-03**	0.01	(-0.00,0.02)	<0.01†	0.107
Anxiety symptoms composite	0.00	(-0.01,0.01)	0.03	2.18e-07***	0.01	(0.00,0.02)	0.02	2.37e-05***
Anxiety – feel on edge	0.02	(0.00,0.03)	0.03	5.11e-15***	0.03	(0.01,0.04)	0.02	5.11e-15***
Anxiety – cannot stop worrying	0.02	(0.01,0.04)	0.03	5.11e-15***	0.03	(0.01,0.04)	0.03	8.49e-11***
Suffering	-0.03	(-0.04,-0.02)	0.03	5.11e-15***	-0.04	(-0.05,-0.02)	0.02	4.29e-12***
<i>Social Well-Being</i>								
Social support	0.06	(0.05,0.08)	0.03	1.28e-15***	0.06	(0.05,0.08)	0.03	5.11e-15***
Intimate/close friend	0.02	(0.01,0.03)	0.02	3.19e-06***	0.02	(0.01,0.03)	0.01	2.09e-04***
Government approval	0.02	(0.01,0.03)	0.02	5.76e-04***	0.02	(0.01,0.03)	0.01	1.7e-03**
Say in government	0.01	(0.00,0.02)	0.02	4.51e-04***	0.01	(0.00,0.02)	0.02	0.008*
Belonging in country	0.06	(0.04,0.07)	0.02	4.88e-15***	0.05	(0.04,0.06)	0.02	4.88e-15***
City/place satisfaction	0.04	(0.03,0.05)	0.02	4.39e-12***	0.04	(0.03,0.05)	0.01	4.32e-08***
Trust within country	0.03	(0.02,0.04)	0.02	7.6e-08***	0.02	(0.01,0.04)	0.02	5.75e-04***
<i>Social Participation</i>								
Ever been married	0.05	(0.02,0.08)	0.05	1.6e-07***	0.03	(-0.01,0.07)	0.07	2.18e-05***
Currently divorced	0.01	(-0.00,0.02)	0.01	0.078	0.01	(-0.01,0.02)	0.02	0.079
Number of children	-0.01	(-0.02,0.00)	0.02	0.014*	-0.01	(-0.02,0.01)	0.03	0.010*
Weekly+ community participation	0.01	(0.01,0.02)	0.01	1.12e-05***	0.01	(0.00,0.02)	0.01	7.46e-06***
Weekly+ religious attendance	0.02	(0.01,0.03)	0.01	1.85e-05***	0.02	(0.01,0.03)	0.01	0.015*
<i>Social Distress</i>								
Loneliness	-0.11	(-0.13,-0.09)	0.05	7.28e-16***	-0.10	(-0.13,-0.08)	0.04	1.28e-15***
Perceived discrimination	-0.01	(-0.02,0.00)	0.01	0.101	-0.01	(-0.02,-0.00)	<0.01†	0.580
<i>Character & Prosocial Behavior</i>								
Hope	0.12	(0.10,0.14)	0.04	8.51e-16***	0.11	(0.09,0.13)	0.04	1.27e-15***
Gratitude	0.10	(0.08,0.11)	0.04	1.02e-15***	0.09	(0.07,0.11)	0.04	1.63e-15***
Showing love/care	0.06	(0.05,0.08)	0.03	5.09e-15***	0.06	(0.05,0.07)	0.02	5.11e-15***
Forgivingness	0.02	(0.01,0.02)	0.01	1.9e-03**	0.01	(0.01,0.02)	0.01	0.038*
Charitable giving	0.02	(0.01,0.02)	0.01	3.12e-08***	0.01	(0.00,0.02)	<0.01†	1.8e-05***
Helping strangers	0.02	(0.01,0.02)	0.01	4.08e-03**	0.01	(0.00,0.02)	<0.01†	0.400
Volunteering	0.01	(-0.00,0.02)	0.03	1.32e-07***	0.01	(-0.00,0.02)	0.02	1.2e-05***
<i>Physical Health & Health Behavior</i>								
Health problems	-0.03	(-0.05,-0.02)	0.03	2.55e-15***	-0.03	(-0.05,-0.02)	0.03	1.95e-11***
Pain in past 4 weeks	-0.02	(-0.03,-0.01)	0.02	2.59e-07***	-0.03	(-0.03,-0.02)	<0.01†	3.66e-06***
Daily smoker	-0.02	(-0.02,-0.01)	0.01	7.53e-05***	-0.01	(-0.02,-0.01)	<0.01†	0.017*
Number of drinks per week	-0.00	(-0.01,0.01)	0.02	1.3e-03**	0.01	(-0.00,0.01)	0.02	0.031*
Days exercise per week	0.02	(0.01,0.04)	0.03	2.97e-12***	0.03	(0.02,0.04)	0.02	3.47e-09***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.02	(0.01,0.03)	0.03	5.11e-15***	0.02	(0.01,0.04)	0.04	5.11e-15***
Currently employed	0.01	(-0.01,0.02)	0.03	4.88e-08***	0.01	(-0.00,0.03)	0.03	2.96e-03**
Financially comfortable/getting by	0.07	(0.05,0.08)	0.03	1.7e-15***	0.06	(0.05,0.07)	0.02	2.55e-15***
Own home	0.02	(0.01,0.03)	0.02	1.23e-05***	0.02	(0.01,0.03)	0.01	3.06e-05***
Income – top quintile	0.01	(0.00,0.02)	0.01	1.06e-04***	0.01	(0.01,0.02)	<0.01†	0.007*
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.03	(0.02,0.04)	0.02	1.21e-05***	0.02	(0.01,0.03)	0.02	9.42e-04**
Belief in life after death	0.01	(-0.00,0.01)	<0.01†	0.012*	0.00	(-0.01,0.01)	0.01	0.108
Transformative religious experience	0.02	(0.01,0.03)	0.02	0.009*	0.02	(0.01,0.03)	0.02	0.032*
Religious reading or listening	0.02	(0.01,0.04)	0.02	2.22e-07***	0.02	(0.01,0.04)	0.02	4.03e-07***
Prayer or meditation	0.02	(0.01,0.03)	<0.01†	0.020*	0.02	(0.01,0.02)	<0.01†	0.119
Belief in God/gods/spiritual forces	0.01	(-0.00,0.02)	0.02	4.57e-04***	0.01	(-0.00,0.02)	0.02	5.31e-04***
Religious centrality	0.03	(0.02,0.04)	0.02	4.4e-07***	0.03	(0.01,0.04)	0.02	1.06e-05***
Religious/spiritual comfort	0.03	(0.02,0.04)	0.02	6.02e-09***	0.03	(0.01,0.04)	0.03	1.84e-04***
Feel loved by God	0.03	(0.01,0.04)	0.02	2.53e-06***	0.02	(0.01,0.03)	0.01	3.81e-03**
Feel punished by God	0.00	(-0.01,0.01)	0.02	3.52e-04***	0.01	(-0.00,0.02)	0.02	5.26e-04***
Experienced religious criticism	-0.00	(-0.01,0.01)	0.02	0.040*	-0.00	(-0.01,0.00)	0.01	0.323
Faith-sharing	0.02	(0.01,0.03)	0.02	8.3e-04**	0.01	(0.00,0.02)	0.01	0.022*

Notes. N(multiple imputation)=207919; N(complete-case)=128868; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; CI, confidence interval; τ (tau, heterogeneity), estimated standard deviation of the distribution of effects; Global p-value, joint test of the null hypothesis that the country-specific Wald tests are null in all countries; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For the PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing to significant threshold; † Estimate of τ (tau, heterogeneity) is likely unstable.

Table S7. secure flourishing index for comparing estimated E-values across models and how missingness at Wave 2 was handled.

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.81	2.59	2.40	2.23	2.66	2.43	2.28	2.11
Flourishing index	2.72	2.51	2.23	2.08	2.59	2.37	2.14	1.99
Happiness & life satisfaction	2.42	2.24	1.71	1.61	2.32	2.13	1.68	1.58
Physical & mental health	2.38	2.20	1.67	1.59	2.28	2.11	1.65	1.57
Meaning & purpose	2.39	2.21	1.72	1.63	2.28	2.10	1.68	1.59
Character & virtue	1.94	1.83	1.44	1.38	1.89	1.76	1.43	1.37
Close social relationships	2.24	2.10	1.62	1.56	2.15	2.01	1.58	1.52
Financial & material security	2.03	1.92	1.55	1.49	1.95	1.82	1.50	1.43
Individual Flourishing Index Items								
Life satisfaction	2.30	2.12	1.59	1.50	2.21	2.02	1.57	1.47
Happiness	2.30	2.12	1.57	1.50	2.22	2.03	1.56	1.48
Self-rated physical health	2.12	2.01	1.52	1.47	2.05	1.93	1.51	1.46
Self-rated mental health	2.26	2.08	1.54	1.47	2.18	2.00	1.52	1.45
Understanding purpose	2.14	1.99	1.55	1.48	2.06	1.90	1.52	1.45
Meaningful activities	2.24	2.08	1.57	1.50	2.15	1.98	1.54	1.47
Orientation to promote good	1.92	1.80	1.42	1.37	1.87	1.74	1.41	1.35
Delayed gratification	1.73	1.64	1.33	1.28	1.69	1.59	1.32	1.27
Relationship contentment	2.13	1.99	1.52	1.46	2.06	1.92	1.50	1.43
Relationship satisfaction	2.17	2.03	1.54	1.49	2.08	1.95	1.51	1.46
Financial security	1.97	1.86	1.48	1.42	1.89	1.78	1.44	1.37
Material security	1.93	1.82	1.42	1.37	1.86	1.75	1.40	1.33
Psychological Well-Being								
Current life evaluation	2.05	1.88	1.42	1.34	2.00	1.83	1.43	1.34
Future life evaluation	1.96	1.81	1.40	1.33	1.92	1.76	1.39	1.32
Optimism	1.93	1.79	1.38	1.32	1.88	1.74	1.36	1.30
Freedom to pursue what's important	2.08	1.96	1.47	1.42	2.02	1.89	1.46	1.41
Inner peace	1.77	1.61	1.18	1.13	1.73	1.57	1.16	1.09
Life balance	1.87	1.72	1.26	1.21	1.84	1.68	1.24	1.19
Sense of mastery	1.74	1.64	1.26	1.22	1.70	1.59	1.23	1.18
Psychological Distress								
Traumatic distress	1.53	1.47	1.06	1.00	1.50	1.44	1.06	1.00
Depression symptoms composite	1.81	1.69	1.09	1.00	1.76	1.64	1.05	1.00
Depression – feel hopeless	1.82	1.70	1.12	1.00	1.76	1.64	1.17	1.09
Depression – loss of interest	1.65	1.53	1.06	1.00	1.63	1.51	1.09	1.00
Anxiety symptoms composite	1.81	1.71	1.05	1.00	1.75	1.65	1.12	1.01
Anxiety – feel on edge	1.77	1.67	1.16	1.07	1.72	1.62	1.19	1.13
Anxiety – cannot stop worrying	1.73	1.64	1.17	1.08	1.69	1.60	1.19	1.11
Suffering	1.79	1.69	1.21	1.15	1.77	1.66	1.23	1.18
Social Well-Being								
Social support	1.83	1.73	1.31	1.27	1.79	1.69	1.31	1.26
Intimate/close friend	1.43	1.34	1.16	1.11	1.42	1.33	1.16	1.11
Government approval	1.43	1.35	1.15	1.10	1.42	1.33	1.16	1.11
Say in government	1.38	1.33	1.14	1.07	1.37	1.30	1.12	1.03
Belonging in country	1.79	1.71	1.29	1.25	1.74	1.65	1.27	1.24
City/place satisfaction	1.57	1.48	1.24	1.20	1.56	1.47	1.25	1.21
Trust within country	1.47	1.39	1.19	1.14	1.45	1.37	1.19	1.13
Social Participation								
Ever been married	1.33	1.18	1.28	1.18	1.27	1.00	1.21	1.00
Currently divorced	1.08	1.00	1.09	1.00	1.11	1.00	1.08	1.00
Number of children	1.11	1.00	1.09	1.00	1.07	1.00	1.08	1.00
Weekly+ community participation	1.24	1.17	1.13	1.08	1.24	1.18	1.13	1.08
Weekly+ religious attendance	1.34	1.28	1.16	1.11	1.34	1.27	1.15	1.09
Social Distress								
Loneliness	2.02	1.90	1.45	1.39	1.96	1.83	1.43	1.37
Perceived discrimination	1.35	1.29	1.09	1.00	1.35	1.28	1.10	1.05
Character & Prosocial Behavior								
Hope	2.06	1.92	1.47	1.41	2.00	1.85	1.44	1.39
Gratitude	1.94	1.81	1.41	1.35	1.88	1.75	1.39	1.33
Showing love/care	1.76	1.67	1.31	1.27	1.72	1.63	1.29	1.26
Forgivingness	1.36	1.31	1.14	1.09	1.35	1.30	1.13	1.08
Charitable giving	1.26	1.21	1.14	1.09	1.27	1.22	1.12	1.07
Helping strangers	1.21	1.16	1.14	1.09	1.20	1.15	1.09	1.01
Volunteering	1.22	1.17	1.11	1.00	1.22	1.17	1.09	1.00
Physical Health & Health Behavior								
Health problems	1.53	1.45	1.22	1.16	1.49	1.41	1.22	1.16
Pain in past 4 weeks	1.60	1.54	1.17	1.13	1.57	1.51	1.19	1.15
Daily smoker	1.23	1.18	1.14	1.10	1.21	1.16	1.13	1.08
Number of drinks per week	1.10	1.00	1.05	1.00	1.02	1.00	1.07	1.00
Days exercise per week	1.36	1.30	1.17	1.12	1.36	1.29	1.18	1.14
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.25	1.18	1.17	1.09	1.25	1.14	1.17	1.08
Currently employed	1.30	1.24	1.09	1.00	1.29	1.22	1.13	1.00
Financially comfortable/getting by	1.74	1.65	1.34	1.29	1.69	1.60	1.32	1.28
Own home	1.32	1.27	1.17	1.11	1.31	1.26	1.18	1.13
Income – top quintile	1.25	1.20	1.11	1.06	1.26	1.22	1.14	1.10
Religion & Spirituality								
Religious/spiritual connection	1.40	1.34	1.20	1.15	1.38	1.31	1.18	1.13
Belief in life after death	1.18	1.12	1.09	1.00	1.14	1.07	1.01	1.00
Transformative religious experience	1.17	1.07	1.16	1.11	1.19	1.07	1.16	1.09
Religious reading or listening	1.23	1.15	1.18	1.12	1.25	1.18	1.18	1.12
Prayer or meditation	1.24	1.17	1.16	1.12	1.24	1.19	1.15	1.11
Belief in God/gods/spiritual forces	1.16	1.06	1.10	1.00	1.16	1.03	1.11	1.00
Religious centrality	1.35	1.30	1.22	1.18	1.33	1.27	1.19	1.14
Religious/spiritual comfort	1.35	1.30	1.21	1.17	1.33	1.28	1.19	1.11
Feel loved by God	1.36	1.29	1.19	1.14	1.34	1.27	1.18	1.13
Feel punished by God	1.17	1.09	1.07	1.00	1.18	1.09	1.08	1.00
Experienced religious criticism	1.16	1.06	1.07	1.00	1.17	1.10	1.07	1.00
Faith-sharing	1.26	1.20	1.15	1.09	1.23	1.18	1.13	1.08

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S8. Unstandardized effects sizes for the raw scores on secure flourishing index (multiple imputation results only).

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	τ	Global p-value	ES	95% CI	τ	Global p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.53	(0.46,0.61)	0.17	2.22e-16***	0.42	(0.36,0.47)	0.14	2.55e-16***
Flourishing index	0.51	(0.44,0.58)	0.17	2.32e-16***	0.36	(0.31,0.41)	0.13	2.84e-16***
Happiness & life satisfaction	0.32	(0.26,0.37)	0.14	2.43e-16***	0.14	(0.11,0.17)	0.07	3.88e-16***
Physical & mental health	0.33	(0.28,0.38)	0.13	2.43e-16***	0.14	(0.12,0.17)	0.06	3.65e-16***
Meaning & purpose	0.32	(0.27,0.37)	0.11	2.43e-16***	0.15	(0.13,0.17)	0.06	4.06e-16***
Character & virtue	0.24	(0.20,0.29)	0.11	2.47e-16***	0.09	(0.07,0.11)	0.04	8.35e-16***
Close social relationships	0.26	(0.22,0.30)	0.09	2.43e-16***	0.11	(0.10,0.13)	0.04	3.92e-16***
Financial & material security	0.16	(0.13,0.20)	0.07	2.54e-16***	0.07	(0.06,0.09)	0.03	4.93e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.26	(0.21,0.31)	0.13	2.43e-16***	0.10	(0.07,0.12)	0.06	4.62e-16***
Happiness (a)	0.28	(0.22,0.34)	0.14	2.43e-16***	0.10	(0.08,0.13)	0.06	5.01e-16***
Self-rated physical health (b)	0.23	(0.19,0.27)	0.09	2.55e-16***	0.09	(0.07,0.10)	0.03	5.55e-16***
Self-rated mental health (b)	0.26	(0.22,0.31)	0.11	2.43e-16***	0.09	(0.07,0.11)	0.04	5.1e-16***
Understanding purpose (c)	0.22	(0.19,0.26)	0.09	2.43e-16***	0.09	(0.07,0.11)	0.04	4.5e-16***
Meaningful activities (c)	0.26	(0.21,0.30)	0.11	2.43e-16***	0.10	(0.08,0.12)	0.04	5.44e-16***
Orientation to promote good (d)	0.22	(0.17,0.26)	0.10	2.43e-16***	0.08	(0.06,0.09)	0.04	1.02e-15***
Delayed gratification (d)	0.14	(0.11,0.17)	0.07	3.19e-16***	0.05	(0.03,0.06)	0.03	2.43e-15***
Relationship contentment (e)	0.23	(0.19,0.27)	0.10	2.54e-16***	0.08	(0.07,0.10)	0.04	6.23e-16***
Relationship satisfaction (e)	0.22	(0.19,0.26)	0.09	2.43e-16***	0.08	(0.07,0.10)	0.03	5.63e-16***
Financial security (f)	0.14	(0.11,0.17)	0.06	2.43e-16***	0.05	(0.04,0.07)	0.03	6.38e-16***
Material security (f)	0.14	(0.11,0.17)	0.07	2.55e-16***	0.05	(0.04,0.06)	0.03	8.51e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.23	(0.17,0.29)	0.14	2.69e-16***	0.07	(0.04,0.09)	0.06	7.19e-16***
Future life evaluation	0.21	(0.16,0.25)	0.12	2.73e-16***	0.06	(0.04,0.08)	0.04	8.51e-16***
Optimism	0.19	(0.16,0.23)	0.09	2.69e-16***	0.06	(0.04,0.07)	0.03	1.28e-15***
Freedom to pursue what's important	0.21	(0.18,0.25)	0.08	2.43e-16***	0.07	(0.06,0.09)	0.03	5.63e-16***
Inner peace	0.73	(0.52,0.93)	0.51	4.98e-16***	0.08	(0.04,0.11)	0.06	1.86e-03**
Life balance	0.80	(0.61,0.99)	0.47	3.64e-16***	0.14	(0.09,0.18)	0.09	5.11e-15***
Sense of mastery	0.76	(0.60,0.92)	0.39	3.78e-16***	0.16	(0.12,0.19)	0.06	5.11e-15***
<i>Psychological Distress</i>								
Traumatic distress	-0.39	(-0.46,-0.32)	0.17	4.98e-16***	-0.01	(-0.04,0.02)	0.05	0.009*
Depression symptoms composite	-0.73	(-0.89,-0.56)	0.40	3.64e-16***	-0.02	(-0.05,0.01)	0.06	4.38e-07***
Depression – feel hopeless	-0.81	(-0.98,-0.64)	0.42	3.37e-16***	0.05	(-0.01,0.11)	0.13	4.82e-07***
Depression – loss of interest	-0.57	(-0.73,-0.41)	0.39	4.14e-16***	0.01	(-0.02,0.04)	0.06	4.13e-03**
Anxiety symptoms composite	-0.74	(-0.87,-0.60)	0.33	2.98e-16***	0.01	(-0.03,0.05)	0.09	2.18e-07***
Anxiety – feel on edge	-0.72	(-0.86,-0.58)	0.33	3.19e-16***	0.07	(0.02,0.12)	0.11	5.11e-15***
Anxiety – cannot stop worrying	-0.70	(-0.84,-0.56)	0.34	3.4e-16***	0.08	(0.02,0.13)	0.13	5.11e-15***
Suffering	-0.64	(-0.75,-0.52)	0.28	3e-16***	-0.09	(-0.13,-0.05)	0.08	5.11e-15***
<i>Social Well-Being</i>								
Social support	0.14	(0.12,0.17)	0.07	2.81e-16***	0.04	(0.03,0.05)	0.02	1.28e-15***
Intimate/close friend	0.37	(0.26,0.48)	0.27	8.5e-16***	0.07	(0.04,0.11)	0.07	3.19e-06***
Government approval	0.31	(0.22,0.40)	0.21	7.29e-16***	0.06	(0.03,0.09)	0.06	5.76e-04***
Say in government	0.25	(0.19,0.31)	0.13	1.2e-15***	0.05	(0.02,0.08)	0.06	4.51e-04***
Belonging in country	0.14	(0.12,0.17)	0.06	2.68e-16***	0.03	(0.03,0.04)	0.01	4.88e-15***
City/place satisfaction	0.49	(0.39,0.58)	0.23	5.11e-16***	0.13	(0.10,0.17)	0.07	4.39e-12***
Trust within country	0.35	(0.26,0.43)	0.21	7.29e-16***	0.08	(0.05,0.11)	0.05	7.6e-08***
<i>Social Participation</i>								
Ever been married	0.20	(0.07,0.32)	0.27	5.11e-15***	0.15	(0.07,0.23)	0.15	1.6e-07***
Currently divorced	0.03	(-0.10,0.16)	0.27	7.1e-09***	0.05	(-0.03,0.13)	0.15	0.078
Number of children	-0.01	(-0.03,0.01)	0.05	6.26e-04***	-0.01	(-0.02,0.00)	0.02	0.014*
Weekly+ community participation	0.14	(0.08,0.21)	0.14	2.55e-15***	0.05	(0.02,0.08)	0.05	1.12e-05***
Weekly+ religious attendance	0.24	(0.18,0.30)	0.14	2.55e-15***	0.07	(0.05,0.10)	0.03	1.85e-05***
<i>Social Distress</i>								
Loneliness	-0.16	(-0.19,-0.13)	0.07	2.43e-16***	-0.05	(-0.07,-0.04)	0.03	7.28e-16***
Perceived discrimination	-0.24	(-0.30,-0.17)	0.15	2.55e-15***	-0.03	(-0.05,0.00)	0.05	0.101
<i>Character & Prosocial Behavior</i>								
Hope	0.24	(0.20,0.28)	0.10	2.43e-16***	0.08	(0.07,0.10)	0.03	8.51e-16***
Gratitude	0.19	(0.15,0.22)	0.09	2.55e-16***	0.06	(0.05,0.07)	0.03	1.02e-15***
Showing love/care	0.16	(0.13,0.18)	0.06	2.78e-16***	0.04	(0.03,0.05)	0.02	5.09e-15***
Forgivingness	0.24	(0.19,0.28)	0.10	1.7e-15***	0.05	(0.02,0.07)	0.04	1.9e-03**
Charitable giving	0.14	(0.10,0.18)	0.09	5.11e-15***	0.05	(0.02,0.07)	0.04	3.12e-08***
Helping strangers	0.09	(0.06,0.12)	0.06	5.97e-05***	0.05	(0.02,0.07)	0.04	4.08e-03**
Volunteering	0.12	(0.07,0.18)	0.11	2.55e-15***	0.04	(-0.01,0.08)	0.10	1.32e-07***
<i>Physical Health & Health Behavior</i>								
Health problems	-0.45	(-0.54,-0.36)	0.21	5.55e-16***	-0.12	(-0.16,-0.07)	0.10	2.55e-15***
Pain in past 4 weeks	-0.44	(-0.51,-0.37)	0.16	3.56e-16***	-0.06	(-0.09,-0.04)	0.05	2.59e-07***
Daily smoker	-0.14	(-0.19,-0.09)	0.10	5.65e-09***	-0.06	(-0.08,-0.03)	0.04	7.53e-05***
Number of drinks per week	-0.00	(-0.01,0.00)	0.01	1.11e-03**	-0.00	(-0.01,0.00)	<0.01†	1.3e-03**
Days exercise per week	0.05	(0.03,0.06)	0.03	1.27e-15***	0.01	(0.01,0.02)	0.02	2.97e-12***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.17	(0.09,0.24)	0.17	1.7e-15***	0.09	(0.03,0.14)	0.12	5.11e-15***
Currently employed	0.16	(0.11,0.21)	0.11	5.11e-15***	0.02	(-0.02,0.06)	0.08	4.88e-08***
Financially comfortable/getting by	0.67	(0.53,0.81)	0.33	3.26e-16***	0.22	(0.16,0.27)	0.11	1.7e-15***
Own home	0.18	(0.14,0.22)	0.08	5.1e-15***	0.06	(0.03,0.10)	0.07	1.23e-05***
Income – top quintile	0.14	(0.10,0.18)	0.07	1.12e-10***	0.04	(0.01,0.06)	0.04	1.06e-04***
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.28	(0.21,0.34)	0.15	2.4e-15***	0.09	(0.05,0.13)	0.08	1.21e-05***
Belief in life after death	0.07	(0.04,0.11)	0.07	1.64e-05***	0.02	(-0.00,0.04)	0.03	0.012*
Transformative religious experience	0.07	(0.01,0.13)	0.13	3.17e-05***	0.06	(0.03,0.09)	0.05	0.009*
Religious reading or listening	0.13	(0.06,0.21)	0.16	5.22e-07***	0.09	(0.04,0.14)	0.10	2.22e-07***
Prayer or meditation	0.13	(0.08,0.18)	0.11	2.5e-10***	0.07	(0.04,0.09)	0.02	0.020*
Belief in God/gods/spiritual forces	0.09	(0.02,0.17)	0.15	1.01e-07***	0.03	(-0.02,0.09)	0.10	4.57e-04***
Religious centrality	0.25	(0.20,0.30)	0.11	6.11e-14***	0.11	(0.08,0.15)	0.06	4.4e-07***
Religious/spiritual comfort	0.27	(0.21,0.33)	0.12	1.91e-15***	0.12	(0.07,0.17)	0.09	6.02e-09***
Feel loved by God	0.28	(0.21,0.34)	0.14	1.7e-15***	0.10	(0.05,0.14)	0.08	2.53e-06***
Feel punished by God	-0.10	(-0.17,-0.02)	0.16	1.63e-11***	0.01	(-0.02,0.05)	0.07	3.52e-04***
Experienced religious criticism	-0.08	(-0.15,-0.01)	0.15	4.56e-09***	-0.01	(-0.05,0.02)	0.07	0.040*
Faith-sharing	0.16	(0.09,0.22)	0.14	5.1e-15***	0.06	(0.03,0.10)	0.08	8.3e-04**

Notes. N(multiple imputation)=207919; N(complete-case)=128868; RR, risk-ratio, null effect is 1.00; ES, effect size measure for unstandardized regression coefficient, null effect is 0.00; CI, confidence interval; τ (tau, heterogeneity), estimated standard deviation of the distribution of effects; Global p-value, joint test of the null hypothesis that the country-specific Wald tests are null in all countries; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For the PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing to significant threshold; † Estimate of τ (tau, heterogeneity) is likely unstable.

Table S9a. Weighted summary statistics for demographic and childhood variables in Argentina

Characteristic	Wave 1 N = 6,724	Wave 2 N = 2,876
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	111 (1.6%)	60 (2.1%)
1943-1953 (current age: 70-79 years)	338 (5.0%)	166 (5.8%)
1953-1963 (current age: 60-69 years)	703 (10.5%)	329 (11.5%)
1963-1973 (current age: 50-59 years)	982 (14.6%)	453 (15.8%)
1973-1983 (current age: 40-49 years)	1,220 (18.1%)	571 (19.8%)
1983-1993 (current age: 30-39 years)	1,434 (21.3%)	612 (21.3%)
1993-1998 (current age: 25-29 years)	724 (10.8%)	297 (10.3%)
1998-2005 (current age: 18-24 years)	1,212 (18.0%)	387 (13.5%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	41.8	43.8
Standard Deviation	16.7	16.6
Min, Max	18.0, 99.0	18.0, 96.0
<i>Gender, n (%)</i>		
Male	3,159 (47.0%)	1,326 (46.1%)
Female	3,526 (52.4%)	1,530 (53.2%)
Other	20 (0.3%)	7 (0.2%)
(Missing)	19 (0.3%)	13 (0.4%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	2,446 (36.4%)	1,006 (35.0%)
Married	1,523 (22.7%)	741 (25.8%)
Separated	445 (6.6%)	181 (6.3%)
Divorced	306 (4.6%)	134 (4.7%)
Widowed	395 (5.9%)	168 (5.9%)
Domestic partner	1,522 (22.6%)	620 (21.5%)
(Missing)	88 (1.3%)	25 (0.9%)
<i>Education (years), n (%)</i>		
Up to 8	2,258 (33.6%)	703 (24.5%)
9-15	3,856 (57.4%)	1,885 (65.5%)
16+	607 (9.0%)	287 (10.0%)
(Missing)	3 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	2,499 (37.2%)	925 (32.2%)
Self-employed	1,751 (26.0%)	886 (30.8%)
Retired	734 (10.9%)	360 (12.5%)
Student	358 (5.3%)	142 (4.9%)
Homemaker	618 (9.2%)	260 (9.0%)
Unemployed and looking for a job	561 (8.3%)	185 (6.4%)
None of these/Other	180 (2.7%)	63 (2.2%)
(Missing)	22 (0.3%)	55 (1.9%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	519 (7.7%)	240 (8.3%)
Once a week	771 (11.5%)	258 (9.0%)
One to three times a month	464 (6.9%)	174 (6.0%)
A few times a year	1,927 (28.7%)	856 (29.8%)
Never	3,014 (44.8%)	1,341 (46.6%)
(Missing)	28 (0.4%)	7 (0.2%)
<i>Immigration status, n (%)</i>		
Born in this country	6,338 (94.3%)	2,720 (94.6%)

Table S9a. Weighted summary statistics for demographic and childhood variables in Argentina

Characteristic	Wave 1 N = 6,724	Wave 2 N = 2,876
Born in another country	357 (5.3%)	151 (5.3%)
(Missing)	29 (0.4%)	4 (0.1%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	4,071 (60.5%)	1,821 (63.3%)
Parents were divorced	636 (9.5%)	278 (9.7%)
Parents were never married	1,395 (20.7%)	554 (19.3%)
One or both of them had died	199 (3.0%)	106 (3.7%)
Unsure	238 (3.5%)	75 (2.6%)
(Missing)	186 (2.8%)	42 (1.5%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	2,594 (38.6%)	1,045 (36.3%)
One to three times a month	1,216 (18.1%)	520 (18.1%)
Less than once a month	1,056 (15.7%)	487 (16.9%)
Never	1,806 (26.9%)	801 (27.8%)
(Missing)	53 (0.8%)	23 (0.8%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	4,440 (66.0%)	1,841 (64.0%)
Somewhat good	1,445 (21.5%)	670 (23.3%)
Somewhat bad	310 (4.6%)	140 (4.9%)
Very bad	218 (3.2%)	85 (2.9%)
(Does not apply)	273 (4.1%)	124 (4.3%)
(Missing)	37 (0.6%)	17 (0.6%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	3,557 (52.9%)	1,563 (54.3%)
Somewhat good	1,550 (23.0%)	648 (22.5%)
Somewhat bad	452 (6.7%)	213 (7.4%)
Very bad	417 (6.2%)	173 (6.0%)
(Does not apply)	711 (10.6%)	271 (9.4%)
(Missing)	37 (0.6%)	8 (0.3%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,217 (18.1%)	489 (17.0%)
No	5,399 (80.3%)	2,340 (81.4%)
(Missing)	109 (1.6%)	47 (1.6%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	1,312 (19.5%)	573 (19.9%)
No	5,260 (78.2%)	2,274 (79.1%)
(Missing)	153 (2.3%)	29 (1.0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,401 (35.7%)	998 (34.7%)
Very good	1,814 (27.0%)	797 (27.7%)
Good	1,827 (27.2%)	796 (27.7%)
Fair	515 (7.7%)	224 (7.8%)
Poor	153 (2.3%)	58 (2.0%)
(Missing)	14 (0.2%)	3 (0.1%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	2,037 (30.3%)	806 (28.0%)
Got by	2,305 (34.3%)	1,015 (35.3%)
Found it difficult	1,786 (26.6%)	793 (27.6%)
Found it very difficult	576 (8.6%)	252 (8.7%)
(Missing)	20 (0.3%)	9 (0.3%)

Table S9a. Weighted summary statistics for demographic and childhood variables in Argentina

Characteristic	Wave 1 N = 6,724	Wave 2 N = 2,876
<i>Religious affiliation growing up, n (%)</i>		
Christianity	5,790 (86.1%)	2,522 (87.7%)
Taoism	1 (0.0%)	1 (0.0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	17 (0.2%)	5 (0.2%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	11 (0.2%)	0 (0.0%)
Hinduism	3 (0.0%)	0 (0%)
Buddhism	3 (0.0%)	1 (0.0%)
Judaism	49 (0.7%)	20 (0.7%)
Sikhism	4 (0.1%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	11 (0.2%)	10 (0.4%)
No religion/Atheist/Agnostic	705 (10.5%)	274 (9.5%)
(Missing)	130 (1.9%)	43 (1.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S9b. Weighted summary statistics for exposure and outcome variables in Argentina

Outcome	Wave 1 N = 6,724	Wave 2 N = 2,876
<i>Secure flourishing index</i>		
Mean	7.1	7.1
Standard Deviation	1.5	1.4
Min, Max	0.4, 10.0	0.4, 10.0
(Missing)	207 (3.1%)	55 (1.9%)
<i>Flourishing index</i>		
Mean	7.8	7.7
Standard Deviation	1.5	1.4
Min, Max	0.5, 10.0	0.0, 10.0
(Missing)	191 (2.8%)	49 (1.7%)
<i>Happiness & life satisfaction</i>		
Mean	7.3	7.1
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.5%)	5 (0.2%)
<i>Physical & mental health</i>		
Mean	7.6	7.3
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.3%)	11 (0.4%)
<i>Meaning & purpose</i>		
Mean	7.9	7.8
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	45 (0.7%)	12 (0.4%)
<i>Character & virtue</i>		
Mean	8.4	8.2
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	68 (1.0%)	15 (0.5%)
<i>Close social relationships</i>		
Mean	7.8	7.8
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (0.6%)	14 (0.5%)
<i>Financial & material security</i>		
Mean	3.9	4.1
Standard Deviation	3.5	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.3%)	6 (0.2%)
<i>Life satisfaction</i>		
Mean	7.2	7.1
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	4 (0.1%)
<i>Happiness</i>		
Mean	7.4	7.1
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	2 (<0.1%)
<i>Self-rated physical health</i>		

Table S9b. Weighted summary statistics for exposure and outcome variables in Argentina

Outcome	Wave 1 N = 6,724	Wave 2 N = 2,876
Mean	7.3	7.0
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (<0.1%)	10 (0.3%)
<i>Self-rated mental health</i>		
Mean	7.9	7.7
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.3%)	2 (<0.1%)
<i>Understanding purpose</i>		
Mean	7.9	7.7
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (0.5%)	7 (0.3%)
<i>Meaningful activities</i>		
Mean	7.9	7.9
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	5 (0.2%)
<i>Orientation to promote good</i>		
Mean	8.6	8.6
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.3%)	1 (<0.1%)
<i>Delayed gratification</i>		
Mean	8.1	7.9
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	60 (0.9%)	14 (0.5%)
<i>Relationship contentment</i>		
Mean	8.0	8.1
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	10 (0.4%)
<i>Relationship satisfaction</i>		
Mean	7.6	7.5
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.5%)	7 (0.2%)
<i>Financial security</i>		
Mean	3.9	4.1
Standard Deviation	3.7	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	5 (0.2%)
<i>Material security</i>		
Mean	3.8	4.1
Standard Deviation	3.7	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.1%)	2 (<0.1%)
<i>Current life evaluation</i>		
Mean	6.7	6.6

Table S9b. Weighted summary statistics for exposure and outcome variables in Argentina

Outcome	Wave 1 N = 6,724	Wave 2 N = 2,876
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.1%)	1 (<0.1%)
<i>Future life evaluation</i>		
Mean	8.0	8.0
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	141 (2.1%)	43 (1.5%)
<i>Optimism</i>		
Mean	8.9	8.8
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.3%)	5 (0.2%)
<i>Freedom to pursue what's important</i>		
Mean	8.3	8.3
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.3%)	3 (0.1%)
<i>Inner peace, n (%)</i>		
Always	1,723 (25.6%)	773 (26.9%)
Often	2,809 (41.8%)	1,449 (50.4%)
Rarely	1,752 (26.1%)	536 (18.6%)
Never	427 (6.3%)	111 (3.9%)
(Missing)	14 (0.2%)	7 (0.3%)
<i>Life balance, n (%)</i>		
Always	1,399 (20.8%)	523 (18.2%)
Often	3,428 (51.0%)	1,603 (55.7%)
Rarely	1,619 (24.1%)	657 (22.8%)
Never	256 (3.8%)	88 (3.1%)
(Missing)	23 (0.3%)	5 (0.2%)
<i>Sense of mastery, n (%)</i>		
Always	2,778 (41.3%)	1,069 (37.2%)
Often	3,086 (45.9%)	1,552 (54.0%)
Rarely	692 (10.3%)	200 (6.9%)
Never	122 (1.8%)	45 (1.6%)
(Missing)	46 (0.7%)	10 (0.4%)
<i>Traumatic distress, n (%)</i>		
A lot	1,125 (16.7%)	431 (15.0%)
Some	1,444 (21.5%)	657 (22.9%)
Not very much	1,645 (24.5%)	686 (23.8%)
Not at all	2,490 (37.0%)	1,098 (38.2%)
(Missing)	20 (0.3%)	4 (0.1%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	2,426 (36.4%)	993 (35.0%)
	54 (0.8%)	35 (1.2%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	931 (13.8%)	348 (12.1%)
More than half the days	934 (13.9%)	385 (13.4%)
Several days	2,076 (30.9%)	874 (30.4%)
Not at all	2,767 (41.2%)	1,252 (43.5%)
(Missing)	15 (0.2%)	18 (0.6%)
<i>Depression – loss of interest, n (%)</i>		

Table S9b. Weighted summary statistics for exposure and outcome variables in Argentina

Outcome	Wave 1 N = 6,724	Wave 2 N = 2,876
Nearly every day	998 (14.8%)	397 (13.8%)
More than half the days	1,179 (17.5%)	474 (16.5%)
Several days	2,291 (34.1%)	1,071 (37.2%)
Not at all	2,210 (32.9%)	910 (31.6%)
(Missing)	45 (0.7%)	24 (0.8%)
<i>Anxiety symptoms composite, n (%)</i>	2,745 (41.1%)	1,061 (37.1%)
(Missing)	54 (0.8%)	16 (0.6%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	1,354 (20.1%)	467 (16.2%)
More than half the days	1,023 (15.2%)	447 (15.5%)
Several days	2,368 (35.2%)	943 (32.8%)
Not at all	1,951 (29.0%)	1,008 (35.0%)
(Missing)	28 (0.4%)	12 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	1,242 (18.5%)	485 (16.9%)
More than half the days	958 (14.2%)	404 (14.0%)
Several days	1,885 (28.0%)	823 (28.6%)
Not at all	2,607 (38.8%)	1,156 (40.2%)
(Missing)	33 (0.5%)	9 (0.3%)
<i>Suffering, n (%)</i>		
A lot	920 (13.7%)	376 (13.1%)
Some	2,051 (30.5%)	963 (33.5%)
Not very much	2,049 (30.5%)	794 (27.6%)
Not at all	1,672 (24.9%)	735 (25.6%)
(Missing)	32 (0.5%)	7 (0.2%)
<i>Social support</i>		
Mean	8.2	8.1
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	8 (0.3%)
<i>Intimate/close friend, n (%)</i>		
Yes	5,432 (80.8%)	2,310 (80.3%)
No	1,258 (18.7%)	545 (18.9%)
(Missing)	34 (0.5%)	21 (0.7%)
<i>Government approval, n (%)</i>		
Strongly approve	386 (5.7%)	376 (13.1%)
Somewhat approve	1,296 (19.3%)	809 (28.1%)
Neither approve nor disapprove	1,456 (21.7%)	679 (23.6%)
Somewhat disapprove	1,185 (17.6%)	324 (11.2%)
Strongly disapprove	2,326 (34.6%)	656 (22.8%)
(Missing)	75 (1.1%)	32 (1.1%)
<i>Say in government, n (%)</i>		
Agree	2,494 (37.1%)	1,683 (58.5%)
Disagree	2,197 (32.7%)	365 (12.7%)
Unsure	1,974 (29.4%)	804 (28.0%)
(Missing)	59 (0.9%)	23 (0.8%)
<i>Belonging in country</i>		
Mean	8.1	8.3
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	76 (1.1%)	38 (1.3%)

Table S9b. Weighted summary statistics for exposure and outcome variables in Argentina

Outcome	Wave 1 N = 6,724	Wave 2 N = 2,876
<i>City/place satisfaction, n (%)</i>		
Satisfied	4,751 (70.7%)	2,017 (70.1%)
Dissatisfied	1,201 (17.9%)	489 (17.0%)
Unsure	726 (10.8%)	346 (12.0%)
(Missing)	46 (0.7%)	24 (0.8%)
<i>Trust within country, n (%)</i>		
All people	136 (2.0%)	29 (1.0%)
Most people	765 (11.4%)	389 (13.5%)
Some people	2,787 (41.5%)	1,313 (45.7%)
Not very many people	2,406 (35.8%)	928 (32.3%)
None	561 (8.3%)	198 (6.9%)
(Missing)	70 (1.0%)	19 (0.7%)
<i>Number of children</i>		
Mean	1.1	0.9
Standard Deviation	1.5	1.3
Min, Max	0.0, 52.0	0.0, 8.0
(Missing)	97 (1.4%)	303 (11%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	745 (11.1%)	275 (9.6%)
Once a week	556 (8.3%)	248 (8.6%)
One to three times a month	488 (7.3%)	177 (6.2%)
A few times a year	1,577 (23.4%)	711 (24.7%)
Never	3,327 (49.5%)	1,451 (50.5%)
(Missing)	32 (0.5%)	13 (0.4%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	519 (7.7%)	240 (8.3%)
Once a week	771 (11.5%)	258 (9.0%)
One to three times a month	464 (6.9%)	174 (6.0%)
A few times a year	1,927 (28.7%)	856 (29.8%)
Never	3,014 (44.8%)	1,341 (46.6%)
(Missing)	28 (0.4%)	7 (0.2%)
<i>Loneliness</i>		
Mean	3.6	3.5
Standard Deviation	3.3	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	3 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	537 (8.0%)	198 (6.9%)
Often	1,080 (16.1%)	452 (15.7%)
Rarely	2,229 (33.2%)	1,063 (37.0%)
Never	2,853 (42.4%)	1,159 (40.3%)
(Missing)	24 (0.4%)	5 (0.2%)
<i>Hope</i>		
Mean	8.9	8.8
Standard Deviation	1.7	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	2 (<0.1%)
<i>Gratitude</i>		
Mean	8.5	8.3
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0

Table S9b. Weighted summary statistics for exposure and outcome variables in Argentina

Outcome	Wave 1 N = 6,724	Wave 2 N = 2,876
(Missing)	15 (0.2%)	11 (0.4%)
<i>Showing love/care</i>		
Mean	8.5	8.4
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	4 (0.1%)
<i>Forgivingness, n (%)</i>		
Always	2,446 (36.4%)	965 (33.6%)
Often	2,486 (37.0%)	1,215 (42.3%)
Rarely	1,336 (19.9%)	538 (18.7%)
Never	426 (6.3%)	153 (5.3%)
(Missing)	29 (0.4%)	4 (0.2%)
<i>Charitable giving, n (%)</i>		
Yes	1,354 (20.1%)	839 (29.2%)
No	5,357 (79.7%)	1,992 (69.3%)
(Missing)	13 (0.2%)	45 (1.6%)
<i>Helping strangers, n (%)</i>		
Yes	4,508 (67.0%)	1,886 (65.6%)
No	2,178 (32.4%)	961 (33.4%)
(Missing)	38 (0.6%)	28 (1.0%)
<i>Volunteering, n (%)</i>		
Yes	1,409 (21.0%)	524 (18.2%)
No	5,307 (78.9%)	2,321 (80.7%)
(Missing)	8 (0.1%)	30 (1.1%)
<i>Health problems, n (%)</i>		
Yes	1,215 (18.1%)	523 (18.2%)
No	5,407 (80.4%)	2,313 (80.4%)
(Missing)	102 (1.5%)	40 (1.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	1,018 (15.1%)	405 (14.1%)
Some	1,927 (28.7%)	839 (29.2%)
Not very much	2,140 (31.8%)	987 (34.3%)
None at all	1,625 (24.2%)	634 (22.1%)
(Missing)	14 (0.2%)	10 (0.4%)
<i>Number of drinks per week</i>		
Mean	1.5	1.8
Standard Deviation	3.6	5.2
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	97 (1.4%)	42 (1.5%)
<i>Days exercise per week</i>		
Mean	2.0	2.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	33 (0.5%)	10 (0.4%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	2,258 (33.6%)	703 (24.5%)
9-15	3,856 (57.4%)	1,885 (65.5%)
16+	607 (9.0%)	287 (10.0%)
(Missing)	3 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	2,499 (37.2%)	925 (32.2%)

Table S9b. Weighted summary statistics for exposure and outcome variables in Argentina

Outcome	Wave 1 N = 6,724	Wave 2 N = 2,876
Self-employed	1,751 (26.0%)	886 (30.8%)
Retired	734 (10.9%)	360 (12.5%)
Student	358 (5.3%)	142 (4.9%)
Homemaker	618 (9.2%)	260 (9.0%)
Unemployed and looking for a job	561 (8.3%)	185 (6.4%)
None of these/Other	180 (2.7%)	63 (2.2%)
(Missing)	22 (0.3%)	55 (1.9%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	810 (12.1%)	395 (13.7%)
Getting by on present income	2,343 (34.8%)	1,099 (38.2%)
Finding it difficult on present income	2,257 (33.6%)	967 (33.6%)
Finding it very difficult on present income	1,148 (17.1%)	371 (12.9%)
(Missing)	165 (2.5%)	43 (1.5%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	3,564 (53.0%)	1,622 (56.4%)
Someone in this household rents this home	1,131 (16.8%)	575 (20.0%)
Both	324 (4.8%)	176 (6.1%)
Neither	1,544 (23.0%)	463 (16.1%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	161 (2.4%)	39 (1.4%)
<i>Religious/spiritual connection, n (%)</i>		
Always	2,190 (32.6%)	947 (32.9%)
Often	1,763 (26.2%)	821 (28.5%)
Rarely	1,746 (26.0%)	680 (23.6%)
Never	1,010 (15.0%)	422 (14.7%)
(Missing)	15 (0.2%)	6 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	3,843 (57.2%)	1,706 (59.3%)
No	1,035 (15.4%)	506 (17.6%)
Unsure	1,787 (26.6%)	654 (22.7%)
(Missing)	59 (0.9%)	10 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	2,659 (39.5%)	1,137 (39.5%)
No	4,035 (60.0%)	1,723 (59.9%)
(Missing)	30 (0.4%)	15 (0.5%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	628 (9.3%)	283 (9.9%)
About once a day	710 (10.6%)	264 (9.2%)
Sometimes	2,932 (43.6%)	1,188 (41.3%)
Never	2,408 (35.8%)	1,112 (38.7%)
(Missing)	47 (0.7%)	28 (1.0%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	1,074 (16.0%)	465 (16.2%)
About once a day	1,397 (20.8%)	542 (18.9%)
Sometimes	2,666 (39.6%)	1,192 (41.4%)
Never	1,559 (23.2%)	667 (23.2%)
(Missing)	28 (0.4%)	10 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	4,742 (70.5%)	1,988 (69.1%)

Table S9b. Weighted summary statistics for exposure and outcome variables in Argentina

Outcome	Wave 1 N = 6,724	Wave 2 N = 2,876
More than one god	160 (2.4%)	79 (2.7%)
An impersonal spiritual force	740 (11.0%)	369 (12.8%)
None of these	533 (7.9%)	237 (8.2%)
Unsure	525 (7.8%)	189 (6.6%)
(Missing)	23 (0.3%)	13 (0.5%)
<i>Religious centrality, n (%)</i>		
Agree	3,048 (45.3%)	1,444 (50.2%)
Disagree	745 (11.1%)	296 (10.3%)
Not relevant	1,580 (23.5%)	682 (23.7%)
Unsure	1,285 (19.1%)	440 (15.3%)
(Missing)	66 (1.0%)	14 (0.5%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	3,852 (57.3%)	1,571 (54.6%)
Disagree	692 (10.3%)	298 (10.4%)
Not relevant	1,253 (18.6%)	639 (22.2%)
Unsure	885 (13.2%)	358 (12.5%)
(Missing)	43 (0.6%)	10 (0.3%)
<i>Feel loved by God, n (%)</i>		
Agree	4,503 (67.0%)	1,927 (67.0%)
Disagree	483 (7.2%)	211 (7.3%)
Not relevant	983 (14.6%)	442 (15.4%)
Unsure	716 (10.6%)	279 (9.7%)
(Missing)	39 (0.6%)	17 (0.6%)
<i>Feel punished by God, n (%)</i>		
Agree	922 (13.7%)	343 (11.9%)
Disagree	3,398 (50.5%)	1,401 (48.7%)
Not relevant	1,167 (17.4%)	597 (20.8%)
Unsure	1,187 (17.6%)	516 (17.9%)
(Missing)	50 (0.7%)	18 (0.6%)
<i>Experienced religious criticism, n (%)</i>		
Agree	976 (14.5%)	396 (13.8%)
Disagree	2,145 (31.9%)	883 (30.7%)
Not relevant	1,884 (28.0%)	913 (31.7%)
Unsure	1,641 (24.4%)	668 (23.2%)
(Missing)	78 (1.2%)	16 (0.6%)
<i>Faith-sharing, n (%)</i>		
Agree	3,316 (49.3%)	1,515 (52.7%)
Disagree	1,183 (17.6%)	405 (14.1%)
Not relevant	1,517 (22.6%)	676 (23.5%)
Unsure	664 (9.9%)	268 (9.3%)
(Missing)	44 (0.6%)	12 (0.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S9c. Unweighted summary statistics for demographic and childhood variables in Argentina by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 3,899	Retained-Observed in Wave 2 N = 2,740
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	47 (1.2%)	64 (2.3%)
1943-1953 (current age: 70-79 years)	138 (3.5%)	199 (7.3%)
1953-1963 (current age: 60-69 years)	342 (8.8%)	357 (13.0%)
1963-1973 (current age: 50-59 years)	419 (10.7%)	560 (20.4%)
1973-1983 (current age: 40-49 years)	655 (16.8%)	553 (20.2%)
1983-1993 (current age: 30-39 years)	901 (23.1%)	509 (18.6%)
1993-1998 (current age: 25-29 years)	505 (12.9%)	205 (7.5%)
1998-2005 (current age: 18-24 years)	893 (22.9%)	292 (10.7%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	38.7	46.5
Standard Deviation	16.1	16.5
Min, Max	18.0, 99.0	18.0, 95.0
<i>Gender, n (%)</i>		
Male	1,783 (45.7%)	1,339 (48.9%)
Female	2,091 (53.6%)	1,387 (50.6%)
Other	13 (0.3%)	6 (0.2%)
(Missing)	12 (0.3%)	7 (0.3%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,506 (38.6%)	903 (33.0%)
Married	809 (20.7%)	700 (25.5%)
Separated	240 (6.2%)	200 (7.3%)
Divorced	148 (3.8%)	156 (5.7%)
Widowed	168 (4.3%)	226 (8.2%)
Domestic partner	959 (24.6%)	539 (19.7%)
(Missing)	69 (1.8%)	16 (0.6%)
<i>Education (years), n (%)</i>		
Up to 8	1,370 (35.2%)	855 (31.2%)
9-15	2,249 (57.7%)	1,558 (56.8%)
16+	278 (7.1%)	326 (11.9%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,481 (38.0%)	985 (35.9%)
Self-employed	911 (23.4%)	824 (30.1%)
Retired	337 (8.6%)	394 (14.4%)
Student	251 (6.4%)	100 (3.7%)
Homemaker	405 (10.4%)	202 (7.4%)
Unemployed and looking for a job	379 (9.7%)	171 (6.3%)
None of these/Other	117 (3.0%)	60 (2.2%)
(Missing)	17 (0.4%)	4 (0.1%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	329 (8.4%)	182 (6.6%)
Once a week	464 (11.9%)	297 (10.8%)
One to three times a month	281 (7.2%)	176 (6.4%)
A few times a year	1,086 (27.9%)	818 (29.9%)
Never	1,715 (44.0%)	1,263 (46.1%)
(Missing)	23 (0.6%)	5 (0.2%)
<i>Immigration status, n (%)</i>		

Table S9c. Unweighted summary statistics for demographic and childhood variables in Argentina by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,899	Retained-Observed in Wave 2 N = 2,740
Born in this country	3,660 (93.9%)	2,599 (94.9%)
Born in another country	214 (5.5%)	138 (5.0%)
(Missing)	25 (0.6%)	3 (0.1%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,180 (55.9%)	1,851 (67.5%)
Parents were divorced	375 (9.6%)	252 (9.2%)
Parents were never married	930 (23.9%)	439 (16.0%)
One or both of them had died	91 (2.3%)	107 (3.9%)
Unsure	177 (4.5%)	56 (2.0%)
(Missing)	146 (3.8%)	35 (1.3%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,523 (39.1%)	1,037 (37.8%)
One to three times a month	704 (18.1%)	496 (18.1%)
Less than once a month	596 (15.3%)	448 (16.3%)
Never	1,042 (26.7%)	741 (27.0%)
(Missing)	33 (0.9%)	19 (0.7%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	2,598 (66.6%)	1,785 (65.1%)
Somewhat good	793 (20.3%)	637 (23.3%)
Somewhat bad	182 (4.7%)	124 (4.5%)
Very bad	138 (3.5%)	76 (2.8%)
(Does not apply)	164 (4.2%)	105 (3.8%)
(Missing)	23 (0.6%)	13 (0.5%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,978 (50.7%)	1,540 (56.2%)
Somewhat good	912 (23.4%)	617 (22.5%)
Somewhat bad	269 (6.9%)	176 (6.4%)
Very bad	266 (6.8%)	145 (5.3%)
(Does not apply)	446 (11.4%)	253 (9.3%)
(Missing)	28 (0.7%)	9 (0.3%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	751 (19.3%)	447 (16.3%)
No	3,074 (78.9%)	2,260 (82.5%)
(Missing)	74 (1.9%)	33 (1.2%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	775 (19.9%)	519 (18.9%)
No	3,002 (77.0%)	2,195 (80.1%)
(Missing)	122 (3.1%)	27 (1.0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,425 (36.5%)	944 (34.5%)
Very good	1,018 (26.1%)	775 (28.3%)
Good	1,067 (27.4%)	736 (26.9%)
Fair	280 (7.2%)	230 (8.4%)
Poor	99 (2.5%)	52 (1.9%)
(Missing)	11 (0.3%)	3 (0.1%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,210 (31.0%)	799 (29.2%)

Table S9c. Unweighted summary statistics for demographic and childhood variables in Argentina by retention status

Characteristic	Attritons-Not Observed in	Retained-Observed in
	Wave 2 N = 3,899	Wave 2 N = 2,740
Got by	1,341 (34.4%)	935 (34.1%)
Found it difficult	1,020 (26.2%)	744 (27.2%)
Found it very difficult	315 (8.1%)	255 (9.3%)
(Missing)	13 (0.3%)	7 (0.3%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	3,288 (84.3%)	2,433 (88.8%)
Taoism	1 (0.0%)	1 (0.0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	13 (0.3%)	3 (0.1%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	10 (0.3%)	0 (0.0%)
Hinduism	3 (0.1%)	0 (0%)
Buddhism	2 (0.1%)	1 (0.0%)
Judaism	28 (0.7%)	20 (0.7%)
Sikhism	4 (0.1%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	5 (0.1%)	6 (0.2%)
No religion/Atheist/Agnostic	458 (11.8%)	235 (8.6%)
(Missing)	87 (2.2%)	41 (1.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S9d. Unweighted summary statistics for Wave 1 outcome variables in Argentina by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 3,899	Wave 2 N = 2,740
<i>Secure flourishing index</i>		
Mean	7.1	7.1
Standard Deviation	1.5	1.4
Min, Max	0.4, 10.0	1.4, 10.0
(Missing)	129 (3.3%)	75 (2.7%)
<i>Flourishing index</i>		
Mean	7.8	7.8
Standard Deviation	1.5	1.4
Min, Max	0.5, 10.0	1.7, 10.0
(Missing)	122 (3.1%)	66 (2.4%)
<i>Happiness & life satisfaction</i>		
Mean	7.3	7.2
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.6%)	9 (0.3%)
<i>Physical & mental health</i>		
Mean	7.6	7.5
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.4%)	7 (0.2%)
<i>Meaning & purpose</i>		
Mean	7.9	7.9
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (1.0%)	6 (0.2%)
<i>Character & virtue</i>		
Mean	8.4	8.3
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	36 (0.9%)	32 (1.2%)
<i>Close social relationships</i>		
Mean	7.8	7.8
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.5%)	20 (0.7%)
<i>Financial & material security</i>		
Mean	3.8	3.9
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.3%)	10 (0.4%)
<i>Life satisfaction</i>		
Mean	7.2	7.2
Standard Deviation	2.5	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	7 (0.3%)
<i>Happiness</i>		
Mean	7.4	7.3
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0

Table S9d. Unweighted summary statistics for Wave 1 outcome variables in Argentina by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,899	N = 2,740
(Missing)	14 (0.4%)	2 (<0.1%)
<i>Self-rated physical health</i>		
Mean	7.4	7.1
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	2 (<0.1%)
<i>Self-rated mental health</i>		
Mean	7.9	7.9
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.3%)	5 (0.2%)
<i>Understanding purpose</i>		
Mean	7.9	7.9
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.7%)	4 (0.1%)
<i>Meaningful activities</i>		
Mean	7.9	8.0
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	3 (0.1%)
<i>Orientation to promote good</i>		
Mean	8.6	8.6
Standard Deviation	1.7	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	4 (0.2%)
<i>Delayed gratification</i>		
Mean	8.2	8.0
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (0.8%)	27 (1.0%)
<i>Relationship contentment</i>		
Mean	8.0	8.1
Standard Deviation	2.5	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	4 (0.1%)
<i>Relationship satisfaction</i>		
Mean	7.6	7.6
Standard Deviation	2.5	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	16 (0.6%)
<i>Financial security</i>		
Mean	3.9	4.0
Standard Deviation	3.7	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	5 (0.2%)
<i>Material security</i>		
Mean	3.7	3.9
Standard Deviation	3.8	3.7

Table S9d. Unweighted summary statistics for Wave 1 outcome variables in Argentina by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,899	Wave 2 N = 2,740
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	5 (0.2%)
<i>Current life evaluation</i>		
Mean	6.8	6.7
Standard Deviation	2.3	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	4 (0.1%)
<i>Future life evaluation</i>		
Mean	8.2	7.8
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	77 (2.0%)	62 (2.3%)
<i>Optimism</i>		
Mean	8.9	8.8
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.3%)	7 (0.2%)
<i>Freedom to pursue what's important</i>		
Mean	8.2	8.3
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.4%)	6 (0.2%)
<i>Inner peace, n (%)</i>		
Always	961 (24.6%)	743 (27.1%)
Often	1,570 (40.3%)	1,207 (44.0%)
Rarely	1,077 (27.6%)	649 (23.7%)
Never	286 (7.3%)	133 (4.8%)
(Missing)	5 (0.1%)	9 (0.3%)
<i>Life balance, n (%)</i>		
Always	836 (21.5%)	543 (19.8%)
Often	1,907 (48.9%)	1,482 (54.1%)
Rarely	974 (25.0%)	622 (22.7%)
Never	169 (4.3%)	83 (3.0%)
(Missing)	12 (0.3%)	10 (0.4%)
<i>Sense of mastery, n (%)</i>		
Always	1,657 (42.5%)	1,083 (39.5%)
Often	1,658 (42.5%)	1,397 (51.0%)
Rarely	469 (12.0%)	210 (7.7%)
Never	90 (2.3%)	29 (1.1%)
(Missing)	24 (0.6%)	22 (0.8%)
<i>Traumatic distress, n (%)</i>		
A lot	696 (17.9%)	412 (15.0%)
Some	896 (23.0%)	526 (19.2%)
Not very much	949 (24.3%)	675 (24.6%)
Not at all	1,341 (34.4%)	1,124 (41.0%)
(Missing)	16 (0.4%)	4 (0.1%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,536 (39.7%)	850 (31.3%)
	32 (0.8%)	21 (0.8%)
<i>Depression – feel hopeless, n (%)</i>		

Table S9d. Unweighted summary statistics for Wave 1 outcome variables in Argentina by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 3,899	N = 2,740
Nearly every day	610 (15.7%)	304 (11.1%)
More than half the days	608 (15.6%)	311 (11.3%)
Several days	1,171 (30.0%)	881 (32.2%)
Not at all	1,501 (38.5%)	1,238 (45.2%)
(Missing)	8 (0.2%)	7 (0.2%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	629 (16.1%)	353 (12.9%)
More than half the days	747 (19.2%)	413 (15.1%)
Several days	1,310 (33.6%)	954 (34.8%)
Not at all	1,184 (30.4%)	1,004 (36.6%)
(Missing)	28 (0.7%)	16 (0.6%)
<i>Anxiety symptoms composite, n (%)</i>	1,712 (44.3%)	990 (36.4%)
(Missing)	34 (0.9%)	19 (0.7%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	897 (23.0%)	433 (15.8%)
More than half the days	607 (15.6%)	402 (14.7%)
Several days	1,352 (34.7%)	988 (36.0%)
Not at all	1,027 (26.3%)	906 (33.1%)
(Missing)	16 (0.4%)	11 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	787 (20.2%)	434 (15.9%)
More than half the days	598 (15.3%)	346 (12.6%)
Several days	1,057 (27.1%)	806 (29.4%)
Not at all	1,434 (36.8%)	1,144 (41.8%)
(Missing)	23 (0.6%)	10 (0.4%)
<i>Suffering, n (%)</i>		
A lot	561 (14.4%)	345 (12.6%)
Some	1,172 (30.1%)	854 (31.2%)
Not very much	1,144 (29.3%)	883 (32.2%)
Not at all	1,000 (25.6%)	649 (23.7%)
(Missing)	22 (0.6%)	9 (0.3%)
<i>Social support</i>		
Mean	8.2	8.2
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	8 (0.3%)
<i>Intimate/close friend, n (%)</i>		
Yes	3,139 (80.5%)	2,226 (81.2%)
No	734 (18.8%)	507 (18.5%)
(Missing)	26 (0.7%)	7 (0.3%)
<i>Government approval, n (%)</i>		
Strongly approve	281 (7.2%)	96 (3.5%)
Somewhat approve	737 (18.9%)	543 (19.8%)
Neither approve nor disapprove	948 (24.3%)	483 (17.6%)
Somewhat disapprove	654 (16.8%)	518 (18.9%)
Strongly disapprove	1,236 (31.7%)	1,067 (38.9%)
(Missing)	42 (1.1%)	33 (1.2%)
<i>Say in government, n (%)</i>		
Agree	1,280 (32.8%)	1,193 (43.5%)

Table S9d. Unweighted summary statistics for Wave 1 outcome variables in Argentina by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 3,899	N = 2,740
Disagree	1,360 (34.9%)	804 (29.4%)
Unsure	1,222 (31.4%)	722 (26.3%)
(Missing)	37 (0.9%)	21 (0.8%)
<i>Belonging in country</i>		
Mean	8.0	8.2
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	57 (1.5%)	17 (0.6%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	2,696 (69.2%)	1,998 (72.9%)
Dissatisfied	713 (18.3%)	472 (17.2%)
Unsure	457 (11.7%)	257 (9.4%)
(Missing)	32 (0.8%)	13 (0.5%)
<i>Trust within country, n (%)</i>		
All people	104 (2.7%)	28 (1.0%)
Most people	434 (11.1%)	322 (11.8%)
Some people	1,581 (40.6%)	1,173 (42.8%)
Not very many people	1,404 (36.0%)	972 (35.5%)
None	333 (8.5%)	220 (8.0%)
(Missing)	42 (1.1%)	26 (1.0%)
<i>Number of children</i>		
Mean	1.2	0.9
Standard Deviation	1.6	1.3
Min, Max	0.0, 52.0	0.0, 9.0
(Missing)	72 (1.9%)	22 (0.8%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	451 (11.6%)	284 (10.4%)
Once a week	311 (8.0%)	238 (8.7%)
One to three times a month	318 (8.1%)	162 (5.9%)
A few times a year	894 (22.9%)	664 (24.2%)
Never	1,897 (48.7%)	1,390 (50.7%)
(Missing)	28 (0.7%)	3 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	329 (8.4%)	182 (6.6%)
Once a week	464 (11.9%)	297 (10.8%)
One to three times a month	281 (7.2%)	176 (6.4%)
A few times a year	1,086 (27.9%)	818 (29.9%)
Never	1,715 (44.0%)	1,263 (46.1%)
(Missing)	23 (0.6%)	5 (0.2%)
<i>Loneliness</i>		
Mean	3.7	3.4
Standard Deviation	3.4	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	0 (0%)
<i>Perceived discrimination, n (%)</i>		
Always	372 (9.5%)	155 (5.7%)
Often	663 (17.0%)	401 (14.7%)
Rarely	1,239 (31.8%)	965 (35.2%)
Never	1,613 (41.4%)	1,207 (44.0%)

Table S9d. Unweighted summary statistics for Wave 1 outcome variables in Argentina by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,899	N = 2,740
(Missing)	12 (0.3%)	12 (0.4%)
<i>Hope</i>		
Mean	9.0	8.9
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	8 (0.3%)
<i>Gratitude</i>		
Mean	8.5	8.5
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	8 (0.3%)
<i>Showing love/care</i>		
Mean	8.5	8.4
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	7 (0.3%)
<i>Forgivingness, n (%)</i>		
Always	1,490 (38.2%)	921 (33.6%)
Often	1,382 (35.4%)	1,076 (39.3%)
Rarely	754 (19.3%)	567 (20.7%)
Never	256 (6.6%)	164 (6.0%)
(Missing)	18 (0.5%)	11 (0.4%)
<i>Charitable giving, n (%)</i>		
Yes	741 (19.0%)	599 (21.9%)
No	3,148 (80.8%)	2,138 (78.0%)
(Missing)	9 (0.2%)	3 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	2,642 (67.8%)	1,808 (66.0%)
No	1,229 (31.5%)	924 (33.7%)
(Missing)	28 (0.7%)	9 (0.3%)
<i>Volunteering, n (%)</i>		
Yes	814 (20.9%)	577 (21.1%)
No	3,081 (79.0%)	2,158 (78.8%)
(Missing)	4 (0.1%)	5 (0.2%)
<i>Health problems, n (%)</i>		
Yes	681 (17.5%)	520 (19.0%)
No	3,129 (80.3%)	2,210 (80.6%)
(Missing)	89 (2.3%)	10 (0.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	606 (15.5%)	398 (14.5%)
Some	1,129 (29.0%)	773 (28.2%)
Not very much	1,204 (30.9%)	911 (33.2%)
None at all	949 (24.3%)	655 (23.9%)
(Missing)	11 (0.3%)	3 (0.1%)
<i>Number of drinks per week</i>		
Mean	1.4	1.7
Standard Deviation	3.6	3.4
Min, Max	0.0, 97.0	0.0, 56.0
(Missing)	65 (1.7%)	30 (1.1%)

Table S9d. Unweighted summary statistics for Wave 1 outcome variables in Argentina by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 3,899	Wave 2 N = 2,740
<i>Days exercise per week</i>		
Mean	2.0	1.9
Standard Deviation	2.4	2.3
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	18 (0.5%)	15 (0.5%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	1,370 (35.2%)	855 (31.2%)
9-15	2,249 (57.7%)	1,558 (56.8%)
16+	278 (7.1%)	326 (11.9%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,481 (38.0%)	985 (35.9%)
Self-employed	911 (23.4%)	824 (30.1%)
Retired	337 (8.6%)	394 (14.4%)
Student	251 (6.4%)	100 (3.7%)
Homemaker	405 (10.4%)	202 (7.4%)
Unemployed and looking for a job	379 (9.7%)	171 (6.3%)
None of these/Other	117 (3.0%)	60 (2.2%)
(Missing)	17 (0.4%)	4 (0.1%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	452 (11.6%)	349 (12.7%)
Getting by on present income	1,269 (32.6%)	1,050 (38.3%)
Finding it difficult on present income	1,284 (32.9%)	946 (34.5%)
Finding it very difficult on present income	754 (19.3%)	374 (13.7%)
(Missing)	139 (3.6%)	21 (0.8%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,947 (49.9%)	1,580 (57.6%)
Someone in this household rents this home	640 (16.4%)	478 (17.5%)
Both	202 (5.2%)	116 (4.2%)
Neither	966 (24.8%)	554 (20.2%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	144 (3.7%)	12 (0.4%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,239 (31.8%)	925 (33.8%)
Often	1,014 (26.0%)	727 (26.5%)
Rarely	1,025 (26.3%)	698 (25.5%)
Never	610 (15.6%)	386 (14.1%)
(Missing)	11 (0.3%)	4 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	2,220 (56.9%)	1,575 (57.5%)
No	537 (13.8%)	488 (17.8%)
Unsure	1,096 (28.1%)	665 (24.3%)
(Missing)	46 (1.2%)	12 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,565 (40.1%)	1,059 (38.7%)
No	2,312 (59.3%)	1,674 (61.1%)
(Missing)	22 (0.6%)	7 (0.3%)

Table S9d. Unweighted summary statistics for Wave 1 outcome variables in Argentina by retention status.

Outcome	Attriters-NotRetained-Observed in	Wave 2
	Observed in Wave 2	Wave 2
	N = 3,899	N = 2,740
<i>Religious reading or listening, n (%)</i>		
More than once a day	399 (10.2%)	218 (8.0%)
About once a day	401 (10.3%)	301 (11.0%)
Sometimes	1,722 (44.2%)	1,172 (42.8%)
Never	1,349 (34.6%)	1,032 (37.6%)
(Missing)	28 (0.7%)	18 (0.7%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	619 (15.9%)	442 (16.1%)
About once a day	750 (19.2%)	633 (23.1%)
Sometimes	1,606 (41.2%)	1,022 (37.3%)
Never	906 (23.2%)	633 (23.1%)
(Missing)	17 (0.4%)	10 (0.4%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	2,772 (71.1%)	1,909 (69.7%)
More than one god	98 (2.5%)	60 (2.2%)
An impersonal spiritual force	401 (10.3%)	331 (12.1%)
None of these	292 (7.5%)	235 (8.6%)
Unsure	317 (8.1%)	200 (7.3%)
(Missing)	18 (0.5%)	5 (0.2%)
<i>Religious centrality, n (%)</i>		
Agree	1,759 (45.1%)	1,251 (45.7%)
Disagree	441 (11.3%)	294 (10.7%)
Not relevant	879 (22.6%)	683 (24.9%)
Unsure	767 (19.7%)	500 (18.3%)
(Missing)	53 (1.4%)	11 (0.4%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	2,232 (57.3%)	1,570 (57.3%)
Disagree	393 (10.1%)	291 (10.6%)
Not relevant	699 (17.9%)	539 (19.7%)
Unsure	541 (13.9%)	330 (12.1%)
(Missing)	32 (0.8%)	9 (0.3%)
<i>Feel loved by God, n (%)</i>		
Agree	2,602 (66.7%)	1,845 (67.3%)
Disagree	277 (7.1%)	200 (7.3%)
Not relevant	570 (14.6%)	400 (14.6%)
Unsure	425 (10.9%)	281 (10.3%)
(Missing)	24 (0.6%)	14 (0.5%)
<i>Feel punished by God, n (%)</i>		
Agree	613 (15.7%)	293 (10.7%)
Disagree	1,852 (47.5%)	1,510 (55.1%)
Not relevant	674 (17.3%)	479 (17.5%)
Unsure	725 (18.6%)	444 (16.2%)
(Missing)	36 (0.9%)	13 (0.5%)
<i>Experienced religious criticism, n (%)</i>		
Agree	579 (14.8%)	384 (14.0%)
Disagree	1,229 (31.5%)	890 (32.5%)
Not relevant	1,069 (27.4%)	793 (28.9%)
Unsure	966 (24.8%)	653 (23.8%)
(Missing)	56 (1.4%)	21 (0.8%)

Table S9d. Unweighted summary statistics for Wave 1 outcome variables in Argentina by retention status.

Outcome	Attrititors–NotRetained–Observed in	
	Observed in Wave 2 N = 3,899	Wave 2 N = 2,740
<i>Faith-sharing, n (%)</i>		
Agree	1,866 (47.9%)	1,412 (51.5%)
Disagree	705 (18.1%)	462 (16.9%)
Not relevant	879 (22.5%)	619 (22.6%)
Unsure	413 (10.6%)	241 (8.8%)
(Missing)	37 (0.9%)	6 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S9e. Summary of fitted attrition model in Argentina

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.88	0.80, 0.96	0.005
Recruitment Survey Mode			
<i>CATI</i>	—	—	
<i>CAWI</i>	0.51	0.43, 0.61	4.51e-14
<i>CAPI</i>	0.74	0.60, 0.91	0.005
Happiness & life satisfaction	0.94	0.83, 1.05	0.272
Physical & mental health	0.95	0.86, 1.04	0.269
Meaning & purpose	1.02	0.92, 1.14	0.718
Character & virtue	0.96	0.89, 1.04	0.320
Close social relationships	0.94	0.85, 1.04	0.230
Financial & material security	0.97	0.90, 1.05	0.505
Extraversion	1.03	0.95, 1.11	0.492
Openness to experience	1.07	0.99, 1.15	0.110
Agreeableness	0.99	0.91, 1.07	0.777
Conscientiousness	1.03	0.95, 1.11	0.513
Neuroticism	1.08	0.99, 1.17	0.081
Depression symptoms composite	0.97	0.89, 1.06	0.528
Anxiety symptoms composite	0.98	0.90, 1.07	0.653
Loneliness	0.94	0.86, 1.02	0.156
Days exercise per week	0.95	0.88, 1.02	0.175
Year of birth (age group)			
<i>1983-1993 (current age: 30-39 years)</i>	—	—	
<i>1973-1983 (current age: 40-49 years)</i>	1.35	1.09, 1.67	0.006
<i>1963-1973 (current age: 50-59 years)</i>	2.09	1.64, 2.67	3.11e-09
<i>1998-2005 (current age: 18-24 years)</i>	0.70	0.52, 0.93	0.014
<i>1993-1998 (current age: 25-29 years)</i>	0.80	0.62, 1.05	0.104
<i>1953-1963 (current age: 60-69 years)</i>	1.63	1.17, 2.26	0.004
<i>1943-1953 (current age: 70-79 years)</i>	2.22	1.33, 3.73	0.002
<i>1943 or earlier (current age: 80+ years)</i>	2.18	1.04, 4.56	0.039
Gender of respondent			
<i>Female</i>	—	—	
<i>Male</i>	1.05	0.89, 1.23	0.566
<i>Other</i>	1.15	0.32, 4.17	0.834
Marital status			
<i>Single/Never been married</i>	—	—	
<i>Married</i>	0.86	0.70, 1.07	0.184
<i>Domestic partner</i>	0.87	0.71, 1.05	0.153
<i>Separated</i>	1.01	0.75, 1.36	0.947
<i>Divorced</i>	0.92	0.67, 1.26	0.614
<i>Widowed</i>	1.24	0.83, 1.83	0.291
Employment status			
<i>Employed for an employer</i>	—	—	
<i>Self-employed</i>	1.11	0.92, 1.34	0.265
<i>Retired</i>	0.90	0.61, 1.30	0.565
<i>Homemaker</i>	1.00	0.74, 1.35	0.998
<i>Unemployed and looking for a job</i>	0.98	0.73, 1.32	0.897
<i>Student</i>	0.94	0.67, 1.32	0.731
<i>None of these/Other</i>	0.89	0.57, 1.37	0.590
Religious attendance			
<i>Never</i>	—	—	
<i>A few times a year</i>	1.00	0.84, 1.18	0.964
<i>Once a week</i>	0.90	0.70, 1.16	0.414

Table S9e. Summary of fitted attrition model in Argentina

Characteristic	Odds Ratio	95% CI	p-value
<i>More than once a week</i>	0.88	0.65, 1.20	0.418
<i>One to three times a month</i>	0.86	0.64, 1.16	0.328
Educational attainment (16+ years)			
<i>9-15</i>	—	—	
<i>16+</i>	1.10	0.90, 1.35	0.334
<i>Up to 8</i>	1.10	0.85, 1.42	0.484
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.89	0.64, 1.24	0.495
Race plurality (prominent race/ethnic group [0] or not [1])	0.93	0.86, 1.00	0.058
Urbanicity			
<i>A large city</i>	—	—	
<i>A small town or village</i>	1.08	0.91, 1.28	0.360
<i>A suburb of a large city</i>	1.13	0.93, 1.38	0.230
<i>A rural area or on a farm</i>	0.68	0.48, 0.96	0.030
Monthly household income			
<i>Argentina: More than 200,000 pesos</i>	—	—	
<i>Argentina: 150,001 – 200,000 pesos</i>	0.68	0.53, 0.86	0.001
<i>Argentina: 120,001 – 150,000 pesos</i>	1.00	0.76, 1.33	0.986
<i>(None/No household income)</i>	0.37	0.25, 0.55	5.00e-07
<i>Argentina: 100,001 – 120,000 pesos</i>	0.69	0.49, 0.96	0.029
<i>Argentina: 90,001 – 100,000 pesos</i>	0.83	0.60, 1.15	0.255
<i>Argentina: 50,001 – 60,000 pesos</i>	0.66	0.45, 0.96	0.029
<i>Argentina: 70,001 – 80,000 pesos</i>	0.82	0.57, 1.19	0.298
<i>Argentina: 40,001 – 50,000 pesos</i>	0.58	0.39, 0.86	0.006
<i>Argentina: 80,001 – 90,000 pesos</i>	0.71	0.49, 1.03	0.072
<i>Argentina: 60,001 – 70,000 pesos</i>	0.64	0.43, 0.96	0.029
<i>Argentina: 30,001 – 40,000 pesos</i>	0.44	0.28, 0.69	3.82e-04
<i>Argentina: 20,001 – 30,000 pesos</i>	0.79	0.48, 1.31	0.368
<i>Argentina: 10,001 – 20,000 pesos</i>	0.55	0.34, 0.90	0.016
<i>Argentina: 5,001 – 10,000 pesos</i>	1.01	0.51, 2.02	0.975
<i>Argentina: 1,000 pesos or less</i>	0.17	0.06, 0.47	6.64e-04
<i>Argentina: 1,001 – 5,000 pesos</i>	0.51	0.26, 1.00	0.052

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=6724; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S9f. Summary of principal components in Argentina

PC	Percent Explained by each PC	Cumulative Percent Explained
1	34.08	34.08
2	5.47	39.56
3	4.74	44.30
4	2.48	46.78
5	2.21	48.99
6	1.82	50.81
7	1.75	52.56
8	1.47	54.02
9	1.41	55.43
10	1.34	56.77
11	1.28	58.04
12	1.21	59.25
13	1.19	60.44
14	1.18	61.62
15	1.13	62.75
16	1.12	63.87
17	1.09	64.97
18	1.06	66.02
19	1.01	67.03
20	0.98	68.01

Notes. N=6724; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S9g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Argentina

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.68	(0.65,0.71)	0.02	2.22e-16***	0.56	(0.52,0.60)	0.02	2.22e-16***
Flourishing index	0.68	(0.65,0.71)	0.02	2.22e-16***	0.55	(0.50,0.59)	0.02	2.22e-16***
Happiness & life satisfaction	0.56	(0.52,0.59)	0.02	2.22e-16***	0.31	(0.27,0.36)	0.02	2.22e-16***
Physical & mental health	0.53	(0.49,0.56)	0.02	2.22e-16***	0.28	(0.24,0.32)	0.02	2.22e-16***
Meaning & purpose	0.56	(0.52,0.60)	0.02	2.22e-16***	0.33	(0.27,0.38)	0.03	2.22e-16***
Character & virtue	0.33	(0.29,0.36)	0.02	2.22e-16***	0.17	(0.14,0.20)	0.02	2.22e-16***
Close social relationships	0.48	(0.44,0.52)	0.02	2.22e-16***	0.26	(0.22,0.30)	0.02	2.22e-16***
Financial & material security	0.25	(0.22,0.29)	0.02	2.22e-16***	0.14	(0.11,0.18)	0.02	3.11e-15***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.53	(0.49,0.57)	0.02	2.22e-16***	0.28	(0.24,0.33)	0.02	2.22e-16***
Happiness (a)	0.48	(0.44,0.52)	0.02	2.22e-16***	0.21	(0.17,0.26)	0.02	2.22e-16***
Self-rated physical health (b)	0.43	(0.39,0.47)	0.02	2.22e-16***	0.21	(0.17,0.25)	0.02	2.22e-16***
Self-rated mental health (b)	0.47	(0.43,0.51)	0.02	2.22e-16***	0.20	(0.16,0.24)	0.02	2.22e-16***
Understanding purpose (c)	0.44	(0.40,0.49)	0.02	2.22e-16***	0.23	(0.18,0.27)	0.02	2.22e-16***
Meaningful activities (c)	0.49	(0.44,0.53)	0.02	2.22e-16***	0.24	(0.19,0.29)	0.02	2.22e-16***
Orientation to promote good (d)	0.27	(0.23,0.31)	0.02	2.22e-16***	0.12	(0.08,0.15)	0.02	4.27e-10***
Delayed gratification (d)	0.26	(0.22,0.30)	0.02	2.22e-16***	0.14	(0.11,0.17)	0.02	3.55e-14***
Relationship contentment (e)	0.41	(0.36,0.45)	0.02	2.22e-16***	0.19	(0.15,0.23)	0.02	1.11e-15***
Relationship satisfaction (e)	0.45	(0.41,0.49)	0.02	2.22e-16***	0.24	(0.20,0.27)	0.02	2.22e-16***
Financial security (f)	0.25	(0.22,0.29)	0.02	2.22e-16***	0.13	(0.10,0.17)	0.02	5.37e-10***
Material security (f)	0.22	(0.18,0.25)	0.02	2.22e-16***	0.12	(0.08,0.15)	0.02	1.19e-10***
<i>Psychological Well-Being</i>								
Current life evaluation	0.42	(0.38,0.46)	0.02	2.22e-16***	0.19	(0.15,0.23)	0.02	2.22e-16***
Future life evaluation	0.34	(0.30,0.38)	0.02	2.22e-16***	0.15	(0.11,0.19)	0.02	1.53e-11***
Optimism	0.27	(0.22,0.31)	0.02	2.22e-16***	0.10	(0.07,0.14)	0.02	2.01e-07***
Freedom to pursue what's important	0.43	(0.39,0.47)	0.02	2.22e-16***	0.21	(0.16,0.25)	0.02	3.11e-15***
Inner peace	0.12	(0.08,0.16)	0.02	1.17e-09***	0.04	(0.01,0.08)	0.02	0.008*
Life balance	0.23	(0.19,0.27)	0.02	2.22e-16***	0.04	(0.01,0.08)	0.02	0.027*
Sense of mastery	0.24	(0.19,0.29)	0.02	2.22e-16***	0.07	(0.02,0.11)	0.02	0.005*
<i>Psychological Distress</i>								
Traumatic distress	-0.12	(-0.15,-0.08)	0.02	7.31e-12***	0.03	(0.00,0.06)	0.02	0.025*
Depression symptoms composite	-0.30	(-0.33,-0.26)	0.02	2.22e-16***	-0.04	(-0.08,-0.00)	0.02	0.039*
Depression – feel hopeless	-0.31	(-0.35,-0.27)	0.02	2.22e-16***	-0.04	(-0.08,0.00)	0.02	0.058
Depression – loss of interest	-0.23	(-0.27,-0.20)	0.02	2.22e-16***	-0.01	(-0.05,0.03)	0.02	0.644
Anxiety symptoms composite	-0.23	(-0.27,-0.19)	0.02	2.22e-16***	0.02	(-0.02,0.06)	0.02	0.284
Anxiety – feel on edge	-0.25	(-0.28,-0.21)	0.02	2.22e-16***	0.02	(-0.02,0.06)	0.02	0.291
Anxiety – cannot stop worrying	-0.19	(-0.23,-0.16)	0.02	2.22e-16***	0.05	(0.01,0.09)	0.02	0.008*
Suffering	-0.29	(-0.32,-0.25)	0.02	2.22e-16***	-0.06	(-0.10,-0.03)	0.02	3.57e-04***
<i>Social Well-Being</i>								
Social support	0.27	(0.23,0.31)	0.02	2.22e-16***	0.07	(0.03,0.10)	0.02	2.51e-04***
Intimate/close friend	0.09	(0.05,0.13)	0.02	3.81e-06***	0.02	(-0.01,0.05)	0.02	0.215
Government approval	0.04	(0.01,0.08)	0.02	0.020*	-0.03	(-0.06,-0.00)	0.02	0.031*
Say in government	0.03	(-0.00,0.07)	0.02	0.079	-0.02	(-0.05,0.01)	0.02	0.218
Belonging in country	0.23	(0.19,0.26)	0.02	2.22e-16***	0.06	(0.03,0.09)	0.02	1.83e-04***
City/place satisfaction	0.19	(0.15,0.23)	0.02	2.22e-16***	0.06	(0.02,0.09)	0.02	2.34e-03**
Trust within country	0.08	(0.04,0.12)	0.02	3.13e-05***	-0.02	(-0.05,0.01)	0.02	0.286
<i>Social Participation</i>								
Ever been married	0.05	(-0.04,0.14)	0.05	0.310	0.01	(-0.06,0.08)	0.04	0.748
Currently divorced	0.02	(-0.01,0.05)	0.02	0.173	0.03	(-0.00,0.05)	0.01	0.054
Number of children	-0.03	(-0.08,0.02)	0.02	0.226	-0.02	(-0.06,0.02)	0.02	0.328
Weekly+ community participation	0.04	(0.01,0.08)	0.02	0.011*	-0.00	(-0.03,0.02)	0.01	0.748
Weekly+ religious attendance	0.11	(0.07,0.14)	0.02	6.47e-08***	0.04	(0.00,0.07)	0.02	0.034*
<i>Social Distress</i>								
Loneliness	-0.34	(-0.38,-0.31)	0.02	2.22e-16***	-0.11	(-0.14,-0.07)	0.02	1.7e-08***
Perceived discrimination	-0.14	(-0.18,-0.10)	0.02	1.55e-11***	-0.04	(-0.08,-0.01)	0.02	0.011*
<i>Character & Prosocial Behavior</i>								
Hope	0.35	(0.31,0.39)	0.02	2.22e-16***	0.14	(0.11,0.18)	0.02	2.6e-12***
Gratitude	0.34	(0.30,0.38)	0.02	2.22e-16***	0.13	(0.09,0.17)	0.02	5.22e-10***
Showing love/care	0.29	(0.25,0.33)	0.02	2.22e-16***	0.13	(0.09,0.16)	0.02	1.43e-12***
Forgivingness	0.05	(0.02,0.09)	0.02	2.86e-03**	0.00	(-0.03,0.03)	0.01	0.940
Charitable giving	0.02	(-0.01,0.06)	0.02	0.254	0.02	(-0.01,0.05)	0.01	0.130
Helping strangers	0.04	(0.00,0.07)	0.02	0.031*	0.06	(0.02,0.09)	0.02	5.23e-04***
Volunteering	0.07	(0.03,0.10)	0.02	5.05e-04***	0.06	(0.02,0.09)	0.02	1.05e-03**
<i>Physical Health & Health Behavior</i>								
Health problems	-0.18	(-0.22,-0.13)	0.02	5.77e-15***	-0.06	(-0.09,-0.02)	0.02	2.19e-03**
Pain in past 4 weeks	-0.17	(-0.21,-0.13)	0.02	2.22e-16***	0.01	(-0.02,0.04)	0.02	0.519
Daily smoker	-0.04	(-0.08,-0.00)	0.02	0.048*	-0.01	(-0.04,0.03)	0.02	0.760
Number of drinks per week	-0.06	(-0.09,-0.02)	0.02	9.71e-04**	-0.03	(-0.06,-0.01)	0.01	0.012*
Days exercise per week	0.11	(0.07,0.15)	0.02	4.05e-09***	0.05	(0.02,0.07)	0.02	2.95e-03**
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.01	(-0.03,0.02)	0.01	0.589	0.01	(-0.02,0.03)	0.01	0.656
Currently employed	0.06	(0.03,0.10)	0.02	1.04e-03**	-0.04	(-0.07,-0.00)	0.02	0.046*
Financially comfortable/getting by	0.17	(0.13,0.21)	0.02	3.33e-16***	0.03	(-0.01,0.06)	0.02	0.108
Own home	0.05	(0.01,0.09)	0.02	0.008*	0.02	(-0.01,0.06)	0.02	0.154
Income – top quintile	0.02	(-0.01,0.06)	0.02	0.240	-0.00	(-0.03,0.03)	0.02	0.883
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.11	(0.07,0.15)	0.02	4.37e-08***	0.02	(-0.02,0.06)	0.02	0.255
Belief in life after death	0.05	(0.02,0.08)	0.02	4.64e-03**	-0.02	(-0.05,0.01)	0.02	0.302
Transformative religious experience	0.05	(0.02,0.09)	0.02	0.006*	0.04	(0.00,0.07)	0.02	0.045*
Religious reading or listening	0.04	(-0.00,0.08)	0.02	0.073	0.03	(-0.00,0.07)	0.02	0.087
Prayer or meditation	0.10	(0.07,0.14)	0.02	2.28e-07***	0.06	(0.02,0.09)	0.02	2.36e-03**
Belief in God/gods/spiritual forces	0.09	(0.05,0.13)	0.02	1.93e-05***	0.04	(0.00,0.08)	0.02	0.027*
Religious centrality	0.16	(0.12,0.21)	0.02	9.39e-13***	0.07	(0.03,0.11)	0.02	7.42e-04**
Religious/spiritual comfort	0.14	(0.09,0.18)	0.02	5.65e-09***	0.02	(-0.02,0.07)	0.02	0.290
Feel loved by God	0.21	(0.17,0.25)	0.02	2.22e-16***	0.10	(0.07,0.14)	0.02	1.13e-07***
Feel punished by God	-0.01	(-0.05,0.03)	0.02	0.625	0.01	(-0.02,0.05)	0.02	0.458
Experienced religious criticism	-0.04	(-0.08,0.00)	0.02	0.082	-0.01	(-0.04,0.02)	0.02	0.622
Faith-sharing	0.05	(0.02,0.09)	0.02	4.92e-03**	-0.01	(-0.05,0.02)	0.02	0.545

Notes. N=6724; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S9h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Argentina using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.57	(0.51,0.62)	0.03	2.22e-16***	0.45	(0.39,0.52)	0.03	2.22e-16***
Flourishing index	0.57	(0.51,0.62)	0.03	2.22e-16***	0.46	(0.40,0.53)	0.03	2.22e-16***
Happiness & life satisfaction	0.48	(0.42,0.53)	0.03	2.22e-16***	0.27	(0.21,0.34)	0.03	2.22e-16***
Physical & mental health	0.47	(0.42,0.52)	0.03	2.22e-16***	0.28	(0.23,0.33)	0.03	2.22e-16***
Meaning & purpose	0.47	(0.42,0.52)	0.03	2.22e-16***	0.27	(0.20,0.33)	0.03	4.44e-16***
Character & virtue	0.28	(0.23,0.34)	0.03	2.22e-16***	0.13	(0.08,0.18)	0.03	6.06e-07***
Close social relationships	0.38	(0.32,0.44)	0.03	2.22e-16***	0.19	(0.13,0.25)	0.03	6.97e-10***
Financial & material security	0.19	(0.14,0.24)	0.03	3.41e-12***	0.11	(0.07,0.16)	0.02	4.49e-06***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.45	(0.39,0.50)	0.03	2.22e-16***	0.24	(0.17,0.30)	0.03	2.96e-13***
Happiness (a)	0.42	(0.36,0.48)	0.03	2.22e-16***	0.20	(0.14,0.26)	0.03	5.13e-10***
Self-rated physical health (b)	0.38	(0.33,0.44)	0.03	2.22e-16***	0.22	(0.17,0.27)	0.03	9.99e-16***
Self-rated mental health (b)	0.42	(0.36,0.47)	0.03	2.22e-16***	0.19	(0.13,0.24)	0.03	4.35e-12***
Understanding purpose (c)	0.39	(0.34,0.45)	0.03	2.22e-16***	0.21	(0.16,0.26)	0.03	6.2e-14***
Meaningful activities (c)	0.39	(0.32,0.46)	0.03	2.22e-16***	0.17	(0.09,0.24)	0.04	9.61e-06***
Orientation to promote good (d)	0.24	(0.19,0.30)	0.03	2.22e-16***	0.09	(0.03,0.14)	0.03	2.24e-03**
Delayed gratification (d)	0.23	(0.18,0.28)	0.03	2.22e-16***	0.11	(0.07,0.16)	0.02	1.74e-06***
Relationship contentment (e)	0.34	(0.28,0.40)	0.03	2.22e-16***	0.15	(0.09,0.20)	0.03	1.83e-06***
Relationship satisfaction (e)	0.36	(0.30,0.42)	0.03	2.22e-16***	0.17	(0.12,0.23)	0.03	1.39e-09***
Financial security (f)	0.18	(0.13,0.23)	0.03	3.36e-11***	0.11	(0.06,0.16)	0.03	1.34e-05***
Material security (f)	0.18	(0.12,0.23)	0.03	5.06e-10***	0.12	(0.07,0.18)	0.03	1.22e-05***
<i>Psychological Well-Being</i>								
Current life evaluation	0.37	(0.31,0.42)	0.03	2.22e-16***	0.18	(0.12,0.24)	0.03	4.35e-10***
Future life evaluation	0.28	(0.22,0.35)	0.03	2.22e-16***	0.13	(0.07,0.18)	0.03	6.25e-06***
Optimism	0.24	(0.19,0.29)	0.03	2.22e-16***	0.08	(0.03,0.14)	0.03	1.93e-03**
Freedom to pursue what's important	0.39	(0.33,0.45)	0.03	2.22e-16***	0.18	(0.12,0.24)	0.03	2.18e-08***
Inner peace	0.10	(0.04,0.15)	0.03	3.55e-04***	0.03	(-0.02,0.08)	0.02	0.250
Life balance	0.22	(0.16,0.28)	0.03	7.75e-13***	0.05	(-0.01,0.10)	0.03	0.106
Sense of mastery	0.23	(0.16,0.29)	0.03	4.45e-12***	0.08	(0.03,0.14)	0.03	4.1e-03**
<i>Psychological Distress</i>								
Traumatic distress	-0.10	(-0.15,-0.04)	0.03	4.14e-04***	0.04	(-0.01,0.10)	0.03	0.125
Depression symptoms composite	-0.29	(-0.35,-0.23)	0.03	2.22e-16***	-0.06	(-0.13,0.00)	0.03	0.053
Depression – feel hopeless	-0.30	(-0.36,-0.24)	0.03	2.22e-16***	-0.04	(-0.11,0.03)	0.03	0.256
Depression – loss of interest	-0.22	(-0.28,-0.16)	0.03	3.41e-13***	-0.02	(-0.08,0.04)	0.03	0.563
Anxiety symptoms composite	-0.20	(-0.26,-0.15)	0.03	9.96e-12***	0.03	(-0.03,0.09)	0.03	0.300
Anxiety – feel on edge	-0.22	(-0.28,-0.16)	0.03	2.91e-13***	0.02	(-0.03,0.08)	0.03	0.460
Anxiety – cannot stop worrying	-0.19	(-0.25,-0.13)	0.03	8.99e-11***	0.05	(-0.00,0.11)	0.03	0.056
Suffering	-0.26	(-0.31,-0.20)	0.03	2.22e-16***	-0.09	(-0.14,-0.04)	0.03	7.39e-04**
<i>Social Well-Being</i>								
Social support	0.21	(0.14,0.27)	0.03	7.26e-10***	0.04	(-0.01,0.10)	0.03	0.145
Intimate/close friend	0.09	(0.03,0.14)	0.03	2.21e-03**	0.01	(-0.03,0.06)	0.02	0.584
Government approval	0.03	(-0.03,0.09)	0.03	0.375	-0.01	(-0.06,0.05)	0.03	0.818
Say in government	0.01	(-0.04,0.06)	0.03	0.729	-0.05	(-0.09,0.00)	0.02	0.052
Belonging in country	0.15	(0.09,0.20)	0.03	1.14e-07***	0.04	(-0.00,0.09)	0.02	0.075
City/place satisfaction	0.18	(0.12,0.24)	0.03	1.23e-08***	0.08	(0.03,0.14)	0.03	2.93e-03**
Trust within country	0.04	(-0.01,0.09)	0.03	0.148	-0.06	(-0.10,-0.01)	0.02	0.013*
<i>Social Participation</i>								
Ever been married	-0.01	(-0.12,0.10)	0.06	0.804	-0.03	(-0.13,0.06)	0.05	0.474
Currently divorced	0.02	(-0.01,0.06)	0.02	0.236	0.00	(-0.03,0.04)	0.02	0.844
Number of children	0.02	(-0.04,0.08)	0.03	0.541	0.01	(-0.05,0.07)	0.03	0.771
Weekly+ community participation	0.05	(-0.01,0.10)	0.03	0.102	0.00	(-0.05,0.05)	0.03	0.890
Weekly+ religious attendance	0.08	(0.01,0.15)	0.03	0.021*	0.01	(-0.05,0.07)	0.03	0.759
<i>Social Distress</i>								
Loneliness	-0.27	(-0.32,-0.21)	0.03	2.22e-16***	-0.07	(-0.13,-0.01)	0.03	0.016*
Perceived discrimination	-0.15	(-0.21,-0.09)	0.03	1.03e-06***	-0.05	(-0.11,-0.00)	0.03	0.036*
<i>Character & Prosocial Behavior</i>								
Hope	0.30	(0.24,0.36)	0.03	2.22e-16***	0.11	(0.04,0.17)	0.03	9.23e-04**
Gratitude	0.30	(0.23,0.36)	0.03	2.22e-16***	0.10	(0.04,0.17)	0.03	1.32e-03**
Showing love/care	0.24	(0.19,0.30)	0.03	1.11e-15***	0.10	(0.05,0.15)	0.03	1.46e-04***
Forgivingness	0.06	(0.01,0.11)	0.03	0.020*	-0.01	(-0.05,0.04)	0.02	0.776
Charitable giving	0.04	(-0.01,0.10)	0.03	0.092	0.04	(-0.00,0.08)	0.02	0.071
Helping strangers	0.05	(-0.01,0.11)	0.03	0.075	0.05	(0.00,0.10)	0.03	0.042*
Volunteering	0.07	(0.01,0.12)	0.03	0.012*	0.05	(0.00,0.10)	0.02	0.031*
<i>Physical Health & Health Behavior</i>								
Health problems	-0.14	(-0.20,-0.08)	0.03	9.32e-06***	-0.06	(-0.11,-0.01)	0.03	0.025*
Pain in past 4 weeks	-0.17	(-0.22,-0.11)	0.03	9.2e-10***	-0.01	(-0.05,0.04)	0.02	0.800
Daily smoker	-0.01	(-0.06,0.05)	0.03	0.822	0.01	(-0.05,0.06)	0.03	0.775
Number of drinks per week	-0.04	(-0.08,0.01)	0.02	0.132	-0.03	(-0.08,0.02)	0.02	0.241
Days exercise per week	0.05	(-0.00,0.11)	0.03	0.072	0.02	(-0.03,0.06)	0.02	0.514
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.02	(-0.06,0.01)	0.02	0.219	-0.00	(-0.04,0.03)	0.02	0.921
Currently employed	0.06	(0.00,0.12)	0.03	0.046*	-0.03	(-0.09,0.03)	0.03	0.296
Financially comfortable/getting by	0.15	(0.09,0.20)	0.03	1.26e-07***	0.02	(-0.03,0.07)	0.03	0.511
Own home	0.03	(-0.02,0.08)	0.03	0.254	0.01	(-0.04,0.06)	0.02	0.693
Income – top quintile	0.01	(-0.05,0.07)	0.03	0.798	-0.01	(-0.07,0.04)	0.03	0.631
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.11	(0.05,0.17)	0.03	4.67e-04***	-0.01	(-0.07,0.05)	0.03	0.739
Belief in life after death	0.01	(-0.04,0.07)	0.03	0.637	-0.05	(-0.09,-0.00)	0.02	0.045*
Transformative religious experience	0.08	(0.02,0.14)	0.03	0.006*	0.05	(-0.00,0.11)	0.03	0.060
Religious reading or listening	0.05	(-0.02,0.13)	0.04	0.172	0.02	(-0.05,0.10)	0.04	0.518
Prayer or meditation	0.10	(0.04,0.16)	0.03	8.34e-04**	0.02	(-0.04,0.08)	0.03	0.519
Belief in God/gods/spiritual forces	0.09	(0.02,0.15)	0.03	0.007*	0.05	(-0.01,0.10)	0.03	0.098
Religious centrality	0.15	(0.09,0.21)	0.03	5.84e-07***	0.07	(-0.00,0.13)	0.03	0.052
Religious/spiritual comfort	0.12	(0.06,0.18)	0.03	2.57e-04***	0.01	(-0.05,0.08)	0.03	0.674
Feel loved by God	0.20	(0.15,0.26)	0.03	1.45e-11***	0.10	(0.04,0.16)	0.03	1.23e-03**
Feel punished by God	-0.02	(-0.09,0.06)	0.04	0.652	0.03	(-0.03,0.09)	0.03	0.289
Experienced religious criticism	-0.07	(-0.14,-0.01)	0.03	0.034*	-0.02	(-0.08,0.04)	0.03	0.434
Faith-sharing	0.04	(-0.01,0.09)	0.03	0.107	-0.03	(-0.08,0.02)	0.02	0.280

Notes. N=2932; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S9i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Argentina

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.42	2.36	2.18	2.11	2.25	2.14	2.02	1.89
Flourishing index	2.39	2.33	2.14	2.06	2.22	2.12	2.01	1.89
Happiness & life satisfaction	1.86	1.81	1.55	1.50	1.79	1.71	1.52	1.43
Physical & mental health	1.91	1.86	1.56	1.50	1.85	1.78	1.57	1.49
Meaning & purpose	1.91	1.85	1.60	1.53	1.82	1.74	1.53	1.44
Character & virtue	1.71	1.65	1.44	1.38	1.66	1.57	1.38	1.28
Close social relationships	1.74	1.69	1.47	1.42	1.63	1.56	1.39	1.31
Financial & material security	1.34	1.31	1.24	1.20	1.28	1.23	1.21	1.15
Individual Flourishing Index Items								
Life satisfaction	1.75	1.70	1.47	1.42	1.69	1.62	1.43	1.35
Happiness	1.76	1.71	1.42	1.36	1.70	1.62	1.41	1.32
Self-rated physical health	1.68	1.63	1.41	1.36	1.64	1.57	1.43	1.36
Self-rated mental health	1.74	1.69	1.39	1.34	1.68	1.62	1.39	1.31
Understanding purpose	1.66	1.61	1.41	1.36	1.61	1.55	1.39	1.32
Meaningful activities	1.74	1.69	1.44	1.38	1.65	1.57	1.36	1.25
Orientation to promote good	1.60	1.53	1.33	1.27	1.57	1.47	1.29	1.16
Delayed gratification	1.49	1.44	1.32	1.27	1.45	1.38	1.29	1.21
Relationship contentment	1.61	1.56	1.36	1.31	1.56	1.48	1.31	1.23
Relationship satisfaction	1.64	1.60	1.41	1.36	1.56	1.49	1.34	1.27
Financial security	1.33	1.30	1.22	1.18	1.27	1.22	1.20	1.14
Material security	1.30	1.26	1.20	1.17	1.26	1.21	1.21	1.15
Psychological Well-Being								
Current life evaluation	1.66	1.62	1.38	1.33	1.63	1.56	1.39	1.30
Future life evaluation	1.57	1.52	1.32	1.27	1.52	1.44	1.31	1.22
Optimism	1.54	1.48	1.29	1.22	1.52	1.44	1.26	1.14
Freedom to pursue what's important	1.67	1.62	1.39	1.34	1.64	1.56	1.37	1.28
Inner peace	1.83	1.62	1.40	1.18	1.72	1.41	1.30	1.00
Life balance	2.58	2.32	1.39	1.11	2.51	2.12	1.42	1.00
Sense of mastery	3.33	2.82	1.70	1.32	3.41	2.67	1.91	1.39
Psychological Distress								
Traumatic distress	1.80	1.62	1.33	1.10	1.71	1.40	1.39	1.00
Depression symptoms composite	2.92	2.68	1.37	1.07	2.89	2.50	1.51	1.00
Depression – feel hopeless	3.16	2.88	1.37	1.00	3.13	2.66	1.39	1.00
Depression – loss of interest	2.53	2.29	1.15	1.00	2.46	2.09	1.22	1.00
Anxiety symptoms composite	2.44	2.22	1.24	1.00	2.28	1.95	1.30	1.00
Anxiety – feel on edge	2.57	2.34	1.25	1.00	2.43	2.07	1.25	1.00
Anxiety – cannot stop worrying	2.26	2.05	1.44	1.19	2.26	1.92	1.47	1.00
Suffering	2.77	2.55	1.49	1.29	2.57	2.25	1.63	1.35
Social Well-Being								
Social support	1.44	1.39	1.18	1.12	1.37	1.29	1.14	1.00
Intimate/close friend	1.76	1.51	1.27	1.00	1.75	1.36	1.21	1.00
Government approval	1.42	1.14	1.35	1.09	1.31	1.00	1.13	1.00
Say in government	1.32	1.00	1.24	1.00	1.15	1.00	1.41	1.00
Belonging in country	1.39	1.34	1.17	1.12	1.30	1.23	1.15	1.00
City/place satisfaction	2.27	2.02	1.49	1.26	2.23	1.86	1.66	1.31
Trust within country	1.58	1.38	1.21	1.00	1.36	1.00	1.46	1.18
Social Participation								
Ever been married	1.40	1.00	1.17	1.00	1.19	1.00	1.33	1.00
Currently divorced	1.43	1.00	1.50	1.00	1.44	1.00	1.14	1.00
Number of children	1.16	1.00	1.12	1.00	1.13	1.00	1.08	1.00
Weekly+ community participation	1.45	1.18	1.12	1.00	1.47	1.00	1.10	1.00
Weekly+ religious attendance	1.88	1.62	1.40	1.09	1.70	1.20	1.18	1.00
Social Distress								
Loneliness	1.43	1.40	1.20	1.16	1.37	1.32	1.16	1.07
Perceived discrimination	2.02	1.77	1.43	1.18	2.14	1.74	1.51	1.10
Character & Prosocial Behavior								
Hope	1.71	1.65	1.38	1.31	1.64	1.55	1.32	1.18
Gratitude	1.61	1.56	1.31	1.25	1.55	1.46	1.27	1.16
Showing love/care	1.52	1.47	1.30	1.24	1.46	1.38	1.26	1.17
Forgivingness	1.47	1.24	1.05	1.00	1.53	1.16	1.13	1.00
Charitable giving	1.27	1.00	1.28	1.00	1.45	1.00	1.41	1.00
Helping strangers	1.37	1.09	1.47	1.28	1.44	1.00	1.44	1.07
Volunteering	1.58	1.34	1.52	1.29	1.59	1.22	1.49	1.11
Physical Health & Health Behavior								
Health problems	2.39	2.08	1.54	1.28	2.12	1.69	1.56	1.15
Pain in past 4 weeks	2.07	1.88	1.17	1.00	2.06	1.77	1.12	1.00
Daily smoker	1.36	1.04	1.11	1.00	1.13	1.00	1.14	1.00
Number of drinks per week	1.14	1.08	1.10	1.05	1.11	1.00	1.10	1.00
Days exercise per week	1.26	1.20	1.15	1.09	1.17	1.00	1.08	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.18	1.00	1.15	1.00	1.36	1.00	1.08	1.00
Currently employed	1.50	1.28	1.35	1.04	1.50	1.05	1.31	1.00
Financially comfortable/getting by	2.07	1.87	1.30	1.00	1.94	1.65	1.21	1.00
Own home	1.44	1.19	1.26	1.00	1.31	1.00	1.15	1.00
Income – top quintile	1.29	1.00	1.08	1.00	1.16	1.00	1.22	1.00
Religion & Spirituality								
Religious/spiritual connection	1.77	1.55	1.24	1.00	1.76	1.42	1.16	1.00
Belief in life after death	1.42	1.20	1.21	1.00	1.18	1.00	1.40	1.05
Transformative religious experience	1.44	1.20	1.34	1.05	1.60	1.27	1.44	1.00
Religious reading or listening	1.42	1.00	1.37	1.00	1.51	1.00	1.30	1.00
Prayer or meditation	1.73	1.52	1.47	1.24	1.71	1.38	1.24	1.00
Belief in God/gods/spiritual forces	1.82	1.52	1.45	1.12	1.78	1.32	1.50	1.00
Religious centrality	2.04	1.81	1.54	1.31	1.96	1.64	1.51	1.00
Religious/spiritual comfort	1.89	1.65	1.26	1.00	1.80	1.45	1.19	1.00
Feel loved by God	2.36	2.12	1.75	1.53	2.34	1.99	1.74	1.38
Feel punished by God	1.20	1.00	1.23	1.00	1.27	1.00	1.41	1.00
Experienced religious criticism	1.42	1.00	1.17	1.00	1.71	1.14	1.32	1.00
Faith-sharing	1.43	1.21	1.16	1.00	1.37	1.00	1.28	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S10a. Weighted summary statistics for demographic and childhood variables in Australia

Characteristic	Wave 1 N = 3,844	Wave 2 N = 2,578
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	167 (4.4%)	167 (6.5%)
1943-1953 (current age: 70-79 years)	459 (11.9%)	310 (12.0%)
1953-1963 (current age: 60-69 years)	532 (13.8%)	392 (15.2%)
1963-1973 (current age: 50-59 years)	659 (17.1%)	444 (17.2%)
1973-1983 (current age: 40-49 years)	607 (15.8%)	412 (16.0%)
1983-1993 (current age: 30-39 years)	674 (17.5%)	463 (18.0%)
1993-1998 (current age: 25-29 years)	313 (8.1%)	199 (7.7%)
1998-2005 (current age: 18-24 years)	431 (11.2%)	192 (7.4%)
(Missing)	1 (0.0%)	0 (<0.0%)
<i>Age of participant</i>		
Mean	48.3	50.4
Standard Deviation	18.3	18.3
Min, Max	18.0, 95.0	19.0, 95.0
(Missing)	1 (<0.1%)	0 (<0.1%)
<i>Gender, n (%)</i>		
Male	1,878 (48.9%)	1,265 (49.0%)
Female	1,920 (49.9%)	1,284 (49.8%)
Other	40 (1.0%)	26 (1.0%)
(Missing)	6 (0.2%)	3 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	949 (24.7%)	579 (22.5%)
Married	1,708 (44.4%)	1,219 (47.3%)
Separated	157 (4.1%)	92 (3.6%)
Divorced	319 (8.3%)	213 (8.3%)
Widowed	206 (5.4%)	150 (5.8%)
Domestic partner	467 (12.1%)	314 (12.2%)
(Missing)	38 (1.0%)	10 (0.4%)
<i>Education (years), n (%)</i>		
Up to 8	75 (1.9%)	38 (1.5%)
9-15	2,528 (65.8%)	1,604 (62.2%)
16+	1,230 (32.0%)	936 (36.3%)
(Missing)	11 (0.3%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,904 (49.5%)	1,275 (49.4%)
Self-employed	360 (9.4%)	211 (8.2%)
Retired	846 (22.0%)	608 (23.6%)
Student	218 (5.7%)	114 (4.4%)
Homemaker	148 (3.9%)	85 (3.3%)
Unemployed and looking for a job	145 (3.8%)	103 (4.0%)
None of these/Other	218 (5.7%)	150 (5.8%)
(Missing)	4 (0.1%)	32 (1.3%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	163 (4.3%)	113 (4.4%)
Once a week	292 (7.6%)	189 (7.3%)
One to three times a month	132 (3.4%)	76 (2.9%)
A few times a year	656 (17.1%)	422 (16.4%)
Never	2,594 (67.5%)	1,760 (68.3%)
(Missing)	7 (0.2%)	18 (0.7%)
<i>Immigration status, n (%)</i>		

Table S10a. Weighted summary statistics for demographic and childhood variables in Australia

Characteristic	Wave 1 N = 3,844	Wave 2 N = 2,578
Born in this country	2,971 (77.3%)	1,987 (77.1%)
Born in another country	866 (22.5%)	584 (22.6%)
(Missing)	7 (0.2%)	8 (0.3%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	3,011 (78.3%)	2,052 (79.6%)
Parents were divorced	479 (12.5%)	333 (12.9%)
Parents were never married	208 (5.4%)	110 (4.3%)
One or both of them had died	92 (2.4%)	66 (2.6%)
Unsure	13 (0.3%)	7 (0.3%)
(Missing)	41 (1.1%)	10 (0.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,329 (34.6%)	931 (36.1%)
One to three times a month	480 (12.5%)	336 (13.0%)
Less than once a month	609 (15.8%)	392 (15.2%)
Never	1,333 (34.7%)	875 (33.9%)
(Missing)	93 (2.4%)	44 (1.7%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	2,551 (66.4%)	1,706 (66.2%)
Somewhat good	923 (24.0%)	635 (24.6%)
Somewhat bad	220 (5.7%)	144 (5.6%)
Very bad	110 (2.9%)	62 (2.4%)
(Does not apply)	33 (0.9%)	29 (1.1%)
(Missing)	6 (0.2%)	3 (0.1%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	2,012 (52.3%)	1,337 (51.8%)
Somewhat good	1,144 (29.8%)	785 (30.4%)
Somewhat bad	319 (8.3%)	211 (8.2%)
Very bad	208 (5.4%)	142 (5.5%)
(Does not apply)	151 (3.9%)	99 (3.8%)
(Missing)	9 (0.2%)	5 (0.2%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	778 (20.2%)	511 (19.8%)
No	3,039 (79.0%)	2,043 (79.2%)
(Missing)	28 (0.7%)	24 (0.9%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	999 (26.0%)	693 (26.9%)
No	2,787 (72.5%)	1,865 (72.3%)
(Missing)	58 (1.5%)	21 (0.8%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,691 (44.0%)	1,133 (43.9%)
Very good	1,088 (28.3%)	729 (28.3%)
Good	620 (16.1%)	424 (16.4%)
Fair	329 (8.6%)	232 (9.0%)
Poor	112 (2.9%)	60 (2.3%)
(Missing)	4 (0.1%)	1 (0.0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,745 (45.4%)	1,178 (45.7%)
Got by	1,495 (38.9%)	1,011 (39.2%)
Found it difficult	433 (11.3%)	281 (10.9%)
Found it very difficult	155 (4.0%)	104 (4.0%)

Table S10a. Weighted summary statistics for demographic and childhood variables in Australia

Characteristic	Wave 1 N = 3,844	Wave 2 N = 2,578
(Missing)	15 (0.4%)	5 (0.2%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	2,625 (68.3%)	1,777 (68.9%)
Taoism	1 (0.0%)	1 (0.0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	4 (0.1%)	1 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	52 (1.4%)	37 (1.4%)
Hinduism	41 (1.1%)	22 (0.8%)
Buddhism	18 (0.5%)	4 (0.2%)
Judaism	28 (0.7%)	13 (0.5%)
Sikhism	7 (0.2%)	0 (0%)
Baha'i	4 (0.1%)	3 (0.1%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	8 (0.2%)	7 (0.3%)
No religion/Atheist/Agnostic	1,034 (26.9%)	702 (27.2%)
(Missing)	21 (0.5%)	12 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S10b. Weighted summary statistics for exposure and outcome variables in Australia

Outcome	Wave 1 N = 3,844	Wave 2 N = 2,578
<i>Secure flourishing index</i>		
Mean	6.9	6.9
Standard Deviation	1.6	1.7
Min, Max	1.0, 10.0	0.5, 10.0
(Missing)	38 (1.0%)	93 (3.6%)
<i>Flourishing index</i>		
Mean	7.0	6.9
Standard Deviation	1.6	1.6
Min, Max	1.2, 10.0	0.6, 10.0
(Missing)	33 (0.9%)	89 (3.5%)
<i>Happiness & life satisfaction</i>		
Mean	6.7	6.7
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	3 (<0.1%)
<i>Physical & mental health</i>		
Mean	6.6	6.5
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	64 (2.5%)
<i>Meaning & purpose</i>		
Mean	7.0	6.9
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	6 (0.2%)
<i>Character & virtue</i>		
Mean	7.5	7.5
Standard Deviation	1.5	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	11 (0.4%)
<i>Close social relationships</i>		
Mean	7.0	7.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	8 (0.3%)
<i>Financial & material security</i>		
Mean	6.9	6.8
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.1%)	5 (0.2%)
<i>Life satisfaction</i>		
Mean	6.7	6.7
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	1 (<0.1%)
<i>Happiness</i>		
Mean	6.8	6.8
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	1 (<0.1%)
<i>Self-rated physical health</i>		

Table S10b. Weighted summary statistics for exposure and outcome variables in Australia

Outcome	Wave 1 N = 3,844	Wave 2 N = 2,578
Mean	6.5	6.4
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	64 (2.5%)
<i>Self-rated mental health</i>		
Mean	6.7	6.7
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	13 (0.5%)
<i>Understanding purpose</i>		
Mean	6.8	6.7
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	5 (0.2%)
<i>Meaningful activities</i>		
Mean	7.2	7.1
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	1 (<0.1%)
<i>Orientation to promote good</i>		
Mean	7.8	7.9
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.1%)	10 (0.4%)
<i>Delayed gratification</i>		
Mean	7.2	7.2
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	1 (<0.1%)
<i>Relationship contentment</i>		
Mean	7.2	7.3
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	1 (<0.1%)
<i>Relationship satisfaction</i>		
Mean	6.8	6.9
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	7 (0.3%)
<i>Financial security</i>		
Mean	6.6	6.5
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	1 (<0.1%)
<i>Material security</i>		
Mean	7.2	7.1
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	4 (0.2%)
<i>Current life evaluation</i>		
Mean	6.7	6.7

Table S10b. Weighted summary statistics for exposure and outcome variables in Australia

Outcome	Wave 1 N = 3,844	Wave 2 N = 2,578
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	5 (0.2%)
<i>Future life evaluation</i>		
Mean	7.6	7.4
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	13 (0.5%)
<i>Optimism</i>		
Mean	7.3	7.3
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	52 (1.3%)	24 (0.9%)
<i>Freedom to pursue what's important</i>		
Mean	7.1	7.0
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	3 (0.1%)
<i>Inner peace, n (%)</i>		
Always	446 (11.6%)	287 (11.1%)
Often	2,500 (65.0%)	1,633 (63.3%)
Rarely	826 (21.5%)	604 (23.4%)
Never	62 (1.6%)	24 (0.9%)
(Missing)	10 (0.2%)	30 (1.2%)
<i>Life balance, n (%)</i>		
Always	237 (6.2%)	169 (6.6%)
Often	2,424 (63.1%)	1,637 (63.5%)
Rarely	1,088 (28.3%)	709 (27.5%)
Never	90 (2.3%)	51 (2.0%)
(Missing)	5 (0.1%)	12 (0.5%)
<i>Sense of mastery, n (%)</i>		
Always	536 (13.9%)	295 (11.5%)
Often	2,691 (70.0%)	1,789 (69.4%)
Rarely	555 (14.4%)	455 (17.6%)
Never	34 (0.9%)	25 (1.0%)
(Missing)	28 (0.7%)	14 (0.5%)
<i>Traumatic distress, n (%)</i>		
A lot	332 (8.6%)	217 (8.4%)
Some	836 (21.7%)	552 (21.4%)
Not very much	1,178 (30.6%)	849 (32.9%)
Not at all	1,496 (38.9%)	955 (37.0%)
(Missing)	3 (0.1%)	6 (0.2%)
<i>Depression symptoms composite, n (%)</i>	977 (25.4%)	613 (23.8%)
(Missing)	7 (0.2%)	7 (0.3%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	316 (8.2%)	210 (8.1%)
More than half the days	389 (10.1%)	273 (10.6%)
Several days	1,314 (34.2%)	921 (35.7%)
Not at all	1,821 (47.4%)	1,173 (45.5%)
(Missing)	4 (0.1%)	2 (0.1%)
<i>Depression – loss of interest, n (%)</i>		

Table S10b. Weighted summary statistics for exposure and outcome variables in Australia

Outcome	Wave 1 N = 3,844	Wave 2 N = 2,578
Nearly every day	305 (7.9%)	205 (7.9%)
More than half the days	567 (14.8%)	322 (12.5%)
Several days	1,326 (34.5%)	939 (36.4%)
Not at all	1,642 (42.7%)	1,107 (42.9%)
(Missing)	3 (0.1%)	6 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	927 (24.2%)	677 (26.3%)
(Missing)	11 (0.3%)	7 (0.3%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	385 (10.0%)	257 (10.0%)
More than half the days	449 (11.7%)	349 (13.5%)
Several days	1,625 (42.3%)	1,035 (40.2%)
Not at all	1,380 (35.9%)	932 (36.2%)
(Missing)	6 (0.2%)	5 (0.2%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	333 (8.7%)	219 (8.5%)
More than half the days	402 (10.5%)	317 (12.3%)
Several days	1,319 (34.3%)	870 (33.7%)
Not at all	1,784 (46.4%)	1,169 (45.3%)
(Missing)	5 (0.1%)	3 (0.1%)
<i>Suffering, n (%)</i>		
A lot	501 (13.0%)	356 (13.8%)
Some	1,464 (38.1%)	1,001 (38.8%)
Not very much	1,334 (34.7%)	835 (32.4%)
Not at all	532 (13.8%)	346 (13.4%)
(Missing)	13 (0.3%)	41 (1.6%)
<i>Social support</i>		
Mean	8.1	8.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	57 (2.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	3,186 (82.9%)	2,179 (84.5%)
No	566 (14.7%)	384 (14.9%)
(Missing)	91 (2.4%)	15 (0.6%)
<i>Government approval, n (%)</i>		
Strongly approve	341 (8.9%)	143 (5.5%)
Somewhat approve	1,252 (32.6%)	770 (29.9%)
Neither approve nor disapprove	990 (25.8%)	542 (21.0%)
Somewhat disapprove	827 (21.5%)	666 (25.8%)
Strongly disapprove	416 (10.8%)	450 (17.4%)
(Missing)	17 (0.4%)	8 (0.3%)
<i>Say in government, n (%)</i>		
Agree	1,434 (37.3%)	873 (33.9%)
Disagree	1,578 (41.1%)	1,177 (45.6%)
Unsure	820 (21.3%)	525 (20.4%)
(Missing)	12 (0.3%)	4 (0.1%)
<i>Belonging in country</i>		
Mean	7.7	7.6
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.8%)	22 (0.9%)

Table S10b. Weighted summary statistics for exposure and outcome variables in Australia

Outcome	Wave 1 N = 3,844	Wave 2 N = 2,578
<i>City/place satisfaction, n (%)</i>		
Satisfied	3,126 (81.3%)	2,005 (77.8%)
Dissatisfied	413 (10.7%)	300 (11.6%)
Unsure	215 (5.6%)	232 (9.0%)
(Missing)	90 (2.4%)	41 (1.6%)
<i>Trust within country, n (%)</i>		
All people	20 (0.5%)	1 (0.0%)
Most people	1,424 (37.1%)	961 (37.3%)
Some people	1,733 (45.1%)	1,160 (45.0%)
Not very many people	633 (16.5%)	436 (16.9%)
None	6 (0.2%)	19 (0.7%)
(Missing)	28 (0.7%)	2 (0.1%)
<i>Number of children</i>		
Mean	0.5	0.5
Standard Deviation	1.0	0.9
Min, Max	0.0, 6.0	0.0, 6.0
(Missing)	6 (0.1%)	574 (22%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	563 (14.7%)	403 (15.6%)
Once a week	508 (13.2%)	321 (12.5%)
One to three times a month	460 (12.0%)	388 (15.1%)
A few times a year	904 (23.5%)	565 (21.9%)
Never	1,402 (36.5%)	897 (34.8%)
(Missing)	6 (0.2%)	5 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	163 (4.3%)	113 (4.4%)
Once a week	292 (7.6%)	189 (7.3%)
One to three times a month	132 (3.4%)	76 (2.9%)
A few times a year	656 (17.1%)	422 (16.4%)
Never	2,594 (67.5%)	1,760 (68.3%)
(Missing)	7 (0.2%)	18 (0.7%)
<i>Loneliness</i>		
Mean	3.4	3.4
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	1 (<0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	118 (3.1%)	73 (2.8%)
Often	582 (15.1%)	444 (17.2%)
Rarely	2,014 (52.4%)	1,294 (50.2%)
Never	1,125 (29.3%)	766 (29.7%)
(Missing)	5 (0.1%)	1 (0.0%)
<i>Hope</i>		
Mean	7.7	7.5
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	152 (4.0%)	62 (2.4%)
<i>Gratitude</i>		
Mean	7.8	7.8
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0

Table S10b. Weighted summary statistics for exposure and outcome variables in Australia

Outcome	Wave 1 N = 3,844	Wave 2 N = 2,578
(Missing)	147 (3.8%)	63 (2.5%)
<i>Showing love/care</i>		
Mean	8.3	8.3
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	16 (0.6%)
<i>Forgivingness, n (%)</i>		
Always	628 (16.3%)	429 (16.7%)
Often	2,374 (61.8%)	1,607 (62.3%)
Rarely	745 (19.4%)	476 (18.5%)
Never	89 (2.3%)	62 (2.4%)
(Missing)	8 (0.2%)	4 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	2,000 (52.0%)	1,374 (53.3%)
No	1,834 (47.7%)	1,183 (45.9%)
(Missing)	9 (0.2%)	22 (0.8%)
<i>Helping strangers, n (%)</i>		
Yes	2,356 (61.3%)	1,547 (60.0%)
No	1,453 (37.8%)	1,026 (39.8%)
(Missing)	35 (0.9%)	6 (0.2%)
<i>Volunteering, n (%)</i>		
Yes	1,255 (32.7%)	865 (33.6%)
No	2,586 (67.3%)	1,706 (66.2%)
(Missing)	3 (0.1%)	7 (0.3%)
<i>Health problems, n (%)</i>		
Yes	1,055 (27.5%)	804 (31.2%)
No	2,747 (71.5%)	1,768 (68.6%)
(Missing)	42 (1.1%)	6 (0.3%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	617 (16.0%)	451 (17.5%)
Some	1,535 (39.9%)	1,030 (39.9%)
Not very much	1,246 (32.4%)	837 (32.5%)
None at all	438 (11.4%)	243 (9.4%)
(Missing)	8 (0.2%)	18 (0.7%)
<i>Number of drinks per week</i>		
Mean	4.6	4.0
Standard Deviation	8.4	7.3
Min, Max	0.0, 97.0	0.0, 80.0
(Missing)	29 (0.8%)	99 (3.9%)
<i>Days exercise per week</i>		
Mean	2.7	2.7
Standard Deviation	2.3	2.2
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	3 (<0.1%)	4 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	75 (1.9%)	38 (1.5%)
9-15	2,528 (65.8%)	1,604 (62.2%)
16+	1,230 (32.0%)	936 (36.3%)
(Missing)	11 (0.3%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,904 (49.5%)	1,275 (49.4%)

Table S10b. Weighted summary statistics for exposure and outcome variables in Australia

Outcome	Wave 1 N = 3,844	Wave 2 N = 2,578
Self-employed	360 (9.4%)	211 (8.2%)
Retired	846 (22.0%)	608 (23.6%)
Student	218 (5.7%)	114 (4.4%)
Homemaker	148 (3.9%)	85 (3.3%)
Unemployed and looking for a job	145 (3.8%)	103 (4.0%)
None of these/Other	218 (5.7%)	150 (5.8%)
(Missing)	4 (0.1%)	32 (1.3%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,748 (45.5%)	1,032 (40.0%)
Getting by on present income	1,409 (36.6%)	1,011 (39.2%)
Finding it difficult on present income	470 (12.2%)	395 (15.3%)
Finding it very difficult on present income	170 (4.4%)	127 (4.9%)
(Missing)	47 (1.2%)	13 (0.5%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	2,392 (62.2%)	1,667 (64.7%)
Someone in this household rents this home	1,027 (26.7%)	598 (23.2%)
Both	171 (4.4%)	140 (5.4%)
Neither	215 (5.6%)	152 (5.9%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	39 (1.0%)	20 (0.8%)
<i>Religious/spiritual connection, n (%)</i>		
Always	601 (15.6%)	385 (14.9%)
Often	805 (20.9%)	485 (18.8%)
Rarely	1,215 (31.6%)	826 (32.0%)
Never	1,220 (31.7%)	880 (34.1%)
(Missing)	3 (0.1%)	2 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	1,392 (36.2%)	885 (34.3%)
No	1,196 (31.1%)	849 (32.9%)
Unsure	1,234 (32.1%)	820 (31.8%)
(Missing)	22 (0.6%)	25 (1.0%)
<i>Transformative religious experience, n (%)</i>		
Yes	966 (25.1%)	569 (22.1%)
No	2,864 (74.5%)	1,998 (77.5%)
(Missing)	14 (0.4%)	11 (0.4%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	103 (2.7%)	83 (3.2%)
About once a day	290 (7.5%)	187 (7.3%)
Sometimes	1,038 (27.0%)	619 (24.0%)
Never	2,381 (61.9%)	1,670 (64.8%)
(Missing)	32 (0.8%)	19 (0.7%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	317 (8.2%)	222 (8.6%)
About once a day	487 (12.7%)	284 (11.0%)
Sometimes	1,382 (35.9%)	895 (34.7%)
Never	1,642 (42.7%)	1,163 (45.1%)
(Missing)	17 (0.4%)	14 (0.5%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	1,243 (32.3%)	801 (31.1%)

Table S10b. Weighted summary statistics for exposure and outcome variables in Australia

Outcome	Wave 1 N = 3,844	Wave 2 N = 2,578
More than one god	65 (1.7%)	51 (2.0%)
An impersonal spiritual force	741 (19.3%)	477 (18.5%)
None of these	1,170 (30.4%)	870 (33.7%)
Unsure	613 (15.9%)	369 (14.3%)
(Missing)	12 (0.3%)	10 (0.4%)
<i>Religious centrality, n (%)</i>		
Agree	961 (25.0%)	608 (23.6%)
Disagree	724 (18.8%)	415 (16.1%)
Not relevant	1,812 (47.1%)	1,348 (52.3%)
Unsure	335 (8.7%)	199 (7.7%)
(Missing)	13 (0.3%)	8 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,249 (32.5%)	771 (29.9%)
Disagree	524 (13.6%)	309 (12.0%)
Not relevant	1,771 (46.1%)	1,287 (49.9%)
Unsure	290 (7.5%)	207 (8.0%)
(Missing)	10 (0.3%)	4 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	1,105 (28.7%)	702 (27.2%)
Disagree	543 (14.1%)	345 (13.4%)
Not relevant	1,764 (45.9%)	1,255 (48.7%)
Unsure	422 (11.0%)	264 (10.2%)
(Missing)	10 (0.3%)	13 (0.5%)
<i>Feel punished by God, n (%)</i>		
Agree	165 (4.3%)	109 (4.2%)
Disagree	1,794 (46.7%)	1,122 (43.5%)
Not relevant	1,624 (42.3%)	1,174 (45.6%)
Unsure	249 (6.5%)	168 (6.5%)
(Missing)	12 (0.3%)	5 (0.2%)
<i>Experienced religious criticism, n (%)</i>		
Agree	185 (4.8%)	117 (4.5%)
Disagree	971 (25.3%)	629 (24.4%)
Not relevant	2,418 (62.9%)	1,682 (65.3%)
Unsure	260 (6.8%)	141 (5.5%)
(Missing)	10 (0.3%)	8 (0.3%)
<i>Faith-sharing, n (%)</i>		
Agree	883 (23.0%)	592 (23.0%)
Disagree	855 (22.2%)	566 (22.0%)
Not relevant	1,925 (50.1%)	1,315 (51.0%)
Unsure	176 (4.6%)	98 (3.8%)
(Missing)	5 (0.1%)	8 (0.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S10c. Unweighted summary statistics for demographic and childhood variables in Australia by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 1,435	Retained-Observed in Wave 2 N = 2,411
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	56 (3.9%)	112 (4.6%)
1943-1953 (current age: 70-79 years)	149 (10.4%)	311 (12.9%)
1953-1963 (current age: 60-69 years)	148 (10.3%)	387 (16.1%)
1963-1973 (current age: 50-59 years)	218 (15.2%)	443 (18.4%)
1973-1983 (current age: 40-49 years)	230 (16.0%)	378 (15.7%)
1983-1993 (current age: 30-39 years)	265 (18.5%)	408 (16.9%)
1993-1998 (current age: 25-29 years)	136 (9.5%)	176 (7.3%)
1998-2005 (current age: 18-24 years)	232 (16.2%)	195 (8.1%)
(Missing)	1 (0.1%)	0 (0.0%)
<i>Age of participant</i>		
Mean	45.1	50.4
Standard Deviation	18.7	17.8
Min, Max	18.0, 95.0	18.0, 94.0
<i>Gender, n (%)</i>		
Male	705 (49.1%)	1,174 (48.7%)
Female	711 (49.6%)	1,210 (50.2%)
Other	16 (1.1%)	24 (1.0%)
(Missing)	3 (0.2%)	3 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	422 (29.4%)	524 (21.7%)
Married	551 (38.4%)	1,163 (48.3%)
Separated	63 (4.4%)	93 (3.9%)
Divorced	104 (7.3%)	215 (8.9%)
Widowed	71 (4.9%)	136 (5.6%)
Domestic partner	198 (13.8%)	268 (11.1%)
(Missing)	26 (1.8%)	12 (0.5%)
<i>Education (years), n (%)</i>		
Up to 8	31 (2.1%)	44 (1.8%)
9-15	982 (68.4%)	1,545 (64.1%)
16+	419 (29.2%)	813 (33.7%)
(Missing)	3 (0.2%)	9 (0.4%)
<i>Employment status, n (%)</i>		
Employed for an employer	734 (51.2%)	1,169 (48.5%)
Self-employed	119 (8.3%)	242 (10.1%)
Retired	253 (17.6%)	598 (24.8%)
Student	112 (7.8%)	105 (4.3%)
Homemaker	66 (4.6%)	82 (3.4%)
Unemployed and looking for a job	67 (4.7%)	77 (3.2%)
None of these/Other	83 (5.8%)	135 (5.6%)
(Missing)	1 (0.1%)	3 (0.1%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	58 (4.0%)	106 (4.4%)
Once a week	104 (7.2%)	188 (7.8%)
One to three times a month	59 (4.1%)	72 (3.0%)
A few times a year	265 (18.5%)	390 (16.2%)
Never	949 (66.1%)	1,648 (68.3%)
(Missing)	0 (0.0%)	7 (0.3%)
<i>Immigration status, n (%)</i>		

Table S10c. Unweighted summary statistics for demographic and childhood variables in Australia by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 1,435	Retained-Observed in Wave 2 N = 2,411
Born in this country	1,092 (76.1%)	1,881 (78.0%)
Born in another country	343 (23.9%)	523 (21.7%)
(Missing)	0 (<0.0%)	7 (0.3%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	1,073 (74.8%)	1,942 (80.6%)
Parents were divorced	184 (12.8%)	295 (12.2%)
Parents were never married	110 (7.7%)	96 (4.0%)
One or both of them had died	32 (2.2%)	61 (2.5%)
Unsure	6 (0.4%)	6 (0.3%)
(Missing)	30 (2.1%)	9 (0.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	450 (31.3%)	883 (36.6%)
One to three times a month	170 (11.9%)	311 (12.9%)
Less than once a month	243 (16.9%)	365 (15.1%)
Never	519 (36.2%)	813 (33.7%)
(Missing)	53 (3.7%)	39 (1.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	953 (66.4%)	1,599 (66.3%)
Somewhat good	338 (23.6%)	586 (24.3%)
Somewhat bad	83 (5.8%)	138 (5.7%)
Very bad	50 (3.5%)	60 (2.5%)
(Does not apply)	8 (0.5%)	25 (1.1%)
(Missing)	4 (0.2%)	3 (0.1%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	741 (51.6%)	1,273 (52.8%)
Somewhat good	429 (29.9%)	716 (29.7%)
Somewhat bad	122 (8.5%)	198 (8.2%)
Very bad	79 (5.5%)	129 (5.4%)
(Does not apply)	60 (4.2%)	92 (3.8%)
(Missing)	5 (0.4%)	4 (0.2%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	311 (21.7%)	466 (19.3%)
No	1,115 (77.7%)	1,926 (79.9%)
(Missing)	8 (0.6%)	19 (0.8%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	360 (25.1%)	641 (26.6%)
No	1,038 (72.3%)	1,750 (72.6%)
(Missing)	38 (2.6%)	20 (0.8%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	607 (42.3%)	1,086 (45.0%)
Very good	407 (28.3%)	682 (28.3%)
Good	237 (16.5%)	383 (15.9%)
Fair	125 (8.7%)	204 (8.5%)
Poor	56 (3.9%)	55 (2.3%)
(Missing)	3 (0.2%)	1 (0.0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	650 (45.3%)	1,095 (45.4%)

Table S10c. Unweighted summary statistics for demographic and childhood variables in Australia by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 1,435	Retained-Observed in Wave 2 N = 2,411
Got by	543 (37.9%)	953 (39.5%)
Found it difficult	171 (11.9%)	262 (10.9%)
Found it very difficult	59 (4.1%)	96 (4.0%)
(Missing)	11 (0.7%)	5 (0.2%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	929 (64.8%)	1,699 (70.5%)
Taoism	0 (0%)	1 (0.0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	3 (0.2%)	1 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	23 (1.6%)	29 (1.2%)
Hinduism	24 (1.6%)	17 (0.7%)
Buddhism	14 (1.0%)	4 (0.2%)
Judaism	18 (1.2%)	10 (0.4%)
Sikhism	7 (0.5%)	0 (0%)
Baha'i	2 (0.2%)	2 (0.1%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	2 (0.2%)	6 (0.3%)
No religion/Atheist/Agnostic	404 (28.1%)	630 (26.1%)
(Missing)	9 (0.6%)	12 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S10d. Unweighted summary statistics for Wave 1 outcome variables in Australia by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,435	Wave 2 N = 2,411
<i>Secure flourishing index</i>		
Mean	6.8	7.0
Standard Deviation	1.6	1.6
Min, Max	1.1, 10.0	1.0, 10.0
(Missing)	23 (1.6%)	15 (0.6%)
<i>Flourishing index</i>		
Mean	6.9	7.0
Standard Deviation	1.6	1.6
Min, Max	1.2, 10.0	1.2, 10.0
(Missing)	19 (1.3%)	14 (0.6%)
<i>Happiness & life satisfaction</i>		
Mean	6.6	6.8
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.3%)	5 (0.2%)
<i>Physical & mental health</i>		
Mean	6.5	6.6
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.4%)	2 (<0.1%)
<i>Meaning & purpose</i>		
Mean	6.8	7.0
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.2%)	2 (<0.1%)
<i>Character & virtue</i>		
Mean	7.4	7.5
Standard Deviation	1.5	1.5
Min, Max	2.0, 10.0	0.0, 10.0
(Missing)	8 (0.6%)	1 (<0.1%)
<i>Close social relationships</i>		
Mean	6.9	7.0
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.3%)	4 (0.1%)
<i>Financial & material security</i>		
Mean	6.5	7.1
Standard Deviation	2.9	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.3%)	1 (<0.1%)
<i>Life satisfaction</i>		
Mean	6.5	6.8
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.3%)	4 (0.2%)
<i>Happiness</i>		
Mean	6.7	6.9
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0

Table S10d. Unweighted summary statistics for Wave 1 outcome variables in Australia by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,435	Wave 2 N = 2,411
(Missing)	3 (0.2%)	2 (<0.1%)
<i>Self-rated physical health</i>		
Mean	6.4	6.5
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.2%)	2 (<0.1%)
<i>Self-rated mental health</i>		
Mean	6.6	6.8
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	1 (<0.1%)
<i>Understanding purpose</i>		
Mean	6.6	6.8
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	1 (<0.1%)
<i>Meaningful activities</i>		
Mean	7.1	7.2
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (<0.1%)
<i>Orientation to promote good</i>		
Mean	7.8	7.9
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.3%)	1 (<0.1%)
<i>Delayed gratification</i>		
Mean	7.1	7.2
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.2%)	0 (<0.1%)
<i>Relationship contentment</i>		
Mean	7.1	7.3
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.2%)	3 (0.1%)
<i>Relationship satisfaction</i>		
Mean	6.8	6.8
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.1%)	1 (<0.1%)
<i>Financial security</i>		
Mean	6.2	6.8
Standard Deviation	3.1	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (<0.1%)	1 (<0.1%)
<i>Material security</i>		
Mean	6.9	7.4
Standard Deviation	2.9	2.7

Table S10d. Unweighted summary statistics for Wave 1 outcome variables in Australia by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,435	Wave 2 N = 2,411
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.3%)	0 (0%)
<i>Current life evaluation</i>		
Mean	6.5	6.9
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	2 (<0.1%)
<i>Future life evaluation</i>		
Mean	7.6	7.6
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	3 (0.1%)
<i>Optimism</i>		
Mean	7.2	7.4
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (1.5%)	30 (1.2%)
<i>Freedom to pursue what's important</i>		
Mean	6.9	7.2
Standard Deviation	2.7	2.5
Min, Max	0.0, 10.0	0.0, 10.0
<i>Inner peace, n (%)</i>		
Always	151 (10.5%)	296 (12.3%)
Often	926 (64.5%)	1,575 (65.3%)
Rarely	333 (23.2%)	492 (20.4%)
Never	22 (1.6%)	40 (1.7%)
(Missing)	2 (0.2%)	8 (0.3%)
<i>Life balance, n (%)</i>		
Always	73 (5.1%)	166 (6.9%)
Often	891 (62.1%)	1,535 (63.7%)
Rarely	439 (30.6%)	647 (26.9%)
Never	30 (2.1%)	60 (2.5%)
(Missing)	2 (0.1%)	3 (0.1%)
<i>Sense of mastery, n (%)</i>		
Always	178 (12.4%)	359 (14.9%)
Often	1,002 (69.8%)	1,690 (70.1%)
Rarely	225 (15.6%)	330 (13.7%)
Never	13 (0.9%)	21 (0.9%)
(Missing)	17 (1.2%)	11 (0.4%)
<i>Traumatic distress, n (%)</i>		
A lot	144 (10.1%)	186 (7.7%)
Some	332 (23.1%)	503 (20.9%)
Not very much	434 (30.3%)	744 (30.9%)
Not at all	522 (36.4%)	976 (40.5%)
(Missing)	2 (0.1%)	1 (0.0%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	381 (26.6%)	595 (24.7%)
	4 (0.3%)	2 (<0.1%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	139 (9.7%)	176 (7.3%)

Table S10d. Unweighted summary statistics for Wave 1 outcome variables in Australia by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 1,435	N = 2,411
More than half the days	135 (9.4%)	254 (10.5%)
Several days	502 (35.0%)	812 (33.7%)
Not at all	656 (45.7%)	1,167 (48.4%)
(Missing)	2 (0.2%)	1 (0.1%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	125 (8.7%)	179 (7.4%)
More than half the days	225 (15.7%)	342 (14.2%)
Several days	505 (35.2%)	821 (34.0%)
Not at all	577 (40.2%)	1,068 (44.3%)
(Missing)	2 (0.1%)	1 (0.0%)
<i>Anxiety symptoms composite, n (%)</i>	383 (26.7%)	542 (22.6%)
(Missing)	1 (<0.1%)	10 (0.4%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	173 (12.1%)	210 (8.7%)
More than half the days	167 (11.7%)	281 (11.7%)
Several days	609 (42.5%)	1,016 (42.1%)
Not at all	485 (33.8%)	898 (37.2%)
(Missing)	0 (0.0%)	6 (0.2%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	161 (11.2%)	171 (7.1%)
More than half the days	156 (10.9%)	245 (10.2%)
Several days	471 (32.8%)	851 (35.3%)
Not at all	647 (45.1%)	1,139 (47.3%)
(Missing)	1 (0.0%)	5 (0.2%)
<i>Suffering, n (%)</i>		
A lot	214 (14.9%)	285 (11.8%)
Some	544 (37.9%)	921 (38.2%)
Not very much	485 (33.8%)	850 (35.3%)
Not at all	184 (12.8%)	349 (14.5%)
(Missing)	8 (0.6%)	5 (0.2%)
<i>Social support</i>		
Mean	7.9	8.2
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.5%)	3 (0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	1,140 (79.5%)	2,051 (85.1%)
No	240 (16.7%)	325 (13.5%)
(Missing)	55 (3.8%)	35 (1.4%)
<i>Government approval, n (%)</i>		
Strongly approve	104 (7.2%)	239 (9.9%)
Somewhat approve	435 (30.3%)	820 (34.0%)
Neither approve nor disapprove	412 (28.7%)	576 (23.9%)
Somewhat disapprove	321 (22.4%)	506 (21.0%)
Strongly disapprove	156 (10.9%)	260 (10.8%)
(Missing)	7 (0.5%)	10 (0.4%)
<i>Say in government, n (%)</i>		
Agree	492 (34.3%)	946 (39.2%)
Disagree	615 (42.9%)	962 (39.9%)

Table S10d. Unweighted summary statistics for Wave 1 outcome variables in Australia by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,435	N = 2,411
Unsure	320 (22.3%)	499 (20.7%)
(Missing)	7 (0.5%)	4 (0.2%)
<i>Belonging in country</i>		
Mean	7.6	7.8
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (1.5%)	9 (0.4%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	1,120 (78.1%)	2,010 (83.4%)
Dissatisfied	166 (11.5%)	247 (10.2%)
Unsure	98 (6.8%)	116 (4.8%)
(Missing)	51 (3.6%)	38 (1.6%)
<i>Trust within country, n (%)</i>		
All people	5 (0.4%)	15 (0.6%)
Most people	485 (33.8%)	943 (39.1%)
Some people	644 (44.9%)	1,090 (45.2%)
Not very many people	284 (19.8%)	346 (14.4%)
None	3 (0.2%)	3 (0.1%)
(Missing)	13 (0.9%)	15 (0.6%)
<i>Number of children</i>		
Mean	0.6	0.5
Standard Deviation	1.0	1.0
Min, Max	0.0, 6.0	0.0, 6.0
(Missing)	3 (0.2%)	2 (<0.1%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	182 (12.7%)	383 (15.9%)
Once a week	170 (11.9%)	339 (14.1%)
One to three times a month	167 (11.6%)	294 (12.2%)
A few times a year	332 (23.2%)	572 (23.7%)
Never	581 (40.5%)	819 (34.0%)
(Missing)	3 (0.2%)	3 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	58 (4.0%)	106 (4.4%)
Once a week	104 (7.2%)	188 (7.8%)
One to three times a month	59 (4.1%)	72 (3.0%)
A few times a year	265 (18.5%)	390 (16.2%)
Never	949 (66.1%)	1,648 (68.3%)
(Missing)	0 (0.0%)	7 (0.3%)
<i>Loneliness</i>		
Mean	3.6	3.3
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Perceived discrimination, n (%)</i>		
Always	46 (3.2%)	73 (3.0%)
Often	226 (15.8%)	355 (14.7%)
Rarely	774 (54.0%)	1,239 (51.4%)
Never	387 (26.9%)	741 (30.7%)
(Missing)	2 (0.2%)	3 (0.1%)
<i>Hope</i>		

Table S10d. Unweighted summary statistics for Wave 1 outcome variables in Australia by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2 N = 1,435	Wave 2 N = 2,411
Mean	7.7	7.6
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	58 (4.0%)	94 (3.9%)
<i>Gratitude</i>		
Mean	7.7	7.8
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	58 (4.1%)	89 (3.7%)
<i>Showing love/care</i>		
Mean	8.2	8.3
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Forgivingness, n (%)</i>		
Always	233 (16.3%)	396 (16.4%)
Often	897 (62.5%)	1,477 (61.3%)
Rarely	259 (18.0%)	488 (20.2%)
Never	42 (3.0%)	46 (1.9%)
(Missing)	4 (0.3%)	4 (0.2%)
<i>Charitable giving, n (%)</i>		
Yes	733 (51.1%)	1,269 (52.7%)
No	699 (48.7%)	1,135 (47.1%)
(Missing)	3 (0.2%)	6 (0.3%)
<i>Helping strangers, n (%)</i>		
Yes	883 (61.6%)	1,473 (61.1%)
No	544 (37.9%)	910 (37.7%)
(Missing)	8 (0.5%)	28 (1.1%)
<i>Volunteering, n (%)</i>		
Yes	410 (28.6%)	850 (35.2%)
No	1,025 (71.4%)	1,559 (64.6%)
(Missing)	0 (0%)	3 (0.1%)
<i>Health problems, n (%)</i>		
Yes	381 (26.5%)	676 (28.0%)
No	1,034 (72.1%)	1,714 (71.1%)
(Missing)	20 (1.4%)	22 (0.9%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	232 (16.2%)	385 (16.0%)
Some	560 (39.0%)	977 (40.5%)
Not very much	453 (31.6%)	795 (33.0%)
None at all	186 (12.9%)	251 (10.4%)
(Missing)	5 (0.3%)	4 (0.2%)
<i>Number of drinks per week</i>		
Mean	4.6	4.6
Standard Deviation	8.3	8.5
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	16 (1.1%)	13 (0.5%)
<i>Days exercise per week</i>		
Mean	2.5	2.7
Standard Deviation	2.3	2.3

Table S10d. Unweighted summary statistics for Wave 1 outcome variables in Australia by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 1,435	N = 2,411
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	2 (0.1%)	1 (<0.1%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	31 (2.1%)	44 (1.8%)
9-15	982 (68.4%)	1,545 (64.1%)
16+	419 (29.2%)	813 (33.7%)
(Missing)	3 (0.2%)	9 (0.4%)
<i>Currently employed, n (%)</i>		
Employed for an employer	734 (51.2%)	1,169 (48.5%)
Self-employed	119 (8.3%)	242 (10.1%)
Retired	253 (17.6%)	598 (24.8%)
Student	112 (7.8%)	105 (4.3%)
Homemaker	66 (4.6%)	82 (3.4%)
Unemployed and looking for a job	67 (4.7%)	77 (3.2%)
None of these/Other	83 (5.8%)	135 (5.6%)
(Missing)	1 (0.1%)	3 (0.1%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	563 (39.2%)	1,192 (49.4%)
Getting by on present income	559 (39.0%)	848 (35.2%)
Finding it difficult on present income	189 (13.2%)	280 (11.6%)
Finding it very difficult on present income	89 (6.2%)	79 (3.3%)
(Missing)	34 (2.4%)	12 (0.5%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	795 (55.4%)	1,604 (66.6%)
Someone in this household rents this home	446 (31.1%)	578 (24.0%)
Both	62 (4.3%)	109 (4.5%)
Neither	102 (7.1%)	112 (4.6%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	31 (2.1%)	7 (0.3%)
<i>Religious/spiritual connection, n (%)</i>		
Always	216 (15.1%)	385 (16.0%)
Often	337 (23.5%)	466 (19.3%)
Rarely	440 (30.7%)	777 (32.2%)
Never	441 (30.8%)	780 (32.4%)
(Missing)	1 (0.0%)	2 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	543 (37.8%)	849 (35.2%)
No	401 (27.9%)	799 (33.1%)
Unsure	477 (33.2%)	757 (31.4%)
(Missing)	14 (1.0%)	7 (0.3%)
<i>Transformative religious experience, n (%)</i>		
Yes	406 (28.3%)	558 (23.1%)
No	1,025 (71.5%)	1,842 (76.4%)
(Missing)	4 (0.3%)	10 (0.4%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	43 (3.0%)	60 (2.5%)
About once a day	105 (7.3%)	185 (7.7%)

Table S10d. Unweighted summary statistics for Wave 1 outcome variables in Australia by retention status.

Outcome	Attrit	Observed in Wave 2	Not Retained	Observed in Wave 2
		N = 1,435		N = 2,411
Sometimes		416 (29.0%)		621 (25.7%)
Never		858 (59.8%)		1,526 (63.3%)
(Missing)		14 (1.0%)		19 (0.8%)
<i>Prayer or meditation, n (%)</i>				
More than once a day		120 (8.3%)		197 (8.2%)
About once a day		196 (13.6%)		291 (12.1%)
Sometimes		486 (33.9%)		898 (37.2%)
Never		628 (43.8%)		1,013 (42.0%)
(Missing)		5 (0.3%)		12 (0.5%)
<i>Belief in God/gods/spiritual forces, n (%)</i>				
One God		469 (32.7%)		775 (32.1%)
More than one god		26 (1.8%)		39 (1.6%)
An impersonal spiritual force		288 (20.1%)		453 (18.8%)
None of these		418 (29.1%)		754 (31.3%)
Unsure		226 (15.8%)		387 (16.0%)
(Missing)		8 (0.6%)		4 (0.2%)
<i>Religious centrality, n (%)</i>				
Agree		353 (24.6%)		609 (25.2%)
Disagree		266 (18.5%)		458 (19.0%)
Not relevant		670 (46.7%)		1,143 (47.4%)
Unsure		140 (9.8%)		194 (8.0%)
(Missing)		5 (0.4%)		8 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>				
Agree		487 (34.0%)		761 (31.6%)
Disagree		183 (12.7%)		342 (14.2%)
Not relevant		636 (44.3%)		1,137 (47.2%)
Unsure		124 (8.6%)		165 (6.9%)
(Missing)		5 (0.4%)		5 (0.2%)
<i>Feel loved by God, n (%)</i>				
Agree		433 (30.2%)		671 (27.8%)
Disagree		206 (14.4%)		337 (14.0%)
Not relevant		640 (44.6%)		1,126 (46.7%)
Unsure		148 (10.3%)		275 (11.4%)
(Missing)		8 (0.6%)		2 (0.1%)
<i>Feel punished by God, n (%)</i>				
Agree		84 (5.9%)		79 (3.3%)
Disagree		644 (44.9%)		1,152 (47.8%)
Not relevant		591 (41.2%)		1,035 (42.9%)
Unsure		107 (7.5%)		141 (5.8%)
(Missing)		8 (0.6%)		4 (0.2%)
<i>Experienced religious criticism, n (%)</i>				
Agree		85 (5.9%)		99 (4.1%)
Disagree		367 (25.6%)		604 (25.1%)
Not relevant		867 (60.4%)		1,554 (64.5%)
Unsure		107 (7.4%)		152 (6.3%)
(Missing)		9 (0.6%)		1 (0.0%)
<i>Faith-sharing, n (%)</i>				
Agree		358 (24.9%)		524 (21.7%)
Disagree		301 (21.0%)		555 (23.0%)

Table S10d. Unweighted summary statistics for Wave 1 outcome variables in Australia by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,435	N = 2,411
Not relevant	695 (48.4%)	1,233 (51.2%)
Unsure	78 (5.4%)	97 (4.0%)
(Missing)	4 (0.3%)	1 (0.0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S10e. Summary of fitted attrition model in Australia

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.79	0.67, 0.92	0.003
Happiness & life satisfaction	1.11	0.93, 1.34	0.248
Physical & mental health	0.91	0.77, 1.06	0.222
Meaning & purpose	0.97	0.83, 1.14	0.749
Character & virtue	0.94	0.84, 1.05	0.291
Close social relationships	0.92	0.80, 1.06	0.263
Financial & material security	1.17	1.04, 1.32	0.008
Extraversion	0.89	0.81, 0.99	0.025
Openness to experience	1.07	0.97, 1.18	0.210
Agreeableness	1.11	1.01, 1.23	0.038
Conscientiousness	1.15	1.03, 1.29	0.015
Neuroticism	0.94	0.83, 1.06	0.311
Depression symptoms composite	1.09	0.96, 1.23	0.205
Anxiety symptoms composite	0.95	0.84, 1.08	0.466
Loneliness	0.98	0.85, 1.12	0.737
Days exercise per week	1.09	0.99, 1.20	0.083
Year of birth (age group)			
1953-1963 (current age: 60-69 years)	—	—	
1963-1973 (current age: 50-59 years)	0.91	0.67, 1.24	0.549
1943-1953 (current age: 70-79 years)	0.76	0.54, 1.08	0.125
1973-1983 (current age: 40-49 years)	0.91	0.63, 1.30	0.591
1983-1993 (current age: 30-39 years)	1.01	0.66, 1.56	0.949
1943 or earlier (current age: 80+ years)	0.76	0.46, 1.25	0.273
1998-2005 (current age: 18-24 years)	0.75	0.42, 1.32	0.313
1993-1998 (current age: 25-29 years)	1.03	0.59, 1.80	0.912
Gender of respondent			
Female	—	—	
Male	1.02	0.84, 1.25	0.836
Other	1.33	0.47, 3.75	0.584
Marital status			
Married	—	—	
Single/Never been married	0.89	0.67, 1.19	0.441
Divorced	0.99	0.70, 1.39	0.937
Domestic partner	0.82	0.60, 1.12	0.212
Widowed	0.87	0.57, 1.31	0.491
Separated	0.95	0.59, 1.53	0.835
Employment status			
Employed for an employer	—	—	
Retired	1.37	0.96, 1.96	0.081
Self-employed	1.14	0.83, 1.58	0.417
None of these/Other	1.07	0.67, 1.70	0.790
Student	0.96	0.57, 1.62	0.874
Unemployed and looking for a job	0.91	0.52, 1.60	0.747
Homemaker	0.78	0.47, 1.31	0.351
Religious attendance			
Never	—	—	
A few times a year	0.88	0.69, 1.12	0.304
Once a week	0.99	0.70, 1.40	0.948
More than once a week	0.99	0.63, 1.57	0.980
One to three times a month	0.66	0.42, 1.03	0.067
Educational attainment (16+ years)			
16+	—	—	

Table S10e. Summary of fitted attrition model in Australia

Characteristic	Odds Ratio	95% CI	p-value
9-15	1.06	0.82, 1.37	0.650
Up to 8	0.90	0.39, 2.10	0.813
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.93	0.71, 1.21	0.590
Race plurality (prominent race/ethnic group [0] or not [1])	0.91	0.82, 1.02	0.116
Urbanicity			
<i>A suburb of a large city</i>	—	—	
<i>A small town or village</i>	1.32	1.02, 1.72	0.037
<i>A large city</i>	1.01	0.76, 1.35	0.927
<i>A rural area or on a farm</i>	1.02	0.73, 1.43	0.901
Annual household income			
<i>Australia: 100,001 – 150,000 dollars</i>	—	—	
<i>Australia: 150,001 – 250,000 dollars</i>	1.31	0.95, 1.79	0.098
<i>Australia: 75,001 – 100,000 dollars</i>	1.03	0.74, 1.43	0.848
<i>Australia: 20,001 – 30,000 dollars</i>	1.02	0.67, 1.56	0.914
<i>Australia: 60,001 – 75,000 dollars</i>	1.21	0.81, 1.80	0.353
<i>Australia: More than 250,000 dollars</i>	1.09	0.73, 1.62	0.679
<i>Australia: 30,001 – 40,000 dollars</i>	0.77	0.51, 1.17	0.218
<i>Australia: 40,001 – 50,000 dollars</i>	0.81	0.52, 1.26	0.355
<i>Australia: 50,001 – 60,000 dollars</i>	1.02	0.65, 1.59	0.939
<i>Australia: 20,000 dollars or less</i>	1.14	0.71, 1.83	0.593
<i>(None/No household income)</i>	0.92	0.49, 1.74	0.800

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=3844; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S10f. Summary of principal components in Australia

PC	Percent Explained by each PC	Cumulative Percent Explained
1	34.46	34.46
2	7.66	42.13
3	7.59	49.72
4	2.40	52.11
5	1.84	53.95
6	1.69	55.64
7	1.67	57.31
8	1.57	58.88
9	1.43	60.31
10	1.40	61.70
11	1.30	63.01
12	1.26	64.27
13	1.19	65.46
14	1.14	66.61
15	1.09	67.69
16	1.06	68.76
17	1.02	69.78
18	0.97	70.75
19	0.96	71.70
20	0.93	72.63

Notes. N=3844; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S10g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Australia

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.79	(0.75,0.82)	0.02	2.22e-16***	0.64	(0.59,0.69)	0.03	2.22e-16***
Flourishing index	0.73	(0.70,0.77)	0.02	2.22e-16***	0.54	(0.49,0.59)	0.03	2.22e-16***
Happiness & life satisfaction	0.67	(0.63,0.71)	0.02	2.22e-16***	0.35	(0.30,0.40)	0.03	2.22e-16***
Physical & mental health	0.63	(0.59,0.66)	0.02	2.22e-16***	0.31	(0.26,0.35)	0.02	2.22e-16***
Meaning & purpose	0.58	(0.54,0.62)	0.02	2.22e-16***	0.26	(0.21,0.30)	0.02	2.22e-16***
Character & virtue	0.35	(0.30,0.39)	0.02	2.22e-16***	0.14	(0.10,0.18)	0.02	1.58e-12***
Close social relationships	0.50	(0.46,0.54)	0.02	2.22e-16***	0.18	(0.14,0.23)	0.02	1.11e-14***
Financial & material security	0.46	(0.42,0.50)	0.02	2.22e-16***	0.22	(0.18,0.26)	0.02	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.61	(0.57,0.65)	0.02	2.22e-16***	0.25	(0.20,0.30)	0.02	2.22e-16***
Happiness (a)	0.63	(0.59,0.67)	0.02	2.22e-16***	0.31	(0.26,0.35)	0.02	2.22e-16***
Self-rated physical health (b)	0.41	(0.37,0.45)	0.02	2.22e-16***	0.18	(0.14,0.22)	0.02	2.22e-16***
Self-rated mental health (b)	0.62	(0.58,0.66)	0.02	2.22e-16***	0.25	(0.20,0.30)	0.03	2.22e-16***
Understanding purpose (c)	0.49	(0.44,0.53)	0.02	2.22e-16***	0.18	(0.14,0.23)	0.02	2.22e-16***
Meaningful activities (c)	0.52	(0.48,0.56)	0.02	2.22e-16***	0.19	(0.14,0.23)	0.02	8.88e-16***
Orientation to promote good (d)	0.32	(0.28,0.36)	0.02	2.22e-16***	0.12	(0.09,0.16)	0.02	9.82e-11***
Delayed gratification (d)	0.25	(0.20,0.30)	0.02	2.22e-16***	0.09	(0.06,0.13)	0.02	7.98e-08***
Relationship contentment (e)	0.48	(0.44,0.52)	0.02	2.22e-16***	0.16	(0.12,0.20)	0.02	2.4e-12***
Relationship satisfaction (e)	0.47	(0.43,0.52)	0.02	2.22e-16***	0.15	(0.11,0.20)	0.02	5.35e-11***
Financial security (f)	0.43	(0.38,0.47)	0.02	2.22e-16***	0.20	(0.16,0.24)	0.02	2.22e-16***
Material security (f)	0.42	(0.38,0.46)	0.02	2.22e-16***	0.17	(0.14,0.21)	0.02	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.53	(0.49,0.56)	0.02	2.22e-16***	0.18	(0.14,0.22)	0.02	2.22e-16***
Future life evaluation	0.43	(0.39,0.47)	0.02	2.22e-16***	0.16	(0.13,0.19)	0.02	2.22e-16***
Optimism	0.49	(0.45,0.54)	0.02	2.22e-16***	0.16	(0.12,0.20)	0.02	7.09e-13***
Freedom to pursue what's important	0.48	(0.44,0.53)	0.02	2.22e-16***	0.18	(0.15,0.22)	0.02	2.22e-16***
Inner peace	0.41	(0.37,0.45)	0.02	2.22e-16***	0.04	(0.00,0.08)	0.02	0.044*
Life balance	0.40	(0.36,0.45)	0.02	2.22e-16***	0.05	(0.02,0.09)	0.02	0.005*
Sense of mastery	0.26	(0.22,0.31)	0.02	2.22e-16***	0.03	(-0.01,0.06)	0.02	0.152
<i>Psychological Distress</i>								
Traumatic distress	-0.19	(-0.23,-0.15)	0.02	2.22e-16***	-0.02	(-0.05,0.02)	0.02	0.357
Depression symptoms composite	-0.37	(-0.41,-0.32)	0.02	2.22e-16***	0.00	(-0.04,0.04)	0.02	0.914
Depression – feel hopeless	-0.37	(-0.42,-0.33)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	0.008*
Depression – loss of interest	-0.32	(-0.37,-0.28)	0.02	2.22e-16***	-0.00	(-0.04,0.04)	0.02	0.839
Anxiety symptoms composite	-0.33	(-0.37,-0.29)	0.02	2.22e-16***	0.04	(-0.00,0.08)	0.02	0.053
Anxiety – feel on edge	-0.32	(-0.36,-0.27)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	0.005*
Anxiety – cannot stop worrying	-0.30	(-0.34,-0.26)	0.02	2.22e-16***	0.09	(0.05,0.12)	0.02	8.25e-06***
Suffering	-0.32	(-0.35,-0.28)	0.02	2.22e-16***	-0.05	(-0.08,-0.02)	0.02	3.55e-03**
<i>Social Well-Being</i>								
Social support	0.32	(0.27,0.37)	0.02	2.22e-16***	0.07	(0.03,0.11)	0.02	2.75e-04***
Intimate/close friend	0.16	(0.12,0.21)	0.02	6.25e-14***	0.02	(-0.01,0.05)	0.02	0.199
Government approval	0.09	(0.05,0.12)	0.02	1.84e-06***	0.02	(-0.01,0.04)	0.01	0.219
Say in government	0.12	(0.08,0.15)	0.02	2.26e-10***	0.03	(0.01,0.06)	0.01	0.009*
Belonging in country	0.30	(0.25,0.34)	0.02	2.22e-16***	0.05	(0.02,0.09)	0.02	4.83e-03**
City/place satisfaction	0.15	(0.11,0.20)	0.02	1.56e-10***	0.02	(-0.01,0.05)	0.02	0.228
Trust within country	0.16	(0.12,0.20)	0.02	2.82e-12***	0.03	(-0.01,0.06)	0.02	0.150
<i>Social Participation</i>								
Ever been married	0.30	(0.22,0.39)	0.04	4.64e-12***	0.18	(0.12,0.25)	0.03	6.97e-09***
Currently divorced	0.10	(0.06,0.15)	0.02	1.28e-05***	0.03	(0.00,0.07)	0.02	0.046*
Number of children	-0.09	(-0.15,-0.04)	0.03	6.4e-04***	-0.05	(-0.08,-0.02)	0.02	2.12e-03**
Weekly+ community participation	0.10	(0.07,0.14)	0.02	1.55e-08***	0.02	(-0.01,0.04)	0.01	0.136
Weekly+ religious attendance	0.09	(0.05,0.13)	0.02	1.33e-05***	0.02	(-0.01,0.05)	0.02	0.272
<i>Social Distress</i>								
Loneliness	-0.48	(-0.52,-0.44)	0.02	2.22e-16***	-0.17	(-0.21,-0.13)	0.02	2.22e-16***
Perceived discrimination	-0.10	(-0.15,-0.06)	0.02	6.29e-06***	0.01	(-0.02,0.04)	0.02	0.467
<i>Character & Prosocial Behavior</i>								
Hope	0.44	(0.39,0.48)	0.02	2.22e-16***	0.15	(0.11,0.19)	0.02	1.58e-13***
Gratitude	0.43	(0.39,0.48)	0.02	2.22e-16***	0.16	(0.12,0.20)	0.02	2.36e-14***
Showing love/care	0.23	(0.18,0.28)	0.02	2.22e-16***	0.06	(0.03,0.10)	0.02	2.52e-04***
Forgivingness	0.06	(0.02,0.10)	0.02	1.34e-03**	0.01	(-0.02,0.04)	0.01	0.558
Charitable giving	0.05	(0.01,0.09)	0.02	0.009*	-0.00	(-0.03,0.03)	0.01	0.985
Helping strangers	0.05	(0.01,0.09)	0.02	0.010*	0.03	(0.00,0.06)	0.01	0.038*
Volunteering	0.05	(0.01,0.08)	0.02	0.019*	0.01	(-0.02,0.04)	0.01	0.535
<i>Physical Health & Health Behavior</i>								
Health problems	-0.18	(-0.23,-0.14)	0.02	1.33e-15***	-0.05	(-0.08,-0.02)	0.02	1.53e-03**
Pain in past 4 weeks	-0.19	(-0.22,-0.15)	0.02	2.22e-16***	-0.07	(-0.10,-0.04)	0.01	1.78e-06***
Daily smoker	-0.11	(-0.15,-0.06)	0.02	1.73e-06***	-0.04	(-0.07,-0.01)	0.02	0.012*
Number of drinks per week	-0.01	(-0.05,0.03)	0.02	0.613	-0.01	(-0.03,0.02)	0.01	0.666
Days exercise per week	0.13	(0.09,0.17)	0.02	4.42e-11***	0.03	(-0.00,0.05)	0.01	0.077
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.11	(0.08,0.14)	0.02	7.85e-10***	0.12	(0.08,0.15)	0.02	8.27e-10***
Currently employed	0.11	(0.06,0.16)	0.03	1.53e-05***	0.02	(-0.01,0.05)	0.02	0.255
Financially comfortable/getting by	0.25	(0.20,0.29)	0.02	2.22e-16***	0.08	(0.05,0.12)	0.02	6.42e-06***
Own home	0.09	(0.05,0.13)	0.02	3.23e-05***	0.05	(0.02,0.08)	0.02	1.39e-03**
Income – top quintile	0.07	(0.02,0.11)	0.02	2.32e-03**	0.02	(-0.01,0.06)	0.02	0.162
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.12	(0.07,0.16)	0.02	3.03e-07***	0.04	(-0.00,0.08)	0.02	0.072
Belief in life after death	0.01	(-0.04,0.05)	0.02	0.752	0.01	(-0.02,0.05)	0.02	0.514
Transformative religious experience	0.05	(0.01,0.09)	0.02	0.020*	0.03	(-0.01,0.06)	0.02	0.127
Religious reading or listening	0.07	(0.02,0.12)	0.03	0.005*	0.05	(0.01,0.08)	0.02	0.007*
Prayer or meditation	0.04	(-0.01,0.09)	0.03	0.084	0.01	(-0.03,0.05)	0.02	0.583
Belief in God/gods/spiritual forces	0.00	(-0.04,0.04)	0.02	0.900	-0.01	(-0.05,0.02)	0.02	0.557
Religious centrality	0.05	(0.00,0.09)	0.02	0.035*	0.04	(-0.00,0.08)	0.02	0.080
Religious/spiritual comfort	0.07	(0.02,0.11)	0.02	0.005*	0.02	(-0.02,0.07)	0.03	0.332
Feel loved by God	0.07	(0.02,0.12)	0.02	3.81e-03**	0.01	(-0.04,0.06)	0.02	0.599
Feel punished by God	-0.05	(-0.10,0.00)	0.03	0.073	0.02	(-0.01,0.05)	0.02	0.141
Experienced religious criticism	-0.11	(-0.16,-0.06)	0.02	4.8e-06***	-0.05	(-0.08,-0.02)	0.02	2.51e-03**
Faith-sharing	0.04	(-0.00,0.08)	0.02	0.067	0.01	(-0.02,0.04)	0.02	0.534

Notes. N=3844; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S10h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Australia using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.75	(0.70,0.80)	0.02	2.22e-16***	0.62	(0.55,0.69)	0.04	2.22e-16***
Flourishing index	0.70	(0.65,0.75)	0.02	2.22e-16***	0.51	(0.44,0.58)	0.04	2.22e-16***
Happiness & life satisfaction	0.64	(0.59,0.69)	0.03	2.22e-16***	0.36	(0.29,0.43)	0.04	2.22e-16***
Physical & mental health	0.59	(0.54,0.64)	0.03	2.22e-16***	0.29	(0.22,0.35)	0.03	2.22e-16***
Meaning & purpose	0.54	(0.48,0.59)	0.03	2.22e-16***	0.23	(0.16,0.30)	0.03	1.24e-11***
Character & virtue	0.31	(0.26,0.37)	0.03	2.22e-16***	0.12	(0.06,0.17)	0.03	2.47e-05***
Close social relationships	0.46	(0.40,0.52)	0.03	2.22e-16***	0.18	(0.11,0.24)	0.03	4.37e-08***
Financial & material security	0.44	(0.38,0.50)	0.03	2.22e-16***	0.22	(0.16,0.27)	0.03	2.22e-15***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.58	(0.52,0.63)	0.03	2.22e-16***	0.26	(0.19,0.32)	0.03	1.25e-13***
Happiness (a)	0.61	(0.56,0.66)	0.03	2.22e-16***	0.32	(0.25,0.39)	0.03	2.22e-16***
Self-rated physical health (b)	0.38	(0.33,0.43)	0.03	2.22e-16***	0.17	(0.12,0.22)	0.03	2.06e-11***
Self-rated mental health (b)	0.60	(0.55,0.65)	0.03	2.22e-16***	0.25	(0.18,0.32)	0.04	1.54e-12***
Understanding purpose (c)	0.45	(0.38,0.51)	0.03	2.22e-16***	0.16	(0.10,0.23)	0.03	2.92e-07***
Meaningful activities (c)	0.48	(0.42,0.54)	0.03	2.22e-16***	0.17	(0.11,0.23)	0.03	1.94e-07***
Orientation to promote good (d)	0.29	(0.23,0.34)	0.03	2.22e-16***	0.10	(0.05,0.15)	0.03	5.84e-05***
Delayed gratification (d)	0.23	(0.17,0.29)	0.03	7.93e-13***	0.08	(0.03,0.13)	0.03	2.47e-03**
Relationship contentment (e)	0.44	(0.38,0.50)	0.03	2.22e-16***	0.15	(0.09,0.21)	0.03	2.42e-06***
Relationship satisfaction (e)	0.44	(0.38,0.50)	0.03	2.22e-16***	0.16	(0.10,0.22)	0.03	5.59e-07***
Financial security (f)	0.41	(0.35,0.46)	0.03	2.22e-16***	0.19	(0.14,0.24)	0.03	1.72e-12***
Material security (f)	0.40	(0.35,0.46)	0.03	2.22e-16***	0.18	(0.13,0.23)	0.03	8.96e-12***
<i>Psychological Well-Being</i>								
Current life evaluation	0.51	(0.46,0.56)	0.03	2.22e-16***	0.19	(0.14,0.25)	0.03	3.09e-12***
Future life evaluation	0.42	(0.37,0.48)	0.03	2.22e-16***	0.16	(0.11,0.21)	0.03	1.03e-09***
Optimism	0.44	(0.38,0.50)	0.03	2.22e-16***	0.15	(0.09,0.21)	0.03	8.18e-07***
Freedom to pursue what's important	0.45	(0.39,0.50)	0.03	2.22e-16***	0.18	(0.13,0.23)	0.03	2.39e-11***
Inner peace	0.37	(0.32,0.43)	0.03	2.22e-16***	0.04	(-0.01,0.10)	0.03	0.116
Life balance	0.36	(0.31,0.41)	0.03	2.22e-16***	0.04	(-0.01,0.09)	0.02	0.110
Sense of mastery	0.23	(0.17,0.28)	0.03	2.22e-16***	-0.01	(-0.05,0.04)	0.02	0.767
<i>Psychological Distress</i>								
Traumatic distress	-0.16	(-0.22,-0.11)	0.03	8.64e-10***	-0.02	(-0.07,0.02)	0.02	0.292
Depression symptoms composite	-0.34	(-0.40,-0.29)	0.03	2.22e-16***	0.02	(-0.03,0.07)	0.03	0.466
Depression – feel hopeless	-0.34	(-0.40,-0.28)	0.03	2.22e-16***	0.07	(0.01,0.13)	0.03	0.032*
Depression – loss of interest	-0.30	(-0.36,-0.24)	0.03	2.22e-16***	0.00	(-0.05,0.06)	0.03	0.902
Anxiety symptoms composite	-0.30	(-0.35,-0.24)	0.03	2.22e-16***	0.04	(-0.01,0.09)	0.03	0.087
Anxiety – feel on edge	-0.30	(-0.35,-0.24)	0.03	2.22e-16***	0.07	(0.01,0.12)	0.03	0.019*
Anxiety – cannot stop worrying	-0.26	(-0.32,-0.21)	0.03	2.22e-16***	0.08	(0.03,0.13)	0.03	3.31e-03**
Suffering	-0.29	(-0.34,-0.25)	0.02	2.22e-16***	-0.05	(-0.09,-0.00)	0.02	0.038*
<i>Social Well-Being</i>								
Social support	0.28	(0.22,0.34)	0.03	2.22e-16***	0.06	(0.02,0.11)	0.02	0.009*
Intimate/close friend	0.15	(0.09,0.20)	0.03	6.57e-08***	0.00	(-0.04,0.05)	0.02	0.852
Government approval	0.09	(0.05,0.14)	0.02	5.02e-05***	0.02	(-0.02,0.05)	0.02	0.378
Say in government	0.11	(0.07,0.16)	0.02	6.05e-07***	0.03	(-0.00,0.07)	0.02	0.078
Belonging in country	0.27	(0.21,0.33)	0.03	2.22e-16***	0.04	(-0.01,0.10)	0.03	0.114
City/place satisfaction	0.13	(0.07,0.19)	0.03	2.98e-05***	0.01	(-0.04,0.05)	0.02	0.742
Trust within country	0.17	(0.11,0.23)	0.03	1.01e-08***	0.04	(-0.00,0.09)	0.02	0.067
<i>Social Participation</i>								
Ever been married	0.31	(0.20,0.42)	0.06	3.5e-08***	0.20	(0.12,0.29)	0.04	9.51e-07***
Currently divorced	0.12	(0.06,0.18)	0.03	1.29e-04***	0.04	(-0.01,0.08)	0.02	0.135
Number of children	-0.12	(-0.19,-0.05)	0.03	6.7e-04**	-0.07	(-0.11,-0.02)	0.02	4.42e-03**
Weekly+ community participation	0.10	(0.06,0.14)	0.02	9.85e-06***	0.02	(-0.01,0.06)	0.02	0.178
Weekly+ religious attendance	0.08	(0.03,0.13)	0.03	2.3e-03**	0.03	(-0.02,0.07)	0.02	0.265
<i>Social Distress</i>								
Loneliness	-0.46	(-0.51,-0.41)	0.03	2.22e-16***	-0.16	(-0.21,-0.12)	0.03	9.41e-11***
Perceived discrimination	-0.10	(-0.15,-0.04)	0.03	1e-03**	0.00	(-0.04,0.05)	0.02	0.859
<i>Character & Prosocial Behavior</i>								
Hope	0.39	(0.33,0.45)	0.03	2.22e-16***	0.12	(0.06,0.17)	0.03	3.92e-05***
Gratitude	0.41	(0.35,0.47)	0.03	2.22e-16***	0.16	(0.11,0.21)	0.03	5.95e-09***
Showing love/care	0.20	(0.15,0.26)	0.03	1.69e-12***	0.06	(0.01,0.11)	0.02	0.010*
Forgivingness	0.07	(0.02,0.12)	0.03	4.85e-03**	0.02	(-0.02,0.06)	0.02	0.392
Charitable giving	0.05	(0.00,0.10)	0.02	0.038*	0.00	(-0.04,0.04)	0.02	0.933
Helping strangers	0.04	(-0.01,0.08)	0.02	0.147	0.03	(-0.01,0.07)	0.02	0.131
Volunteering	0.06	(0.01,0.11)	0.02	0.011*	0.02	(-0.02,0.05)	0.02	0.425
<i>Physical Health & Health Behavior</i>								
Health problems	-0.15	(-0.21,-0.09)	0.03	1.31e-07***	-0.06	(-0.10,-0.02)	0.02	4.69e-03**
Pain in past 4 weeks	-0.17	(-0.21,-0.12)	0.02	3.06e-12***	-0.08	(-0.11,-0.04)	0.02	7.02e-05***
Daily smoker	-0.11	(-0.17,-0.05)	0.03	2.28e-04***	-0.04	(-0.09,0.00)	0.02	0.051
Number of drinks per week	0.01	(-0.03,0.06)	0.02	0.571	-0.01	(-0.04,0.03)	0.02	0.678
Days exercise per week	0.12	(0.07,0.17)	0.03	3.4e-06***	0.02	(-0.02,0.06)	0.02	0.319
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.11	(0.07,0.15)	0.02	2.19e-07***	0.11	(0.07,0.16)	0.02	1.69e-06***
Currently employed	0.08	(0.02,0.15)	0.03	0.009*	0.02	(-0.03,0.06)	0.02	0.504
Financially comfortable/getting by	0.21	(0.15,0.27)	0.03	8.16e-12***	0.06	(0.01,0.11)	0.02	0.014*
Own home	0.08	(0.03,0.14)	0.03	4.09e-03**	0.03	(-0.02,0.07)	0.02	0.226
Income – top quintile	0.04	(-0.01,0.09)	0.02	0.123	0.02	(-0.02,0.06)	0.02	0.243
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.11	(0.06,0.17)	0.03	1.24e-04***	0.04	(-0.02,0.10)	0.03	0.187
Belief in life after death	0.01	(-0.05,0.06)	0.03	0.759	-0.02	(-0.07,0.03)	0.03	0.373
Transformative religious experience	0.05	(-0.01,0.10)	0.03	0.099	0.01	(-0.04,0.06)	0.03	0.676
Religious reading or listening	0.08	(0.02,0.14)	0.03	0.014*	0.05	(0.01,0.10)	0.02	0.024*
Prayer or meditation	0.02	(-0.05,0.09)	0.04	0.587	0.02	(-0.04,0.07)	0.03	0.566
Belief in God/gods/spiritual forces	0.01	(-0.04,0.07)	0.03	0.687	0.00	(-0.04,0.05)	0.02	0.868
Religious centrality	0.06	(0.01,0.12)	0.03	0.029*	0.02	(-0.03,0.08)	0.03	0.423
Religious/spiritual comfort	0.09	(0.02,0.15)	0.03	0.007*	0.04	(-0.03,0.11)	0.04	0.238
Feel loved by God	0.07	(0.01,0.14)	0.03	0.033*	0.00	(-0.06,0.07)	0.03	0.914
Feel punished by God	-0.01	(-0.07,0.05)	0.03	0.774	0.03	(-0.01,0.07)	0.02	0.128
Experienced religious criticism	-0.07	(-0.13,-0.02)	0.03	0.013*	-0.04	(-0.08,-0.00)	0.02	0.048*
Faith-sharing	0.04	(-0.01,0.09)	0.03	0.097	-0.00	(-0.04,0.04)	0.02	0.930

Notes. N=2582; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S10i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Australia

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.48	2.41	2.22	2.13	2.40	2.31	2.16	2.05
Flourishing index	2.40	2.33	2.05	1.96	2.33	2.24	2.00	1.89
Happiness & life satisfaction	2.10	2.04	1.65	1.58	2.06	1.99	1.66	1.56
Physical & mental health	2.04	1.98	1.58	1.52	1.97	1.90	1.55	1.46
Meaning & purpose	1.88	1.82	1.47	1.41	1.82	1.75	1.44	1.35
Character & virtue	1.76	1.69	1.40	1.32	1.70	1.60	1.35	1.24
Close social relationships	1.73	1.68	1.36	1.30	1.68	1.61	1.35	1.26
Financial & material security	1.60	1.56	1.36	1.32	1.58	1.52	1.35	1.30
Individual Flourishing Index Items								
Life satisfaction	1.92	1.86	1.47	1.41	1.89	1.82	1.48	1.39
Happiness	2.07	2.01	1.60	1.53	2.05	1.97	1.62	1.52
Self-rated physical health	1.69	1.63	1.38	1.33	1.64	1.58	1.37	1.29
Self-rated mental health	1.87	1.83	1.45	1.38	1.85	1.79	1.44	1.36
Understanding purpose	1.66	1.61	1.33	1.28	1.61	1.55	1.31	1.23
Meaningful activities	1.81	1.75	1.38	1.32	1.76	1.69	1.36	1.27
Orientation to promote good	1.68	1.61	1.35	1.28	1.63	1.54	1.31	1.20
Delayed gratification	1.49	1.43	1.26	1.20	1.46	1.37	1.23	1.13
Relationship contentment	1.71	1.66	1.33	1.27	1.66	1.59	1.31	1.22
Relationship satisfaction	1.66	1.61	1.30	1.24	1.62	1.56	1.30	1.22
Financial security	1.53	1.49	1.32	1.28	1.52	1.47	1.31	1.25
Material security	1.55	1.51	1.31	1.26	1.53	1.48	1.31	1.25
Psychological Well-Being								
Current life evaluation	1.94	1.88	1.42	1.36	1.94	1.86	1.45	1.36
Future life evaluation	1.77	1.71	1.38	1.32	1.77	1.69	1.38	1.30
Optimism	1.72	1.67	1.33	1.27	1.67	1.60	1.31	1.23
Freedom to pursue what's important	1.66	1.61	1.34	1.29	1.63	1.57	1.33	1.27
Inner peace	4.28	3.86	1.42	1.06	3.93	3.43	1.43	1.00
Life balance	3.87	3.51	1.46	1.21	3.48	3.06	1.37	1.00
Sense of mastery	3.30	2.89	1.34	1.00	2.94	2.48	1.15	1.00
Psychological Distress								
Traumatic distress	2.28	2.03	1.21	1.00	2.12	1.81	1.28	1.00
Depression symptoms composite	3.72	3.33	1.07	1.00	3.52	3.05	1.26	1.00
Depression – feel hopeless	4.25	3.77	1.57	1.23	3.86	3.29	1.61	1.13
Depression – loss of interest	3.47	3.07	1.10	1.00	3.29	2.82	1.09	1.00
Anxiety symptoms composite	3.46	3.10	1.38	1.00	3.17	2.76	1.43	1.00
Anxiety – feel on edge	3.44	3.07	1.55	1.25	3.26	2.82	1.59	1.19
Anxiety – cannot stop worrying	3.43	3.04	1.74	1.49	3.13	2.68	1.69	1.32
Suffering	2.96	2.73	1.42	1.21	2.81	2.52	1.40	1.08
Social Well-Being								
Social support	1.52	1.47	1.20	1.13	1.49	1.42	1.19	1.09
Intimate/close friend	2.40	2.06	1.30	1.00	2.31	1.88	1.12	1.00
Government approval	1.63	1.43	1.21	1.00	1.65	1.41	1.21	1.00
Say in government	1.79	1.60	1.33	1.15	1.77	1.53	1.32	1.00
Belonging in country	1.50	1.45	1.17	1.09	1.48	1.41	1.15	1.00
City/place satisfaction	2.25	1.91	1.28	1.00	2.10	1.66	1.16	1.00
Trust within country	2.31	1.98	1.32	1.00	2.46	2.00	1.49	1.00
Social Participation								
Ever been married	2.94	2.39	2.18	1.83	2.98	2.27	2.31	1.84
Currently divorced	2.15	1.70	1.49	1.05	2.28	1.70	1.51	1.00
Number of children	1.41	1.24	1.28	1.15	1.48	1.27	1.33	1.16
Weekly+ community participation	1.76	1.55	1.24	1.00	1.74	1.48	1.27	1.00
Weekly+ religious attendance	1.88	1.56	1.29	1.00	1.81	1.39	1.36	1.00
Social Distress								
Loneliness	1.61	1.57	1.30	1.26	1.59	1.54	1.29	1.24
Perceived discrimination	1.86	1.55	1.20	1.00	1.81	1.42	1.11	1.00
Character & Prosocial Behavior								
Hope	1.72	1.67	1.34	1.28	1.66	1.59	1.29	1.20
Gratitude	1.67	1.61	1.33	1.27	1.65	1.57	1.34	1.26
Showing love/care	1.50	1.43	1.22	1.14	1.46	1.37	1.21	1.09
Forgivingness	1.56	1.30	1.16	1.00	1.62	1.28	1.24	1.00
Charitable giving	1.43	1.18	1.02	1.00	1.43	1.08	1.06	1.00
Helping strangers	1.42	1.18	1.31	1.06	1.34	1.00	1.30	1.00
Volunteering	1.41	1.14	1.15	1.00	1.51	1.20	1.20	1.00
Physical Health & Health Behavior								
Health problems	2.26	1.98	1.47	1.25	2.05	1.72	1.51	1.24
Pain in past 4 weeks	2.16	1.96	1.53	1.37	2.05	1.80	1.57	1.36
Daily smoker	2.04	1.68	1.47	1.18	2.17	1.63	1.55	1.00
Number of drinks per week	1.03	1.00	1.03	1.00	1.04	1.00	1.03	1.00
Days exercise per week	1.29	1.23	1.11	1.00	1.27	1.20	1.10	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.78	1.59	1.82	1.62	1.79	1.55	1.79	1.53
Currently employed	1.74	1.48	1.24	1.00	1.61	1.24	1.21	1.00
Financially comfortable/getting by	3.03	2.63	1.73	1.48	2.74	2.25	1.59	1.21
Own home	1.67	1.42	1.44	1.24	1.63	1.29	1.29	1.00
Income – top quintile	1.59	1.30	1.30	1.00	1.41	1.00	1.29	1.00
Religion & Spirituality								
Religious/spiritual connection	1.79	1.55	1.36	1.00	1.79	1.47	1.36	1.00
Belief in life after death	1.13	1.00	1.18	1.00	1.15	1.00	1.26	1.00
Transformative religious experience	1.46	1.15	1.31	1.00	1.46	1.00	1.18	1.00
Religious reading or listening	1.77	1.33	1.56	1.24	1.85	1.28	1.62	1.17
Prayer or meditation	1.44	1.00	1.18	1.00	1.26	1.00	1.24	1.00
Belief in God/gods/spiritual forces	1.08	1.00	1.16	1.00	1.17	1.00	1.09	1.00
Religious centrality	1.44	1.09	1.37	1.00	1.54	1.13	1.28	1.00
Religious/spiritual comfort	1.54	1.24	1.27	1.00	1.65	1.27	1.39	1.00
Feel loved by God	1.57	1.27	1.19	1.00	1.58	1.12	1.09	1.00
Feel punished by God	1.77	1.00	1.46	1.00	1.25	1.00	1.59	1.00
Experienced religious criticism	2.57	1.94	1.76	1.36	2.09	1.34	1.66	1.05
Faith-sharing	1.38	1.00	1.17	1.00	1.42	1.00	1.07	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S11a. Weighted summary statistics for demographic and childhood variables in Brazil

Characteristic	Wave 1 N = 13,203	Wave 2 N = 4,222
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	138 (1.0%)	54 (1.3%)
1943-1953 (current age: 70-79 years)	566 (4.3%)	228 (5.4%)
1953-1963 (current age: 60-69 years)	1,514 (11.5%)	512 (12.1%)
1963-1973 (current age: 50-59 years)	2,031 (15.4%)	693 (16.4%)
1973-1983 (current age: 40-49 years)	2,514 (19.0%)	816 (19.3%)
1983-1993 (current age: 30-39 years)	2,827 (21.4%)	953 (22.6%)
1993-1998 (current age: 25-29 years)	1,464 (11.1%)	461 (10.9%)
1998-2005 (current age: 18-24 years)	2,150 (16.3%)	505 (12.0%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	41.9	43.8
Standard Deviation	16.2	16.0
Min, Max	18.0, 93.0	19.0, 93.0
<i>Gender, n (%)</i>		
Male	6,337 (48.0%)	2,012 (47.7%)
Female	6,800 (51.5%)	2,194 (52.0%)
Other	35 (0.3%)	11 (0.2%)
(Missing)	31 (0.2%)	5 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	4,406 (33.4%)	1,397 (33.1%)
Married	4,582 (34.7%)	1,524 (36.1%)
Separated	586 (4.4%)	175 (4.1%)
Divorced	856 (6.5%)	302 (7.2%)
Widowed	439 (3.3%)	151 (3.6%)
Domestic partner	2,066 (15.7%)	617 (14.6%)
(Missing)	267 (2.0%)	55 (1.3%)
<i>Education (years), n (%)</i>		
Up to 8	3,327 (25.2%)	802 (19.0%)
9-15	7,618 (57.7%)	2,536 (60.1%)
16+	2,248 (17.0%)	883 (20.9%)
(Missing)	11 (0.1%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	3,634 (27.5%)	1,371 (32.5%)
Self-employed	2,876 (21.8%)	927 (22.0%)
Retired	1,629 (12.3%)	562 (13.3%)
Student	664 (5.0%)	136 (3.2%)
Homemaker	1,319 (10.0%)	440 (10.4%)
Unemployed and looking for a job	2,430 (18.4%)	565 (13.4%)
None of these/Other	449 (3.4%)	140 (3.3%)
(Missing)	203 (1.5%)	82 (1.9%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	2,399 (18.2%)	827 (19.6%)
Once a week	2,283 (17.3%)	731 (17.3%)
One to three times a month	1,405 (10.6%)	389 (9.2%)
A few times a year	3,968 (30.1%)	1,246 (29.5%)
Never	3,086 (23.4%)	1,012 (24.0%)
(Missing)	62 (0.5%)	18 (0.4%)
<i>Immigration status, n (%)</i>		
Born in this country	12,679 (96.0%)	4,108 (97.3%)

Table S11a. Weighted summary statistics for demographic and childhood variables in Brazil

Characteristic	Wave 1 N = 13,203	Wave 2 N = 4,222
Born in another country	153 (1.2%)	45 (1.1%)
(Missing)	371 (2.8%)	69 (1.6%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	8,481 (64.2%)	2,834 (67.1%)
Parents were divorced	1,391 (10.5%)	379 (9.0%)
Parents were never married	2,017 (15.3%)	666 (15.8%)
One or both of them had died	513 (3.9%)	170 (4.0%)
Unsure	343 (2.6%)	109 (2.6%)
(Missing)	457 (3.5%)	63 (1.5%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	6,294 (47.7%)	2,126 (50.4%)
One to three times a month	2,511 (19.0%)	705 (16.7%)
Less than once a month	2,614 (19.8%)	853 (20.2%)
Never	1,712 (13.0%)	516 (12.2%)
(Missing)	73 (0.6%)	22 (0.5%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	8,355 (63.3%)	2,696 (63.9%)
Somewhat good	3,552 (26.9%)	1,108 (26.2%)
Somewhat bad	488 (3.7%)	150 (3.5%)
Very bad	216 (1.6%)	70 (1.7%)
(Does not apply)	517 (3.9%)	175 (4.2%)
(Missing)	75 (0.6%)	22 (0.5%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	6,345 (48.1%)	2,011 (47.6%)
Somewhat good	3,638 (27.6%)	1,170 (27.7%)
Somewhat bad	1,039 (7.9%)	334 (7.9%)
Very bad	768 (5.8%)	257 (6.1%)
(Does not apply)	1,319 (10.0%)	410 (9.7%)
(Missing)	94 (0.7%)	40 (0.9%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,690 (12.8%)	535 (12.7%)
No	11,198 (84.8%)	3,598 (85.2%)
(Missing)	315 (2.4%)	89 (2.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	2,600 (19.7%)	931 (22.1%)
No	10,145 (76.8%)	3,224 (76.4%)
(Missing)	458 (3.5%)	67 (1.6%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	5,280 (40.0%)	1,655 (39.2%)
Very good	3,396 (25.7%)	1,046 (24.8%)
Good	2,882 (21.8%)	970 (23.0%)
Fair	1,383 (10.5%)	460 (10.9%)
Poor	232 (1.8%)	81 (1.9%)
(Missing)	30 (0.2%)	10 (0.2%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	4,992 (37.8%)	1,559 (36.9%)
Got by	4,608 (34.9%)	1,467 (34.7%)
Found it difficult	2,486 (18.8%)	847 (20.1%)
Found it very difficult	1,037 (7.9%)	328 (7.8%)
(Missing)	80 (0.6%)	21 (0.5%)

Table S11a. Weighted summary statistics for demographic and childhood variables in Brazil

Characteristic	Wave 1 N = 13,203	Wave 2 N = 4,222
<i>Religious affiliation growing up, n (%)</i>		
Christianity	11,390 (86.3%)	3,703 (87.7%)
Taoism	1 (<0.0%)	1 (0.0%)
Confucianism	7 (0.1%)	3 (0.1%)
Primal, Animist, or Folk religion	18 (0.1%)	7 (0.2%)
Spiritism	333 (2.5%)	86 (2.0%)
Umbanda, Candomblé, and other African-derived religions	262 (2.0%)	76 (1.8%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	15 (0.1%)	5 (0.1%)
Hinduism	1 (<0.0%)	0 (<0.0%)
Buddhism	26 (0.2%)	7 (0.2%)
Judaism	42 (0.3%)	8 (0.2%)
Sikhism	0 (0%)	0 (0%)
Baha'i	1 (0.0%)	0 (0%)
Jainism	4 (0.0%)	1 (0.0%)
Shinto	4 (0.0%)	1 (0.0%)
Some other religion	90 (0.7%)	28 (0.7%)
No religion/Atheist/Agnostic	914 (6.9%)	269 (6.4%)
(Missing)	95 (0.7%)	26 (0.6%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S11b. Weighted summary statistics for exposure and outcome variables in Brazil

Outcome	Wave 1 N = 13,203	Wave 2 N = 4,222
<i>Secure flourishing index</i>		
Mean	7.0	6.9
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	319 (2.4%)	93 (2.2%)
<i>Flourishing index</i>		
Mean	7.6	7.5
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	291 (2.2%)	79 (1.9%)
<i>Happiness & life satisfaction</i>		
Mean	7.2	7.1
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	67 (0.5%)	17 (0.4%)
<i>Physical & mental health</i>		
Mean	7.3	7.0
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	51 (0.4%)	23 (0.5%)
<i>Meaning & purpose</i>		
Mean	7.8	7.8
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	63 (0.5%)	16 (0.4%)
<i>Character & virtue</i>		
Mean	8.3	8.3
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	87 (0.7%)	15 (0.3%)
<i>Close social relationships</i>		
Mean	7.5	7.4
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	85 (0.6%)	14 (0.3%)
<i>Financial & material security</i>		
Mean	4.0	4.1
Standard Deviation	3.6	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	48 (0.4%)	15 (0.4%)
<i>Life satisfaction</i>		
Mean	7.2	7.0
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	34 (0.3%)	12 (0.3%)
<i>Happiness</i>		
Mean	7.3	7.2
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.3%)	5 (0.1%)
<i>Self-rated physical health</i>		

Table S11b. Weighted summary statistics for exposure and outcome variables in Brazil

Outcome	Wave 1 N = 13,203	Wave 2 N = 4,222
Mean	7.2	6.9
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (0.2%)	13 (0.3%)
<i>Self-rated mental health</i>		
Mean	7.4	7.2
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.2%)	12 (0.3%)
<i>Understanding purpose</i>		
Mean	7.8	7.7
Standard Deviation	2.5	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	44 (0.3%)	12 (0.3%)
<i>Meaningful activities</i>		
Mean	7.9	7.9
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.2%)	3 (<0.1%)
<i>Orientation to promote good</i>		
Mean	8.6	8.5
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (0.4%)	6 (0.1%)
<i>Delayed gratification</i>		
Mean	8.1	8.0
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (0.3%)	10 (0.2%)
<i>Relationship contentment</i>		
Mean	7.7	7.7
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	43 (0.3%)	10 (0.2%)
<i>Relationship satisfaction</i>		
Mean	7.2	7.1
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	55 (0.4%)	4 (0.1%)
<i>Financial security</i>		
Mean	4.0	4.1
Standard Deviation	3.8	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.2%)	3 (<0.1%)
<i>Material security</i>		
Mean	3.9	4.0
Standard Deviation	3.9	3.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.2%)	13 (0.3%)
<i>Current life evaluation</i>		
Mean	6.6	6.6

Table S11b. Weighted summary statistics for exposure and outcome variables in Brazil

Outcome	Wave 1 N = 13,203	Wave 2 N = 4,222
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.1%)	4 (<0.1%)
<i>Future life evaluation</i>		
Mean	8.6	8.5
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	149 (1.1%)	16 (0.4%)
<i>Optimism</i>		
Mean	9.2	9.1
Standard Deviation	1.6	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.2%)	11 (0.3%)
<i>Freedom to pursue what's important</i>		
Mean	8.3	8.2
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	36 (0.3%)	5 (0.1%)
<i>Inner peace, n (%)</i>		
Always	3,268 (24.7%)	1,036 (24.5%)
Often	6,077 (46.0%)	2,034 (48.2%)
Rarely	3,358 (25.4%)	1,002 (23.7%)
Never	453 (3.4%)	130 (3.1%)
(Missing)	46 (0.4%)	20 (0.5%)
<i>Life balance, n (%)</i>		
Always	2,269 (17.2%)	678 (16.1%)
Often	6,568 (49.7%)	2,150 (50.9%)
Rarely	3,875 (29.3%)	1,258 (29.8%)
Never	458 (3.5%)	130 (3.1%)
(Missing)	33 (0.2%)	6 (0.1%)
<i>Sense of mastery, n (%)</i>		
Always	4,357 (33.0%)	1,336 (31.6%)
Often	6,219 (47.1%)	2,076 (49.2%)
Rarely	2,283 (17.3%)	715 (16.9%)
Never	253 (1.9%)	69 (1.6%)
(Missing)	91 (0.7%)	25 (0.6%)
<i>Traumatic distress, n (%)</i>		
A lot	2,689 (20.4%)	855 (20.3%)
Some	4,059 (30.7%)	1,202 (28.5%)
Not very much	3,023 (22.9%)	1,071 (25.4%)
Not at all	3,365 (25.5%)	1,080 (25.6%)
(Missing)	67 (0.5%)	14 (0.3%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	5,382 (41.1%)	1,554 (37.0%)
	92 (0.7%)	27 (0.6%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	2,021 (15.3%)	536 (12.7%)
More than half the days	1,967 (14.9%)	599 (14.2%)
Several days	3,502 (26.5%)	1,158 (27.4%)
Not at all	5,671 (43.0%)	1,923 (45.6%)
(Missing)	42 (0.3%)	6 (0.1%)
<i>Depression – loss of interest, n (%)</i>		

Table S11b. Weighted summary statistics for exposure and outcome variables in Brazil

Outcome	Wave 1 N = 13,203	Wave 2 N = 4,222
Nearly every day	2,561 (19.4%)	732 (17.3%)
More than half the days	2,557 (19.4%)	796 (18.9%)
Several days	3,545 (26.8%)	1,237 (29.3%)
Not at all	4,479 (33.9%)	1,435 (34.0%)
(Missing)	61 (0.5%)	22 (0.5%)
<i>Anxiety symptoms composite, n (%)</i>	6,127 (46.7%)	1,861 (44.4%)
(Missing)	70 (0.5%)	32 (0.7%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	3,199 (24.2%)	930 (22.0%)
More than half the days	2,140 (16.2%)	640 (15.2%)
Several days	4,072 (30.8%)	1,396 (33.1%)
Not at all	3,750 (28.4%)	1,236 (29.3%)
(Missing)	43 (0.3%)	20 (0.5%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	3,143 (23.8%)	885 (21.0%)
More than half the days	2,096 (15.9%)	628 (14.9%)
Several days	3,491 (26.4%)	1,217 (28.8%)
Not at all	4,429 (33.5%)	1,477 (35.0%)
(Missing)	44 (0.3%)	14 (0.3%)
<i>Suffering, n (%)</i>		
A lot	1,572 (11.9%)	496 (11.7%)
Some	5,737 (43.5%)	1,779 (42.1%)
Not very much	3,082 (23.3%)	1,074 (25.4%)
Not at all	2,744 (20.8%)	855 (20.3%)
(Missing)	68 (0.5%)	18 (0.4%)
<i>Social support</i>		
Mean	7.2	7.2
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	54 (0.4%)	12 (0.3%)
<i>Intimate/close friend, n (%)</i>		
Yes	10,752 (81.4%)	3,397 (80.5%)
No	2,338 (17.7%)	782 (18.5%)
(Missing)	113 (0.9%)	42 (1.0%)
<i>Government approval, n (%)</i>		
Strongly approve	1,648 (12.5%)	477 (11.3%)
Somewhat approve	2,978 (22.6%)	860 (20.4%)
Neither approve nor disapprove	3,261 (24.7%)	917 (21.7%)
Somewhat disapprove	2,084 (15.8%)	711 (16.8%)
Strongly disapprove	3,147 (23.8%)	1,215 (28.8%)
(Missing)	85 (0.6%)	42 (1.0%)
<i>Say in government, n (%)</i>		
Agree	3,573 (27.1%)	1,133 (26.8%)
Disagree	5,924 (44.9%)	2,100 (49.8%)
Unsure	3,612 (27.4%)	962 (22.8%)
(Missing)	94 (0.7%)	27 (0.6%)
<i>Belonging in country</i>		
Mean	7.8	7.6
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	170 (1.3%)	62 (1.5%)

Table S11b. Weighted summary statistics for exposure and outcome variables in Brazil

Outcome	Wave 1 N = 13,203	Wave 2 N = 4,222
<i>City/place satisfaction, n (%)</i>		
Satisfied	8,171 (61.9%)	2,507 (59.4%)
Dissatisfied	3,449 (26.1%)	1,200 (28.4%)
Unsure	1,478 (11.2%)	466 (11.0%)
(Missing)	105 (0.8%)	49 (1.2%)
<i>Trust within country, n (%)</i>		
All people	172 (1.3%)	45 (1.1%)
Most people	1,106 (8.4%)	327 (7.7%)
Some people	4,794 (36.3%)	1,532 (36.3%)
Not very many people	5,687 (43.1%)	1,862 (44.1%)
None	1,361 (10.3%)	444 (10.5%)
(Missing)	84 (0.6%)	11 (0.3%)
<i>Number of children</i>		
Mean	0.9	0.9
Standard Deviation	1.4	1.2
Min, Max	0.0, 97.0	0.0, 18.0
(Missing)	322 (2.4%)	498 (12%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	1,204 (9.1%)	359 (8.5%)
Once a week	1,195 (9.1%)	324 (7.7%)
One to three times a month	955 (7.2%)	332 (7.9%)
A few times a year	3,244 (24.6%)	1,013 (24.0%)
Never	6,524 (49.4%)	2,180 (51.6%)
(Missing)	82 (0.6%)	14 (0.3%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	2,399 (18.2%)	827 (19.6%)
Once a week	2,283 (17.3%)	731 (17.3%)
One to three times a month	1,405 (10.6%)	389 (9.2%)
A few times a year	3,968 (30.1%)	1,246 (29.5%)
Never	3,086 (23.4%)	1,012 (24.0%)
(Missing)	62 (0.5%)	18 (0.4%)
<i>Loneliness</i>		
Mean	3.9	3.8
Standard Deviation	3.4	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.2%)	6 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	1,429 (10.8%)	442 (10.5%)
Often	2,647 (20.1%)	795 (18.8%)
Rarely	5,007 (37.9%)	1,750 (41.4%)
Never	4,082 (30.9%)	1,227 (29.1%)
(Missing)	38 (0.3%)	8 (0.2%)
<i>Hope</i>		
Mean	8.9	8.8
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.2%)	11 (0.3%)
<i>Gratitude</i>		
Mean	8.6	8.5
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0

Table S11b. Weighted summary statistics for exposure and outcome variables in Brazil

Outcome	Wave 1 N = 13,203	Wave 2 N = 4,222
(Missing)	36 (0.3%)	14 (0.3%)
<i>Showing love/care</i>		
Mean	8.5	8.4
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (0.2%)	3 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	4,811 (36.4%)	1,471 (34.9%)
Often	4,737 (35.9%)	1,643 (38.9%)
Rarely	2,947 (22.3%)	933 (22.1%)
Never	675 (5.1%)	165 (3.9%)
(Missing)	32 (0.2%)	9 (0.2%)
<i>Charitable giving, n (%)</i>		
Yes	4,083 (30.9%)	1,370 (32.4%)
No	9,088 (68.8%)	2,790 (66.1%)
(Missing)	32 (0.2%)	62 (1.5%)
<i>Helping strangers, n (%)</i>		
Yes	9,018 (68.3%)	2,721 (64.5%)
No	4,109 (31.1%)	1,462 (34.6%)
(Missing)	76 (0.6%)	38 (0.9%)
<i>Volunteering, n (%)</i>		
Yes	2,449 (18.6%)	778 (18.4%)
No	10,713 (81.1%)	3,400 (80.5%)
(Missing)	41 (0.3%)	44 (1.0%)
<i>Health problems, n (%)</i>		
Yes	2,520 (19.1%)	898 (21.3%)
No	10,345 (78.4%)	3,255 (77.1%)
(Missing)	339 (2.6%)	68 (1.6%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	2,396 (18.1%)	819 (19.4%)
Some	5,385 (40.8%)	1,742 (41.3%)
Not very much	3,040 (23.0%)	985 (23.3%)
None at all	2,357 (17.9%)	675 (16.0%)
(Missing)	25 (0.2%)	0 (<0.0%)
<i>Number of drinks per week</i>		
Mean	2.0	2.0
Standard Deviation	5.7	5.5
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	223 (1.7%)	77 (1.8%)
<i>Days exercise per week</i>		
Mean	2.2	2.2
Standard Deviation	2.4	2.4
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	50 (0.4%)	14 (0.3%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	3,327 (25.2%)	802 (19.0%)
9-15	7,618 (57.7%)	2,536 (60.1%)
16+	2,248 (17.0%)	883 (20.9%)
(Missing)	11 (0.1%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	3,634 (27.5%)	1,371 (32.5%)

Table S11b. Weighted summary statistics for exposure and outcome variables in Brazil

Outcome	Wave 1 N = 13,203	Wave 2 N = 4,222
Self-employed	2,876 (21.8%)	927 (22.0%)
Retired	1,629 (12.3%)	562 (13.3%)
Student	664 (5.0%)	136 (3.2%)
Homemaker	1,319 (10.0%)	440 (10.4%)
Unemployed and looking for a job	2,430 (18.4%)	565 (13.4%)
None of these/Other	449 (3.4%)	140 (3.3%)
(Missing)	203 (1.5%)	82 (1.9%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,998 (15.1%)	657 (15.6%)
Getting by on present income	5,718 (43.3%)	2,003 (47.4%)
Finding it difficult on present income	3,692 (28.0%)	1,104 (26.1%)
Finding it very difficult on present income	1,334 (10.1%)	390 (9.2%)
(Missing)	461 (3.5%)	68 (1.6%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	7,302 (55.3%)	2,550 (60.4%)
Someone in this household rents this home	3,348 (25.4%)	1,035 (24.5%)
Both	268 (2.0%)	82 (1.9%)
Neither	1,822 (13.8%)	463 (11.0%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	463 (3.5%)	93 (2.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	5,940 (45.0%)	2,071 (49.1%)
Often	4,230 (32.0%)	1,176 (27.9%)
Rarely	2,339 (17.7%)	717 (17.0%)
Never	664 (5.0%)	254 (6.0%)
(Missing)	30 (0.2%)	3 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	7,981 (60.4%)	2,526 (59.8%)
No	2,856 (21.6%)	911 (21.6%)
Unsure	2,303 (17.4%)	753 (17.8%)
(Missing)	63 (0.5%)	31 (0.7%)
<i>Transformative religious experience, n (%)</i>		
Yes	7,804 (59.1%)	2,396 (56.8%)
No	5,308 (40.2%)	1,797 (42.6%)
(Missing)	91 (0.7%)	29 (0.7%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	2,262 (17.1%)	765 (18.1%)
About once a day	2,888 (21.9%)	933 (22.1%)
Sometimes	6,333 (48.0%)	1,903 (45.1%)
Never	1,588 (12.0%)	582 (13.8%)
(Missing)	133 (1.0%)	39 (0.9%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	4,050 (30.7%)	1,352 (32.0%)
About once a day	4,394 (33.3%)	1,301 (30.8%)
Sometimes	3,748 (28.4%)	1,212 (28.7%)
Never	870 (6.6%)	308 (7.3%)
(Missing)	142 (1.1%)	48 (1.1%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	11,458 (86.8%)	3,629 (86.0%)

Table S11b. Weighted summary statistics for exposure and outcome variables in Brazil

Outcome	Wave 1 N = 13,203	Wave 2 N = 4,222
More than one god	330 (2.5%)	108 (2.6%)
An impersonal spiritual force	806 (6.1%)	277 (6.6%)
None of these	259 (2.0%)	88 (2.1%)
Unsure	268 (2.0%)	92 (2.2%)
(Missing)	81 (0.6%)	28 (0.7%)
<i>Religious centrality, n (%)</i>		
Agree	8,555 (64.8%)	2,727 (64.6%)
Disagree	1,384 (10.5%)	496 (11.7%)
Not relevant	1,658 (12.6%)	543 (12.9%)
Unsure	1,526 (11.6%)	445 (10.5%)
(Missing)	79 (0.6%)	11 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	10,370 (78.5%)	3,255 (77.1%)
Disagree	817 (6.2%)	261 (6.2%)
Not relevant	1,116 (8.5%)	399 (9.5%)
Unsure	854 (6.5%)	303 (7.2%)
(Missing)	45 (0.3%)	4 (0.1%)
<i>Feel loved by God, n (%)</i>		
Agree	11,452 (86.7%)	3,659 (86.7%)
Disagree	459 (3.5%)	144 (3.4%)
Not relevant	679 (5.1%)	214 (5.1%)
Unsure	553 (4.2%)	199 (4.7%)
(Missing)	60 (0.5%)	6 (0.1%)
<i>Feel punished by God, n (%)</i>		
Agree	2,436 (18.4%)	642 (15.2%)
Disagree	7,782 (58.9%)	2,567 (60.8%)
Not relevant	1,542 (11.7%)	525 (12.4%)
Unsure	1,373 (10.4%)	483 (11.4%)
(Missing)	70 (0.5%)	6 (0.1%)
<i>Experienced religious criticism, n (%)</i>		
Agree	2,326 (17.6%)	666 (15.8%)
Disagree	6,345 (48.1%)	2,141 (50.7%)
Not relevant	2,525 (19.1%)	860 (20.4%)
Unsure	1,946 (14.7%)	544 (12.9%)
(Missing)	62 (0.5%)	11 (0.3%)
<i>Faith-sharing, n (%)</i>		
Agree	8,180 (62.0%)	2,618 (62.0%)
Disagree	2,200 (16.7%)	733 (17.4%)
Not relevant	2,105 (15.9%)	695 (16.5%)
Unsure	662 (5.0%)	166 (3.9%)
(Missing)	56 (0.4%)	10 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S11c. Unweighted summary statistics for demographic and childhood variables in Brazil by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 8,294	Retained-Observed in Wave 2 N = 4,702
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	63 (0.8%)	74 (1.6%)
1943-1953 (current age: 70-79 years)	231 (2.8%)	333 (7.1%)
1953-1963 (current age: 60-69 years)	796 (9.6%)	704 (15.0%)
1963-1973 (current age: 50-59 years)	1,109 (13.4%)	900 (19.1%)
1973-1983 (current age: 40-49 years)	1,496 (18.0%)	983 (20.9%)
1983-1993 (current age: 30-39 years)	1,873 (22.6%)	904 (19.2%)
1993-1998 (current age: 25-29 years)	1,066 (12.8%)	366 (7.8%)
1998-2005 (current age: 18-24 years)	1,659 (20.0%)	438 (9.3%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	39.4	46.6
Standard Deviation	15.6	16.1
Min, Max	18.0, 93.0	18.0, 92.0
<i>Gender, n (%)</i>		
Male	3,930 (47.4%)	2,310 (49.1%)
Female	4,322 (52.1%)	2,368 (50.4%)
Other	16 (0.2%)	18 (0.4%)
(Missing)	25 (0.3%)	5 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	2,954 (35.6%)	1,372 (29.2%)
Married	2,578 (31.1%)	1,951 (41.5%)
Separated	384 (4.6%)	192 (4.1%)
Divorced	527 (6.4%)	316 (6.7%)
Widowed	222 (2.7%)	214 (4.5%)
Domestic partner	1,417 (17.1%)	609 (13.0%)
(Missing)	211 (2.5%)	49 (1.0%)
<i>Education (years), n (%)</i>		
Up to 8	2,201 (26.5%)	1,066 (22.7%)
9-15	4,953 (59.7%)	2,535 (53.9%)
16+	1,132 (13.6%)	1,098 (23.4%)
(Missing)	8 (0.1%)	3 (0.1%)
<i>Employment status, n (%)</i>		
Employed for an employer	2,236 (27.0%)	1,344 (28.6%)
Self-employed	1,780 (21.5%)	1,052 (22.4%)
Retired	848 (10.2%)	766 (16.3%)
Student	487 (5.9%)	162 (3.4%)
Homemaker	856 (10.3%)	440 (9.4%)
Unemployed and looking for a job	1,642 (19.8%)	742 (15.8%)
None of these/Other	277 (3.3%)	165 (3.5%)
(Missing)	167 (2.0%)	30 (0.6%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	1,443 (17.4%)	922 (19.6%)
Once a week	1,411 (17.0%)	838 (17.8%)
One to three times a month	911 (11.0%)	471 (10.0%)
A few times a year	2,562 (30.9%)	1,339 (28.5%)
Never	1,927 (23.2%)	1,111 (23.6%)
(Missing)	40 (0.5%)	21 (0.4%)
<i>Immigration status, n (%)</i>		

Table S11c. Unweighted summary statistics for demographic and childhood variables in Brazil by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 8,294	Retained-Observed in Wave 2 N = 4,702
Born in this country	7,900 (95.3%)	4,583 (97.5%)
Born in another country	95 (1.1%)	56 (1.2%)
(Missing)	299 (3.6%)	63 (1.3%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	5,019 (60.5%)	3,349 (71.2%)
Parents were divorced	981 (11.8%)	381 (8.1%)
Parents were never married	1,345 (16.2%)	636 (13.5%)
One or both of them had died	320 (3.9%)	185 (3.9%)
Unsure	253 (3.0%)	82 (1.7%)
(Missing)	376 (4.5%)	69 (1.5%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	3,846 (46.4%)	2,356 (50.1%)
One to three times a month	1,681 (20.3%)	783 (16.7%)
Less than once a month	1,657 (20.0%)	915 (19.5%)
Never	1,065 (12.8%)	621 (13.2%)
(Missing)	45 (0.5%)	27 (0.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	5,182 (62.5%)	3,047 (64.8%)
Somewhat good	2,268 (27.3%)	1,227 (26.1%)
Somewhat bad	327 (3.9%)	152 (3.2%)
Very bad	141 (1.7%)	71 (1.5%)
(Does not apply)	329 (4.0%)	179 (3.8%)
(Missing)	47 (0.6%)	26 (0.6%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	3,969 (47.9%)	2,277 (48.4%)
Somewhat good	2,247 (27.1%)	1,336 (28.4%)
Somewhat bad	665 (8.0%)	357 (7.6%)
Very bad	493 (5.9%)	262 (5.6%)
(Does not apply)	872 (10.5%)	424 (9.0%)
(Missing)	47 (0.6%)	46 (1.0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,112 (13.4%)	549 (11.7%)
No	6,963 (84.0%)	4,063 (86.4%)
(Missing)	219 (2.6%)	90 (1.9%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	1,604 (19.3%)	957 (20.4%)
No	6,312 (76.1%)	3,677 (78.2%)
(Missing)	378 (4.6%)	67 (1.4%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	3,350 (40.4%)	1,845 (39.2%)
Very good	2,192 (26.4%)	1,147 (24.4%)
Good	1,721 (20.8%)	1,121 (23.8%)
Fair	880 (10.6%)	481 (10.2%)
Poor	132 (1.6%)	97 (2.1%)
(Missing)	19 (0.2%)	11 (0.2%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	3,135 (37.8%)	1,778 (37.8%)

Table S11c. Unweighted summary statistics for demographic and childhood variables in Brazil by retention status

Characteristic	Attrititors-Not Observed in	Retained-Observed in
	Wave 2 N = 8,294	Wave 2 N = 4,702
Got by	2,967 (35.8%)	1,564 (33.3%)
Found it difficult	1,510 (18.2%)	940 (20.0%)
Found it very difficult	627 (7.6%)	396 (8.4%)
(Missing)	54 (0.6%)	25 (0.5%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	7,057 (85.1%)	4,160 (88.5%)
Taoism	0 (<0.0%)	0 (<0.0%)
Confucianism	3 (0.0%)	4 (0.1%)
Primal, Animist, or Folk religion	12 (0.1%)	5 (0.1%)
Spiritism	219 (2.6%)	109 (2.3%)
Umbanda, Candomblé, and other		
African-derived religions	184 (2.2%)	73 (1.6%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	10 (0.1%)	5 (0.1%)
Hinduism	0 (<0.0%)	0 (<0.0%)
Buddhism	18 (0.2%)	7 (0.2%)
Judaism	33 (0.4%)	8 (0.2%)
Sikhism	0 (0%)	0 (0%)
Baha'i	1 (0.0%)	0 (0%)
Jainism	3 (0.0%)	1 (0.0%)
Shinto	3 (0.0%)	1 (0.0%)
Some other religion	67 (0.8%)	21 (0.5%)
No religion/Atheist/Agnostic	620 (7.5%)	277 (5.9%)
(Missing)	64 (0.8%)	30 (0.6%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S11d. Unweighted summary statistics for Wave 1 outcome variables in Brazil by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 8,294	Wave 2 N = 4,702
<i>Secure flourishing index</i>		
Mean	7.0	7.1
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.8, 10.0
(Missing)	215 (2.6%)	98 (2.1%)
<i>Flourishing index</i>		
Mean	7.6	7.7
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	1.0, 10.0
(Missing)	197 (2.4%)	89 (1.9%)
<i>Happiness & life satisfaction</i>		
Mean	7.2	7.3
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (0.6%)	19 (0.4%)
<i>Physical & mental health</i>		
Mean	7.3	7.3
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	34 (0.4%)	16 (0.3%)
<i>Meaning & purpose</i>		
Mean	7.8	7.9
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	33 (0.4%)	29 (0.6%)
<i>Character & virtue</i>		
Mean	8.3	8.3
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	58 (0.7%)	28 (0.6%)
<i>Close social relationships</i>		
Mean	7.4	7.5
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	59 (0.7%)	24 (0.5%)
<i>Financial & material security</i>		
Mean	4.0	4.0
Standard Deviation	3.6	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.4%)	17 (0.4%)
<i>Life satisfaction</i>		
Mean	7.1	7.2
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.2%)	13 (0.3%)
<i>Happiness</i>		
Mean	7.3	7.4
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0

Table S11d. Unweighted summary statistics for Wave 1 outcome variables in Brazil by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 8,294	N = 4,702
(Missing)	30 (0.4%)	7 (0.1%)
<i>Self-rated physical health</i>		
Mean	7.2	7.1
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.3%)	11 (0.2%)
<i>Self-rated mental health</i>		
Mean	7.3	7.5
Standard Deviation	2.7	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	8 (0.2%)
<i>Understanding purpose</i>		
Mean	7.8	7.8
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.3%)	22 (0.5%)
<i>Meaningful activities</i>		
Mean	7.8	7.9
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.2%)	7 (0.1%)
<i>Orientation to promote good</i>		
Mean	8.6	8.6
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	36 (0.4%)	13 (0.3%)
<i>Delayed gratification</i>		
Mean	8.1	8.1
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.3%)	15 (0.3%)
<i>Relationship contentment</i>		
Mean	7.7	7.7
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.3%)	14 (0.3%)
<i>Relationship satisfaction</i>		
Mean	7.2	7.3
Standard Deviation	2.9	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	39 (0.5%)	15 (0.3%)
<i>Financial security</i>		
Mean	4.0	4.0
Standard Deviation	3.8	3.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	9 (0.2%)
<i>Material security</i>		
Mean	3.9	3.9
Standard Deviation	3.9	3.8

Table S11d. Unweighted summary statistics for Wave 1 outcome variables in Brazil by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 8,294	Wave 2 N = 4,702
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	8 (0.2%)
<i>Current life evaluation</i>		
Mean	6.5	6.7
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.1%)	6 (0.1%)
<i>Future life evaluation</i>		
Mean	8.7	8.5
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	92 (1.1%)	55 (1.2%)
<i>Optimism</i>		
Mean	9.2	9.2
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	12 (0.3%)
<i>Freedom to pursue what's important</i>		
Mean	8.3	8.3
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	20 (0.4%)
<i>Inner peace, n (%)</i>		
Always	2,032 (24.5%)	1,186 (25.2%)
Often	3,734 (45.0%)	2,254 (47.9%)
Rarely	2,210 (26.6%)	1,089 (23.2%)
Never	282 (3.4%)	165 (3.5%)
(Missing)	36 (0.4%)	9 (0.2%)
<i>Life balance, n (%)</i>		
Always	1,441 (17.4%)	792 (16.8%)
Often	4,040 (48.7%)	2,430 (51.7%)
Rarely	2,490 (30.0%)	1,320 (28.1%)
Never	300 (3.6%)	150 (3.2%)
(Missing)	22 (0.3%)	10 (0.2%)
<i>Sense of mastery, n (%)</i>		
Always	2,729 (32.9%)	1,560 (33.2%)
Often	3,840 (46.3%)	2,285 (48.6%)
Rarely	1,501 (18.1%)	742 (15.8%)
Never	158 (1.9%)	91 (1.9%)
(Missing)	66 (0.8%)	23 (0.5%)
<i>Traumatic distress, n (%)</i>		
A lot	1,730 (20.9%)	915 (19.5%)
Some	2,578 (31.1%)	1,415 (30.1%)
Not very much	1,897 (22.9%)	1,079 (23.0%)
Not at all	2,045 (24.7%)	1,272 (27.0%)
(Missing)	45 (0.5%)	21 (0.5%)
<i>Depression symptoms composite, n (%)</i>	3,598 (43.7%)	1,686 (36.0%)
(Missing)	67 (0.8%)	23 (0.5%)
<i>Depression – feel hopeless, n (%)</i>		

Table S11d. Unweighted summary statistics for Wave 1 outcome variables in Brazil by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 8,294	N = 4,702
Nearly every day	1,360 (16.4%)	623 (13.2%)
More than half the days	1,326 (16.0%)	605 (12.9%)
Several days	2,156 (26.0%)	1,294 (27.5%)
Not at all	3,423 (41.3%)	2,168 (46.1%)
(Missing)	29 (0.3%)	13 (0.3%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	1,691 (20.4%)	824 (17.5%)
More than half the days	1,714 (20.7%)	796 (16.9%)
Several days	2,185 (26.3%)	1,307 (27.8%)
Not at all	2,658 (32.0%)	1,761 (37.5%)
(Missing)	46 (0.5%)	14 (0.3%)
<i>Anxiety symptoms composite, n (%)</i>	4,041 (49.0%)	1,978 (42.2%)
(Missing)	55 (0.7%)	14 (0.3%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	2,129 (25.7%)	1,011 (21.5%)
More than half the days	1,374 (16.6%)	730 (15.5%)
Several days	2,516 (30.3%)	1,494 (31.8%)
Not at all	2,243 (27.0%)	1,455 (30.9%)
(Missing)	32 (0.4%)	11 (0.2%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	2,082 (25.1%)	1,005 (21.4%)
More than half the days	1,423 (17.2%)	633 (13.5%)
Several days	2,080 (25.1%)	1,363 (29.0%)
Not at all	2,672 (32.2%)	1,695 (36.0%)
(Missing)	37 (0.4%)	5 (0.1%)
<i>Suffering, n (%)</i>		
A lot	1,021 (12.3%)	524 (11.1%)
Some	3,589 (43.3%)	2,059 (43.8%)
Not very much	1,948 (23.5%)	1,085 (23.1%)
Not at all	1,685 (20.3%)	1,018 (21.7%)
(Missing)	51 (0.6%)	16 (0.3%)
<i>Social support</i>		
Mean	7.2	7.3
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	42 (0.5%)	11 (0.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	6,797 (82.0%)	3,783 (80.5%)
No	1,408 (17.0%)	897 (19.1%)
(Missing)	89 (1.1%)	21 (0.5%)
<i>Government approval, n (%)</i>		
Strongly approve	997 (12.0%)	628 (13.4%)
Somewhat approve	1,864 (22.5%)	1,067 (22.7%)
Neither approve nor disapprove	2,243 (27.0%)	954 (20.3%)
Somewhat disapprove	1,283 (15.5%)	770 (16.4%)
Strongly disapprove	1,847 (22.3%)	1,259 (26.8%)
(Missing)	59 (0.7%)	24 (0.5%)
<i>Say in government, n (%)</i>		
Agree	2,309 (27.8%)	1,204 (25.6%)

Table S11d. Unweighted summary statistics for Wave 1 outcome variables in Brazil by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 8,294	N = 4,702
Disagree	3,521 (42.5%)	2,323 (49.4%)
Unsure	2,386 (28.8%)	1,161 (24.7%)
(Missing)	77 (0.9%)	14 (0.3%)
<i>Belonging in country</i>		
Mean	7.8	7.8
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	104 (1.2%)	64 (1.4%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	5,039 (60.8%)	3,009 (64.0%)
Dissatisfied	2,159 (26.0%)	1,236 (26.3%)
Unsure	1,014 (12.2%)	435 (9.3%)
(Missing)	81 (1.0%)	21 (0.4%)
<i>Trust within country, n (%)</i>		
All people	125 (1.5%)	43 (0.9%)
Most people	653 (7.9%)	438 (9.3%)
Some people	2,992 (36.1%)	1,728 (36.8%)
Not very many people	3,585 (43.2%)	2,011 (42.8%)
None	877 (10.6%)	461 (9.8%)
(Missing)	63 (0.8%)	19 (0.4%)
<i>Number of children</i>		
Mean	1.0	0.8
Standard Deviation	1.5	1.1
Min, Max	0.0, 97.0	0.0, 26.0
(Missing)	253 (3.0%)	60 (1.3%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	761 (9.2%)	423 (9.0%)
Once a week	783 (9.4%)	392 (8.3%)
One to three times a month	611 (7.4%)	328 (7.0%)
A few times a year	2,003 (24.1%)	1,192 (25.4%)
Never	4,076 (49.1%)	2,347 (49.9%)
(Missing)	60 (0.7%)	20 (0.4%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	1,443 (17.4%)	922 (19.6%)
Once a week	1,411 (17.0%)	838 (17.8%)
One to three times a month	911 (11.0%)	471 (10.0%)
A few times a year	2,562 (30.9%)	1,339 (28.5%)
Never	1,927 (23.2%)	1,111 (23.6%)
(Missing)	40 (0.5%)	21 (0.4%)
<i>Loneliness</i>		
Mean	4.0	3.8
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	8 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	931 (11.2%)	473 (10.1%)
Often	1,715 (20.7%)	887 (18.9%)
Rarely	3,084 (37.2%)	1,849 (39.3%)
Never	2,538 (30.6%)	1,481 (31.5%)

Table S11d. Unweighted summary statistics for Wave 1 outcome variables in Brazil by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 8,294	N = 4,702
(Missing)	26 (0.3%)	12 (0.3%)
<i>Hope</i>		
Mean	8.9	8.8
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.2%)	8 (0.2%)
<i>Gratitude</i>		
Mean	8.6	8.6
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.3%)	15 (0.3%)
<i>Showing love/care</i>		
Mean	8.5	8.5
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	10 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	3,016 (36.4%)	1,720 (36.6%)
Often	2,876 (34.7%)	1,793 (38.1%)
Rarely	1,942 (23.4%)	952 (20.3%)
Never	433 (5.2%)	231 (4.9%)
(Missing)	26 (0.3%)	5 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	2,386 (28.8%)	1,644 (35.0%)
No	5,893 (71.1%)	3,041 (64.7%)
(Missing)	15 (0.2%)	17 (0.4%)
<i>Helping strangers, n (%)</i>		
Yes	5,702 (68.7%)	3,172 (67.5%)
No	2,542 (30.6%)	1,505 (32.0%)
(Missing)	50 (0.6%)	25 (0.5%)
<i>Volunteering, n (%)</i>		
Yes	1,547 (18.6%)	864 (18.4%)
No	6,722 (81.1%)	3,823 (81.3%)
(Missing)	25 (0.3%)	15 (0.3%)
<i>Health problems, n (%)</i>		
Yes	1,520 (18.3%)	964 (20.5%)
No	6,498 (78.3%)	3,685 (78.4%)
(Missing)	276 (3.3%)	53 (1.1%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	1,530 (18.5%)	826 (17.6%)
Some	3,356 (40.5%)	1,946 (41.4%)
Not very much	1,865 (22.5%)	1,130 (24.0%)
None at all	1,521 (18.3%)	796 (16.9%)
(Missing)	22 (0.3%)	3 (0.1%)
<i>Number of drinks per week</i>		
Mean	2.0	2.0
Standard Deviation	5.9	5.4
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	166 (2.0%)	51 (1.1%)

Table S11d. Unweighted summary statistics for Wave 1 outcome variables in Brazil by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 8,294	Wave 2 N = 4,702
<i>Days exercise per week</i>		
Mean	2.1	2.2
Standard Deviation	2.4	2.4
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	33 (0.4%)	16 (0.3%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	2,201 (26.5%)	1,066 (22.7%)
9-15	4,953 (59.7%)	2,535 (53.9%)
16+	1,132 (13.6%)	1,098 (23.4%)
(Missing)	8 (0.1%)	3 (0.1%)
<i>Currently employed, n (%)</i>		
Employed for an employer	2,236 (27.0%)	1,344 (28.6%)
Self-employed	1,780 (21.5%)	1,052 (22.4%)
Retired	848 (10.2%)	766 (16.3%)
Student	487 (5.9%)	162 (3.4%)
Homemaker	856 (10.3%)	440 (9.4%)
Unemployed and looking for a job	1,642 (19.8%)	742 (15.8%)
None of these/Other	277 (3.3%)	165 (3.5%)
(Missing)	167 (2.0%)	30 (0.6%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,187 (14.3%)	783 (16.7%)
Getting by on present income	3,434 (41.4%)	2,204 (46.9%)
Finding it difficult on present income	2,441 (29.4%)	1,186 (25.2%)
Finding it very difficult on present income	850 (10.2%)	462 (9.8%)
(Missing)	381 (4.6%)	67 (1.4%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	4,225 (50.9%)	2,985 (63.5%)
Someone in this household rents this home	2,231 (26.9%)	1,057 (22.5%)
Both	186 (2.2%)	76 (1.6%)
Neither	1,262 (15.2%)	524 (11.1%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	390 (4.7%)	59 (1.3%)
<i>Religious/spiritual connection, n (%)</i>		
Always	3,609 (43.5%)	2,246 (47.8%)
Often	2,716 (32.7%)	1,444 (30.7%)
Rarely	1,534 (18.5%)	765 (16.3%)
Never	415 (5.0%)	238 (5.1%)
(Missing)	21 (0.2%)	9 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	5,031 (60.7%)	2,824 (60.1%)
No	1,799 (21.7%)	1,012 (21.5%)
Unsure	1,421 (17.1%)	848 (18.0%)
(Missing)	43 (0.5%)	18 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	4,955 (59.7%)	2,723 (57.9%)
No	3,271 (39.4%)	1,957 (41.6%)
(Missing)	68 (0.8%)	21 (0.5%)

Table S11d. Unweighted summary statistics for Wave 1 outcome variables in Brazil by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 8,294	Wave 2 N = 4,702
<i>Religious reading or listening, n (%)</i>		
More than once a day	1,394 (16.8%)	833 (17.7%)
About once a day	1,717 (20.7%)	1,132 (24.1%)
Sometimes	4,108 (49.5%)	2,117 (45.0%)
Never	986 (11.9%)	577 (12.3%)
(Missing)	88 (1.1%)	42 (0.9%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	2,454 (29.6%)	1,539 (32.7%)
About once a day	2,714 (32.7%)	1,613 (34.3%)
Sometimes	2,476 (29.9%)	1,205 (25.6%)
Never	553 (6.7%)	303 (6.4%)
(Missing)	97 (1.2%)	42 (0.9%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	7,208 (86.9%)	4,070 (86.6%)
More than one god	227 (2.7%)	96 (2.0%)
An impersonal spiritual force	465 (5.6%)	331 (7.0%)
None of these	166 (2.0%)	88 (1.9%)
Unsure	168 (2.0%)	97 (2.1%)
(Missing)	59 (0.7%)	20 (0.4%)
<i>Religious centrality, n (%)</i>		
Agree	5,280 (63.7%)	3,147 (66.9%)
Disagree	870 (10.5%)	493 (10.5%)
Not relevant	1,048 (12.6%)	584 (12.4%)
Unsure	1,034 (12.5%)	463 (9.9%)
(Missing)	62 (0.7%)	15 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	6,438 (77.6%)	3,774 (80.3%)
Disagree	528 (6.4%)	275 (5.9%)
Not relevant	714 (8.6%)	384 (8.2%)
Unsure	579 (7.0%)	260 (5.5%)
(Missing)	34 (0.4%)	10 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	7,177 (86.5%)	4,096 (87.1%)
Disagree	268 (3.2%)	185 (3.9%)
Not relevant	454 (5.5%)	212 (4.5%)
Unsure	353 (4.3%)	191 (4.1%)
(Missing)	42 (0.5%)	17 (0.4%)
<i>Feel punished by God, n (%)</i>		
Agree	1,563 (18.9%)	832 (17.7%)
Disagree	4,753 (57.3%)	2,916 (62.0%)
Not relevant	985 (11.9%)	532 (11.3%)
Unsure	943 (11.4%)	403 (8.6%)
(Missing)	49 (0.6%)	19 (0.4%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,530 (18.4%)	755 (16.1%)
Disagree	3,869 (46.6%)	2,384 (50.7%)
Not relevant	1,578 (19.0%)	908 (19.3%)
Unsure	1,267 (15.3%)	645 (13.7%)
(Missing)	50 (0.6%)	10 (0.2%)

Table S11d. Unweighted summary statistics for Wave 1 outcome variables in Brazil by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 8,294	Wave 2 N = 4,702
<i>Faith-sharing, n (%)</i>		
Agree	5,087 (61.3%)	2,968 (63.1%)
Disagree	1,391 (16.8%)	773 (16.4%)
Not relevant	1,277 (15.4%)	798 (17.0%)
Unsure	499 (6.0%)	147 (3.1%)
(Missing)	40 (0.5%)	15 (0.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S11e. Summary of fitted attrition model in Brazil

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	1.02	0.96, 1.08	0.512
Recruitment Survey Mode			
<i>CAWI</i>	—	—	
<i>CATI</i>	1.99	1.77, 2.25	4.68e-29
<i>CAPI</i>	1.33	1.11, 1.60	0.002
Happiness & life satisfaction	1.02	0.94, 1.11	0.676
Physical & mental health	0.96	0.89, 1.03	0.271
Meaning & purpose	0.94	0.86, 1.02	0.120
Character & virtue	0.96	0.90, 1.02	0.170
Close social relationships	1.00	0.93, 1.08	0.937
Financial & material security	0.96	0.91, 1.02	0.179
Extraversion	0.95	0.90, 1.01	0.093
Openness to experience	0.98	0.92, 1.04	0.432
Agreeableness	1.04	0.98, 1.10	0.231
Conscientiousness	1.04	0.99, 1.11	0.144
Neuroticism	0.98	0.92, 1.05	0.619
Depression symptoms composite	1.00	0.94, 1.07	0.980
Anxiety symptoms composite	0.97	0.91, 1.03	0.371
Loneliness	1.00	0.94, 1.07	0.888
Days exercise per week	1.05	1.00, 1.11	0.072
Year of birth (age group)			
<i>1983-1993 (current age: 30-39 years)</i>	—	—	
<i>1973-1983 (current age: 40-49 years)</i>	1.33	1.15, 1.53	1.07e-04
<i>1998-2005 (current age: 18-24 years)</i>	0.57	0.48, 0.68	4.48e-10
<i>1993-1998 (current age: 25-29 years)</i>	0.73	0.61, 0.87	4.18e-04
<i>1963-1973 (current age: 50-59 years)</i>	1.67	1.42, 1.97	1.07e-09
<i>1953-1963 (current age: 60-69 years)</i>	1.76	1.37, 2.26	8.61e-06
<i>1943-1953 (current age: 70-79 years)</i>	2.57	1.72, 3.84	3.75e-06
<i>1943 or earlier (current age: 80+ years)</i>	2.18	1.12, 4.24	0.021
Gender of respondent			
<i>Female</i>	—	—	
<i>Male</i>	0.96	0.85, 1.08	0.463
<i>Other</i>	1.86	0.91, 3.78	0.088
Marital status			
<i>Single/Never been married</i>	—	—	
<i>Married</i>	1.08	0.94, 1.24	0.281
<i>Domestic partner</i>	0.88	0.75, 1.03	0.116
<i>Divorced</i>	0.81	0.64, 1.02	0.073
<i>Separated</i>	0.80	0.61, 1.05	0.113
<i>Widowed</i>	0.98	0.69, 1.38	0.897
Employment status			
<i>Employed for an employer</i>	—	—	
<i>Self-employed</i>	1.01	0.88, 1.16	0.888
<i>Unemployed and looking for a job</i>	1.12	0.96, 1.32	0.161
<i>Homemaker</i>	0.99	0.80, 1.22	0.889
<i>Retired</i>	0.79	0.61, 1.02	0.066
<i>Student</i>	1.21	0.93, 1.59	0.163
<i>None of these/Other</i>	0.89	0.66, 1.20	0.446
Religious attendance			
<i>A few times a year</i>	—	—	
<i>Never</i>	1.03	0.90, 1.18	0.667
<i>More than once a week</i>	1.15	0.98, 1.34	0.090

Table S11e. Summary of fitted attrition model in Brazil

Characteristic	Odds Ratio	95% CI	p-value
<i>Once a week</i>	1.05	0.90, 1.22	0.568
<i>One to three times a month</i>	0.99	0.83, 1.18	0.925
Educational attainment (16+ years)			
<i>9-15</i>	—	—	
<i>16+</i>	1.14	0.99, 1.32	0.063
<i>Up to 8</i>	0.88	0.76, 1.02	0.082
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	1.00	0.59, 1.68	0.993
Race plurality (prominent race/ethnic group [0] or not [1])	0.93	0.89, 0.98	0.012
Urbanicity			
<i>A large city</i>	—	—	
<i>A small town or village</i>	0.82	0.73, 0.92	0.001
<i>A suburb of a large city</i>	0.97	0.81, 1.17	0.750
<i>A rural area or on a farm</i>	0.90	0.74, 1.10	0.309
Monthly household income			
<i>Brazil: 1,001 – 1,500 reals</i>	—	—	
<i>Brazil: 1,501 – 2,000 reals</i>	1.12	0.91, 1.37	0.284
<i>Brazil: 2,501 – 3,000 reals</i>	1.23	0.99, 1.54	0.061
<i>Brazil: 2,001 – 2,500 reals</i>	1.15	0.92, 1.43	0.223
<i>Brazil: 3,001 – 4,000 reals</i>	1.53	1.22, 1.90	1.70e-04
<i>(None/No household income)</i>	0.80	0.62, 1.03	0.078
<i>Brazil: 751 – 1,000 reals</i>	0.97	0.76, 1.24	0.830
<i>Brazil: 4,001 – 5,000 reals</i>	1.60	1.25, 2.04	1.79e-04
<i>Brazil: 501 – 750 reals</i>	1.16	0.87, 1.54	0.320
<i>Brazil: 5,001 – 6,000 reals</i>	1.55	1.17, 2.05	0.002
<i>Brazil: 101 – 500 reals</i>	0.79	0.58, 1.06	0.118
<i>Brazil: 6,001 – 8,000 reals</i>	1.51	1.13, 2.03	0.005
<i>Brazil: 10,001 – 15,000 reals</i>	2.30	1.66, 3.20	6.83e-07
<i>Brazil: 8,001 – 10,000 reals</i>	1.70	1.24, 2.33	0.001
<i>Brazil: 100 reals or less</i>	0.71	0.49, 1.04	0.076
<i>Brazil: More than 15,000 reals</i>	1.76	1.22, 2.52	0.002

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=13203; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S11f. Summary of principal components in Brazil

PC	Percent Explained by each PC	Cumulative Percent Explained
1	33.94	33.94
2	5.99	39.93
3	3.61	43.55
4	2.37	45.92
5	2.19	48.11
6	1.68	49.80
7	1.60	51.40
8	1.56	52.96
9	1.51	54.47
10	1.38	55.85
11	1.29	57.14
12	1.26	58.40
13	1.22	59.63
14	1.19	60.82
15	1.13	61.95
16	1.09	63.05
17	1.06	64.10
18	1.05	65.15
19	1.04	66.19
20	1.00	67.19

Notes. N=13203; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S11g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Brazil

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.69	(0.66,0.71)	0.01	2.22e-16***	0.53	(0.50,0.56)	0.02	2.22e-16***
Flourishing index	0.66	(0.64,0.69)	0.01	2.22e-16***	0.48	(0.44,0.51)	0.02	2.22e-16***
Happiness & life satisfaction	0.56	(0.54,0.59)	0.01	2.22e-16***	0.27	(0.24,0.30)	0.01	2.22e-16***
Physical & mental health	0.55	(0.53,0.57)	0.01	2.22e-16***	0.25	(0.22,0.28)	0.02	2.22e-16***
Meaning & purpose	0.54	(0.51,0.56)	0.01	2.22e-16***	0.25	(0.21,0.28)	0.02	2.22e-16***
Character & virtue	0.28	(0.26,0.31)	0.01	2.22e-16***	0.10	(0.08,0.13)	0.01	2.07e-12***
Close social relationships	0.49	(0.46,0.52)	0.01	2.22e-16***	0.22	(0.19,0.25)	0.02	2.22e-16***
Financial & material security	0.30	(0.27,0.32)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.53	(0.50,0.55)	0.01	2.22e-16***	0.23	(0.21,0.26)	0.01	2.22e-16***
Happiness (a)	0.50	(0.47,0.52)	0.01	2.22e-16***	0.19	(0.16,0.22)	0.01	2.22e-16***
Self-rated physical health (b)	0.42	(0.39,0.44)	0.01	2.22e-16***	0.16	(0.14,0.19)	0.01	2.22e-16***
Self-rated mental health (b)	0.52	(0.50,0.55)	0.01	2.22e-16***	0.19	(0.16,0.22)	0.02	2.22e-16***
Understanding purpose (c)	0.43	(0.41,0.46)	0.01	2.22e-16***	0.17	(0.14,0.20)	0.02	2.22e-16***
Meaningful activities (c)	0.48	(0.45,0.50)	0.01	2.22e-16***	0.18	(0.14,0.21)	0.02	2.22e-16***
Orientation to promote good (d)	0.28	(0.25,0.31)	0.02	2.22e-16***	0.11	(0.08,0.14)	0.01	4.36e-12***
Delayed gratification (d)	0.21	(0.18,0.23)	0.01	2.22e-16***	0.06	(0.04,0.08)	0.01	1.01e-07***
Relationship contentment (e)	0.44	(0.41,0.47)	0.01	2.22e-16***	0.15	(0.12,0.18)	0.01	2.22e-16***
Relationship satisfaction (e)	0.47	(0.44,0.49)	0.01	2.22e-16***	0.19	(0.16,0.22)	0.02	2.22e-16***
Financial security (f)	0.28	(0.26,0.31)	0.01	2.22e-16***	0.12	(0.09,0.14)	0.01	2.22e-16***
Material security (f)	0.27	(0.25,0.30)	0.01	2.22e-16***	0.12	(0.10,0.14)	0.01	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.39	(0.37,0.42)	0.01	2.22e-16***	0.13	(0.10,0.15)	0.01	2.22e-16***
Future life evaluation	0.25	(0.22,0.28)	0.02	2.22e-16***	0.07	(0.05,0.10)	0.01	1.3e-07***
Optimism	0.21	(0.19,0.24)	0.01	2.22e-16***	0.06	(0.03,0.08)	0.01	4.14e-06***
Freedom to pursue what's important	0.40	(0.37,0.42)	0.01	2.22e-16***	0.14	(0.11,0.16)	0.01	2.22e-16***
Inner peace	0.35	(0.32,0.37)	0.01	2.22e-16***	0.04	(0.02,0.07)	0.01	1.35e-03**
Life balance	0.39	(0.36,0.42)	0.01	2.22e-16***	0.08	(0.05,0.10)	0.01	1.89e-08***
Sense of mastery	0.28	(0.25,0.31)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	7.68e-04**
<i>Psychological Distress</i>								
Traumatic distress	-0.10	(-0.13,-0.08)	0.01	1.31e-13***	-0.00	(-0.02,0.02)	0.01	0.978
Depression symptoms composite	-0.27	(-0.29,-0.24)	0.01	2.22e-16***	-0.01	(-0.04,0.02)	0.01	0.413
Depression – feel hopeless	-0.26	(-0.29,-0.24)	0.01	2.22e-16***	0.01	(-0.02,0.03)	0.01	0.665
Depression – loss of interest	-0.19	(-0.22,-0.17)	0.01	2.22e-16***	-0.01	(-0.03,0.02)	0.01	0.667
Anxiety symptoms composite	-0.26	(-0.29,-0.24)	0.01	2.22e-16***	-0.01	(-0.04,0.01)	0.01	0.286
Anxiety – feel on edge	-0.26	(-0.28,-0.23)	0.01	2.22e-16***	0.00	(-0.02,0.03)	0.01	0.852
Anxiety – cannot stop worrying	-0.22	(-0.24,-0.19)	0.01	2.22e-16***	0.02	(-0.00,0.05)	0.01	0.086
Suffering	-0.25	(-0.28,-0.23)	0.01	2.22e-16***	-0.01	(-0.03,0.01)	0.01	0.229
<i>Social Well-Being</i>								
Social support	0.30	(0.27,0.33)	0.01	2.22e-16***	0.07	(0.05,0.09)	0.01	6.66e-08***
Intimate/close friend	0.16	(0.13,0.19)	0.01	2.22e-16***	0.03	(0.01,0.06)	0.01	0.013*
Government approval	0.09	(0.07,0.11)	0.01	6.66e-16***	0.01	(-0.01,0.03)	0.01	0.189
Say in government	0.08	(0.06,0.11)	0.01	1.63e-11***	0.02	(-0.01,0.04)	0.01	0.151
Belonging in country	0.26	(0.23,0.29)	0.01	2.22e-16***	0.05	(0.02,0.08)	0.01	5.17e-04***
City/place satisfaction	0.20	(0.18,0.23)	0.01	2.22e-16***	0.06	(0.04,0.08)	0.01	1.03e-07***
Trust within country	0.15	(0.12,0.17)	0.01	2.22e-16***	0.03	(0.01,0.05)	0.01	3.54e-03**
<i>Social Participation</i>								
Ever been married	0.14	(0.06,0.22)	0.04	3.91e-04***	0.14	(0.07,0.20)	0.03	2.26e-05***
Currently divorced	-0.02	(-0.05,0.01)	0.01	0.217	0.00	(-0.02,0.02)	0.01	0.904
Number of children	-0.02	(-0.04,0.00)	0.01	0.120	-0.02	(-0.04,0.00)	0.01	0.125
Weekly+ community participation	0.08	(0.06,0.10)	0.01	7.08e-11***	0.02	(0.00,0.04)	0.01	0.018*
Weekly+ religious attendance	0.13	(0.11,0.15)	0.01	2.22e-16***	0.06	(0.04,0.08)	0.01	2.2e-06***
<i>Social Distress</i>								
Loneliness	-0.37	(-0.40,-0.34)	0.01	2.22e-16***	-0.10	(-0.13,-0.08)	0.01	2.98e-14***
Perceived discrimination	-0.07	(-0.09,-0.04)	0.01	2.44e-06***	0.00	(-0.02,0.03)	0.01	0.819
<i>Character & Prosocial Behavior</i>								
Hope	0.29	(0.26,0.32)	0.02	2.22e-16***	0.09	(0.06,0.12)	0.01	7.1e-08***
Gratitude	0.33	(0.30,0.36)	0.01	2.22e-16***	0.11	(0.08,0.14)	0.01	2.86e-11***
Showing love/care	0.25	(0.22,0.28)	0.01	2.22e-16***	0.08	(0.05,0.11)	0.01	2.61e-08***
Forgivingness	0.09	(0.06,0.11)	0.01	3.5e-09***	0.01	(-0.01,0.04)	0.01	0.225
Charitable giving	0.05	(0.03,0.08)	0.01	3.24e-05***	0.01	(-0.01,0.04)	0.01	0.180
Helping strangers	0.06	(0.03,0.09)	0.01	1.67e-05***	0.05	(0.02,0.07)	0.01	2.73e-04***
Volunteering	0.04	(0.02,0.06)	0.01	2.19e-04***	0.03	(0.01,0.05)	0.01	8.91e-04**
<i>Physical Health & Health Behavior</i>								
Health problems	-0.12	(-0.15,-0.10)	0.01	2.22e-16***	-0.03	(-0.05,-0.01)	0.01	0.013*
Pain in past 4 weeks	-0.16	(-0.18,-0.13)	0.01	2.22e-16***	-0.01	(-0.04,0.01)	0.01	0.324
Daily smoker	-0.06	(-0.08,-0.03)	0.01	1.27e-05***	-0.02	(-0.04,-0.00)	0.01	0.043*
Number of drinks per week	-0.01	(-0.04,0.02)	0.01	0.595	0.00	(-0.02,0.03)	0.01	0.690
Days exercise per week	0.15	(0.12,0.17)	0.01	2.22e-16***	0.04	(0.02,0.07)	0.01	1.14e-04***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.01	(-0.04,0.01)	0.01	0.262	-0.03	(-0.04,-0.01)	0.01	0.007*
Currently employed	0.06	(0.03,0.08)	0.01	2.38e-05***	-0.01	(-0.03,0.01)	0.01	0.307
Financially comfortable/getting by	0.20	(0.18,0.23)	0.01	2.22e-16***	0.04	(0.02,0.07)	0.01	6.01e-05***
Own home	0.05	(0.02,0.07)	0.01	2.62e-04***	0.01	(-0.01,0.03)	0.01	0.422
Income – top quintile	-0.00	(-0.03,0.02)	0.01	0.787	-0.02	(-0.04,0.00)	0.01	0.095
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.12	(0.09,0.15)	0.01	2.61e-14***	0.02	(-0.00,0.05)	0.01	0.103
Belief in life after death	0.03	(0.01,0.06)	0.01	4.69e-03**	0.00	(-0.02,0.02)	0.01	0.770
Transformative religious experience	0.06	(0.03,0.08)	0.01	4.23e-06***	0.03	(0.01,0.05)	0.01	0.005*
Religious reading or listening	0.08	(0.05,0.11)	0.01	2.32e-08***	0.04	(0.02,0.06)	0.01	1.02e-03**
Prayer or meditation	0.07	(0.04,0.10)	0.02	2.35e-05***	0.03	(-0.00,0.05)	0.01	0.060
Belief in God/gods/spiritual forces	0.04	(0.01,0.07)	0.02	0.008*	0.01	(-0.02,0.04)	0.01	0.466
Religious centrality	0.10	(0.08,0.13)	0.01	1.07e-14***	0.04	(0.02,0.07)	0.01	5.59e-04***
Religious/spiritual comfort	0.11	(0.08,0.14)	0.01	2.22e-16***	0.08	(0.05,0.10)	0.01	2.62e-10***
Feel loved by God	0.09	(0.07,0.12)	0.01	3.44e-11***	0.04	(0.02,0.06)	0.01	1.36e-03**
Feel punished by God	-0.01	(-0.04,0.02)	0.01	0.385	0.01	(-0.02,0.03)	0.01	0.558
Experienced religious criticism	-0.02	(-0.04,0.01)	0.01	0.230	0.00	(-0.02,0.03)	0.01	0.836
Faith-sharing	0.02	(-0.01,0.04)	0.01	0.220	-0.03	(-0.05,-0.01)	0.01	3.84e-03**

Notes. N=13203; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S11h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Brazil using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.58	(0.54,0.62)	0.02	2.22e-16***	0.46	(0.41,0.51)	0.03	2.22e-16***
Flourishing index	0.56	(0.52,0.60)	0.02	2.22e-16***	0.41	(0.36,0.47)	0.03	2.22e-16***
Happiness & life satisfaction	0.48	(0.44,0.52)	0.02	2.22e-16***	0.26	(0.21,0.30)	0.02	2.22e-16***
Physical & mental health	0.47	(0.43,0.51)	0.02	2.22e-16***	0.24	(0.19,0.29)	0.03	2.22e-16***
Meaning & purpose	0.46	(0.42,0.50)	0.02	2.22e-16***	0.23	(0.19,0.28)	0.02	2.22e-16***
Character & virtue	0.23	(0.19,0.28)	0.02	2.22e-16***	0.08	(0.04,0.12)	0.02	2.02e-04***
Close social relationships	0.41	(0.36,0.45)	0.02	2.22e-16***	0.17	(0.13,0.22)	0.02	2.08e-13***
Financial & material security	0.24	(0.20,0.28)	0.02	2.22e-16***	0.13	(0.10,0.17)	0.02	1.25e-13***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.45	(0.41,0.49)	0.02	2.22e-16***	0.22	(0.18,0.27)	0.02	2.22e-16***
Happiness (a)	0.41	(0.37,0.46)	0.02	2.22e-16***	0.18	(0.13,0.23)	0.03	1.82e-11***
Self-rated physical health (b)	0.34	(0.30,0.38)	0.02	2.22e-16***	0.15	(0.11,0.19)	0.02	2.38e-13***
Self-rated mental health (b)	0.46	(0.42,0.50)	0.02	2.22e-16***	0.19	(0.14,0.24)	0.03	2.96e-12***
Understanding purpose (c)	0.38	(0.34,0.42)	0.02	2.22e-16***	0.16	(0.12,0.21)	0.02	2.94e-11***
Meaningful activities (c)	0.40	(0.36,0.44)	0.02	2.22e-16***	0.17	(0.12,0.22)	0.02	3.05e-11***
Orientation to promote good (d)	0.23	(0.19,0.28)	0.02	2.22e-16***	0.09	(0.05,0.14)	0.02	4.57e-05***
Delayed gratification (d)	0.17	(0.12,0.21)	0.02	3.11e-15***	0.04	(0.00,0.08)	0.02	0.028*
Relationship contentment (e)	0.36	(0.31,0.41)	0.02	2.22e-16***	0.11	(0.06,0.16)	0.02	7.38e-06***
Relationship satisfaction (e)	0.39	(0.35,0.44)	0.02	2.22e-16***	0.17	(0.12,0.21)	0.02	2.58e-13***
Financial security (f)	0.22	(0.19,0.26)	0.02	2.22e-16***	0.11	(0.07,0.14)	0.02	7.58e-08***
Material security (f)	0.22	(0.18,0.26)	0.02	2.22e-16***	0.11	(0.07,0.14)	0.02	2.23e-08***
<i>Psychological Well-Being</i>								
Current life evaluation	0.33	(0.29,0.38)	0.02	2.22e-16***	0.13	(0.08,0.17)	0.02	1.55e-08***
Future life evaluation	0.22	(0.17,0.27)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	4.94e-03**
Optimism	0.17	(0.13,0.21)	0.02	8.88e-16***	0.04	(0.00,0.08)	0.02	0.035*
Freedom to pursue what's important	0.34	(0.30,0.38)	0.02	2.22e-16***	0.12	(0.08,0.17)	0.02	1.98e-07***
Inner peace	0.29	(0.25,0.34)	0.02	2.22e-16***	0.03	(-0.02,0.08)	0.02	0.190
Life balance	0.33	(0.29,0.37)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	2.19e-03**
Sense of mastery	0.24	(0.19,0.28)	0.02	2.22e-16***	0.03	(-0.02,0.07)	0.02	0.232
<i>Psychological Distress</i>								
Traumatic distress	-0.06	(-0.10,-0.03)	0.02	1.14e-03**	0.00	(-0.03,0.04)	0.02	0.934
Depression symptoms composite	-0.22	(-0.26,-0.18)	0.02	2.22e-16***	-0.02	(-0.06,0.03)	0.02	0.427
Depression – feel hopeless	-0.21	(-0.26,-0.17)	0.02	2.22e-16***	0.01	(-0.04,0.06)	0.02	0.715
Depression – loss of interest	-0.16	(-0.20,-0.12)	0.02	4.41e-14***	-0.01	(-0.05,0.03)	0.02	0.652
Anxiety symptoms composite	-0.22	(-0.26,-0.18)	0.02	2.22e-16***	-0.01	(-0.05,0.03)	0.02	0.589
Anxiety – feel on edge	-0.21	(-0.25,-0.17)	0.02	2.22e-16***	-0.00	(-0.05,0.04)	0.02	0.926
Anxiety – cannot stop worrying	-0.17	(-0.21,-0.13)	0.02	2.22e-16***	0.04	(-0.00,0.08)	0.02	0.058
Suffering	-0.22	(-0.26,-0.19)	0.02	2.22e-16***	-0.03	(-0.07,0.01)	0.02	0.162
<i>Social Well-Being</i>								
Social support	0.26	(0.21,0.30)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	2.88e-03**
Intimate/close friend	0.15	(0.11,0.19)	0.02	1.68e-11***	0.03	(-0.01,0.07)	0.02	0.104
Government approval	0.10	(0.06,0.13)	0.02	5.28e-07***	0.01	(-0.03,0.04)	0.02	0.688
Say in government	0.09	(0.05,0.13)	0.02	8.54e-06***	0.01	(-0.02,0.04)	0.02	0.528
Belonging in country	0.22	(0.18,0.27)	0.02	2.22e-16***	0.04	(-0.00,0.08)	0.02	0.060
City/place satisfaction	0.18	(0.14,0.22)	0.02	2.22e-16***	0.06	(0.03,0.10)	0.02	4.08e-04***
Trust within country	0.13	(0.09,0.17)	0.02	8.61e-12***	0.03	(-0.00,0.06)	0.02	0.093
<i>Social Participation</i>								
Ever been married	0.13	(0.02,0.24)	0.05	0.017*	0.10	(0.01,0.18)	0.04	0.021*
Currently divorced	0.01	(-0.03,0.05)	0.02	0.655	0.00	(-0.03,0.03)	0.02	0.890
Number of children	-0.02	(-0.07,0.02)	0.02	0.307	-0.04	(-0.09,0.00)	0.02	0.075
Weekly+ community participation	0.10	(0.06,0.14)	0.02	6.78e-08***	0.03	(-0.00,0.07)	0.02	0.074
Weekly+ religious attendance	0.11	(0.07,0.15)	0.02	1.23e-07***	0.05	(0.02,0.09)	0.02	3.78e-03**
<i>Social Distress</i>								
Loneliness	-0.30	(-0.34,-0.26)	0.02	2.22e-16***	-0.08	(-0.12,-0.04)	0.02	6.12e-05***
Perceived discrimination	-0.07	(-0.12,-0.03)	0.02	4e-04***	-0.01	(-0.04,0.03)	0.02	0.777
<i>Character & Prosocial Behavior</i>								
Hope	0.26	(0.22,0.30)	0.02	2.22e-16***	0.08	(0.04,0.13)	0.02	4.11e-04***
Gratitude	0.27	(0.22,0.31)	0.02	2.22e-16***	0.08	(0.04,0.13)	0.02	2.78e-04***
Showing love/care	0.23	(0.19,0.27)	0.02	2.22e-16***	0.07	(0.02,0.12)	0.02	2.86e-03**
Forgivingness	0.10	(0.06,0.14)	0.02	3.31e-06***	0.03	(-0.01,0.07)	0.02	0.117
Charitable giving	0.04	(0.01,0.08)	0.02	0.021*	0.01	(-0.02,0.04)	0.02	0.524
Helping strangers	0.06	(0.02,0.10)	0.02	3.35e-03**	0.04	(0.00,0.08)	0.02	0.033*
Volunteering	0.05	(0.01,0.08)	0.02	0.010*	0.03	(-0.01,0.06)	0.02	0.104
<i>Physical Health & Health Behavior</i>								
Health problems	-0.09	(-0.13,-0.04)	0.02	1.11e-04***	-0.02	(-0.05,0.02)	0.02	0.377
Pain in past 4 weeks	-0.11	(-0.15,-0.08)	0.02	5.15e-09***	-0.01	(-0.04,0.03)	0.02	0.676
Daily smoker	-0.06	(-0.10,-0.02)	0.02	2.97e-03**	-0.04	(-0.07,-0.01)	0.02	0.023*
Number of drinks per week	0.01	(-0.03,0.05)	0.02	0.537	0.02	(-0.01,0.05)	0.02	0.182
Days exercise per week	0.12	(0.08,0.16)	0.02	1.67e-08***	0.03	(-0.01,0.06)	0.02	0.129
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.04	(-0.07,0.00)	0.02	0.053	-0.03	(-0.05,0.00)	0.01	0.082
Currently employed	0.05	(0.01,0.09)	0.02	0.012*	-0.00	(-0.04,0.03)	0.02	0.967
Financially comfortable/getting by	0.15	(0.11,0.19)	0.02	4.45e-12***	0.04	(-0.00,0.08)	0.02	0.054
Own home	0.04	(0.00,0.08)	0.02	0.028*	0.02	(-0.02,0.05)	0.02	0.298
Income – top quintile	-0.01	(-0.06,0.04)	0.02	0.672	-0.01	(-0.05,0.03)	0.02	0.514
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.10	(0.06,0.15)	0.02	9.47e-06***	0.02	(-0.02,0.06)	0.02	0.342
Belief in life after death	0.03	(-0.01,0.07)	0.02	0.182	0.01	(-0.03,0.04)	0.02	0.689
Transformative religious experience	0.07	(0.03,0.11)	0.02	8.09e-04**	0.03	(-0.00,0.06)	0.02	0.090
Religious reading or listening	0.06	(0.02,0.11)	0.02	1.95e-03**	0.03	(-0.01,0.06)	0.02	0.123
Prayer or meditation	0.04	(-0.01,0.08)	0.02	0.102	0.00	(-0.04,0.05)	0.02	0.971
Belief in God/gods/spiritual forces	0.04	(-0.01,0.09)	0.03	0.138	0.01	(-0.04,0.06)	0.03	0.606
Religious centrality	0.12	(0.07,0.16)	0.02	1e-07***	0.06	(0.02,0.10)	0.02	2.86e-03**
Religious/spiritual comfort	0.11	(0.06,0.16)	0.02	2.22e-06***	0.10	(0.06,0.15)	0.02	8.29e-06***
Feel loved by God	0.10	(0.05,0.14)	0.02	2.08e-05***	0.06	(0.02,0.10)	0.02	0.007*
Feel punished by God	-0.02	(-0.06,0.02)	0.02	0.409	0.00	(-0.04,0.04)	0.02	0.912
Experienced religious criticism	0.00	(-0.04,0.05)	0.02	0.906	0.01	(-0.02,0.05)	0.02	0.450
Faith-sharing	0.04	(-0.00,0.08)	0.02	0.054	-0.01	(-0.04,0.03)	0.02	0.626

Notes. N=4274; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S11i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Brazil

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.27	2.23	2.01	1.96	2.12	2.05	1.91	1.82
Flourishing index	2.19	2.15	1.89	1.84	2.04	1.97	1.81	1.73
Happiness & life satisfaction	1.82	1.80	1.48	1.45	1.75	1.70	1.47	1.41
Physical & mental health	1.84	1.81	1.46	1.42	1.77	1.72	1.46	1.40
Meaning & purpose	1.83	1.80	1.46	1.42	1.73	1.68	1.45	1.38
Character & virtue	1.59	1.55	1.29	1.25	1.53	1.45	1.26	1.17
Close social relationships	1.66	1.64	1.37	1.34	1.58	1.53	1.32	1.27
Financial & material security	1.37	1.35	1.25	1.23	1.32	1.29	1.23	1.19
Individual Flourishing Index Items								
Life satisfaction	1.72	1.69	1.40	1.37	1.65	1.61	1.40	1.34
Happiness	1.73	1.70	1.37	1.33	1.66	1.60	1.36	1.29
Self-rated physical health	1.64	1.61	1.33	1.29	1.57	1.52	1.33	1.27
Self-rated mental health	1.69	1.67	1.34	1.30	1.63	1.59	1.34	1.28
Understanding purpose	1.62	1.59	1.32	1.28	1.55	1.51	1.31	1.25
Meaningful activities	1.71	1.68	1.35	1.31	1.64	1.59	1.35	1.28
Orientation to promote good	1.57	1.53	1.30	1.25	1.51	1.44	1.27	1.18
Delayed gratification	1.39	1.36	1.19	1.14	1.35	1.29	1.15	1.05
Relationship contentment	1.60	1.57	1.29	1.26	1.52	1.47	1.24	1.17
Relationship satisfaction	1.59	1.56	1.32	1.28	1.53	1.48	1.30	1.24
Financial security	1.34	1.32	1.20	1.17	1.30	1.27	1.19	1.15
Material security	1.33	1.31	1.20	1.18	1.29	1.26	1.19	1.15
Psychological Well-Being								
Current life evaluation	1.61	1.58	1.29	1.25	1.55	1.50	1.29	1.22
Future life evaluation	1.51	1.46	1.23	1.18	1.47	1.40	1.20	1.10
Optimism	1.50	1.46	1.22	1.16	1.43	1.36	1.18	1.04
Freedom to pursue what's important	1.60	1.57	1.29	1.25	1.54	1.49	1.27	1.21
Inner peace	3.43	3.21	1.39	1.22	3.01	2.68	1.32	1.00
Life balance	3.67	3.46	1.58	1.44	3.22	2.93	1.51	1.26
Sense of mastery	3.22	2.98	1.42	1.24	2.82	2.49	1.33	1.00
Psychological Distress								
Traumatic distress	1.70	1.57	1.02	1.00	1.49	1.27	1.05	1.00
Depression symptoms composite	2.66	2.48	1.17	1.00	2.39	2.15	1.22	1.00
Depression – feel hopeless	2.77	2.58	1.12	1.00	2.44	2.15	1.15	1.00
Depression – loss of interest	2.22	2.07	1.11	1.00	2.03	1.80	1.16	1.00
Anxiety symptoms composite	2.61	2.46	1.18	1.00	2.35	2.11	1.17	1.00
Anxiety – feel on edge	2.60	2.45	1.07	1.00	2.33	2.08	1.07	1.00
Anxiety – cannot stop worrying	2.36	2.21	1.25	1.00	2.11	1.88	1.36	1.00
Suffering	2.56	2.42	1.18	1.00	2.39	2.18	1.29	1.00
Social Well-Being								
Social support	1.42	1.39	1.17	1.13	1.38	1.34	1.16	1.09
Intimate/close friend	2.26	2.04	1.38	1.16	2.18	1.88	1.37	1.00
Government approval	1.66	1.54	1.18	1.00	1.68	1.48	1.13	1.00
Say in government	1.65	1.51	1.21	1.00	1.70	1.46	1.18	1.00
Belonging in country	1.42	1.39	1.15	1.10	1.38	1.33	1.14	1.00
City/place satisfaction	2.30	2.15	1.47	1.35	2.17	1.93	1.51	1.30
Trust within country	1.93	1.81	1.29	1.15	1.87	1.66	1.30	1.00
Social Participation								
Ever been married	1.90	1.49	1.88	1.55	1.85	1.26	1.67	1.20
Currently divorced	1.34	1.00	1.08	1.00	1.21	1.00	1.10	1.00
Number of children	1.12	1.00	1.11	1.00	1.16	1.00	1.21	1.00
Weekly+ community participation	1.69	1.54	1.30	1.11	1.86	1.60	1.36	1.00
Weekly+ religious attendance	1.88	1.75	1.49	1.35	1.76	1.54	1.45	1.22
Social Distress								
Loneliness	1.44	1.42	1.20	1.17	1.38	1.35	1.17	1.11
Perceived discrimination	1.54	1.38	1.08	1.00	1.58	1.34	1.11	1.00
Character & Prosocial Behavior								
Hope	1.57	1.53	1.25	1.20	1.52	1.46	1.24	1.15
Gratitude	1.58	1.54	1.28	1.23	1.50	1.44	1.23	1.15
Showing love/care	1.46	1.42	1.22	1.17	1.43	1.38	1.20	1.11
Forgivingness	1.67	1.51	1.20	1.00	1.76	1.51	1.32	1.00
Charitable giving	1.46	1.31	1.20	1.00	1.39	1.13	1.16	1.00
Helping strangers	1.51	1.35	1.41	1.26	1.50	1.24	1.37	1.09
Volunteering	1.44	1.27	1.35	1.21	1.47	1.19	1.32	1.00
Physical Health & Health Behavior								
Health problems	1.98	1.80	1.33	1.13	1.73	1.44	1.24	1.00
Pain in past 4 weeks	2.00	1.86	1.18	1.00	1.78	1.57	1.13	1.00
Daily smoker	1.53	1.36	1.28	1.05	1.58	1.28	1.43	1.13
Number of drinks per week	1.04	1.00	1.03	1.00	1.05	1.00	1.06	1.00
Days exercise per week	1.30	1.27	1.15	1.10	1.26	1.20	1.11	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.22	1.00	1.33	1.15	1.40	1.00	1.32	1.00
Currently employed	1.46	1.31	1.17	1.00	1.43	1.17	1.04	1.00
Financially comfortable/getting by	2.29	2.14	1.39	1.26	1.97	1.74	1.35	1.00
Own home	1.40	1.25	1.14	1.00	1.39	1.11	1.22	1.00
Income – top quintile	1.10	1.00	1.27	1.00	1.18	1.00	1.21	1.00
Religion & Spirituality								
Religious/spiritual connection	1.92	1.74	1.27	1.00	1.82	1.53	1.27	1.00
Belief in life after death	1.34	1.17	1.08	1.00	1.28	1.00	1.13	1.00
Transformative religious experience	1.47	1.32	1.30	1.15	1.52	1.29	1.30	1.00
Religious reading or listening	1.60	1.45	1.36	1.21	1.51	1.26	1.29	1.00
Prayer or meditation	1.53	1.36	1.29	1.00	1.36	1.00	1.04	1.00
Belief in God/gods/spiritual forces	1.73	1.30	1.28	1.00	1.69	1.00	1.33	1.00
Religious centrality	1.74	1.59	1.39	1.23	1.82	1.58	1.50	1.25
Religious/spiritual comfort	1.87	1.71	1.67	1.51	1.88	1.58	1.83	1.53
Feel loved by God	1.88	1.67	1.46	1.25	1.92	1.57	1.64	1.27
Feel punished by God	1.21	1.00	1.15	1.00	1.26	1.00	1.08	1.00
Experienced religious criticism	1.25	1.00	1.08	1.00	1.09	1.00	1.23	1.00
Faith-sharing	1.20	1.00	1.31	1.16	1.37	1.00	1.14	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates.

E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S12a. Weighted summary statistics for demographic and childhood variables in China

Characteristic	Wave 1 N = 5,022	Wave 2 N = 4,575
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	2 (0.0%)	1 (0.0%)
1943-1953 (current age: 70-79 years)	145 (2.9%)	183 (4.0%)
1953-1963 (current age: 60-69 years)	968 (19.3%)	898 (19.6%)
1963-1973 (current age: 50-59 years)	843 (16.8%)	770 (16.8%)
1973-1983 (current age: 40-49 years)	1,019 (20.3%)	914 (20.0%)
1983-1993 (current age: 30-39 years)	899 (17.9%)	809 (17.7%)
1993-1998 (current age: 25-29 years)	610 (12.1%)	577 (12.6%)
1998-2005 (current age: 18-24 years)	536 (10.7%)	423 (9.2%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	44.8	45.5
Standard Deviation	15.4	15.4
Min, Max	18.0, 83.0	18.0, 84.0
<i>Gender, n (%)</i>		
Male	2,541 (50.6%)	2,316 (50.6%)
Female	2,481 (49.4%)	2,259 (49.4%)
Other	0 (0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,008 (20.1%)	909 (19.9%)
Married	3,551 (70.7%)	3,247 (71.0%)
Separated	44 (0.9%)	57 (1.2%)
Divorced	119 (2.4%)	108 (2.4%)
Widowed	159 (3.2%)	154 (3.4%)
Domestic partner	137 (2.7%)	91 (2.0%)
(Missing)	5 (0.1%)	10 (0.2%)
<i>Education (years), n (%)</i>		
Up to 8	3,231 (64.3%)	2,942 (64.3%)
9-15	1,317 (26.2%)	1,201 (26.2%)
16+	474 (9.4%)	432 (9.4%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,906 (38.0%)	1,814 (39.7%)
Self-employed	1,295 (25.8%)	1,154 (25.2%)
Retired	924 (18.4%)	803 (17.5%)
Student	191 (3.8%)	160 (3.5%)
Homemaker	295 (5.9%)	277 (6.1%)
Unemployed and looking for a job	166 (3.3%)	134 (2.9%)
None of these/Other	244 (4.9%)	225 (4.9%)
(Missing)	2 (0.0%)	7 (0.1%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	48 (1.0%)	55 (1.2%)
Once a week	187 (3.7%)	173 (3.8%)
One to three times a month	296 (5.9%)	267 (5.8%)
A few times a year	583 (11.6%)	531 (11.6%)
Never	3,902 (77.7%)	3,547 (77.5%)
(Missing)	6 (0.1%)	2 (0.0%)
<i>Immigration status, n (%)</i>		
Born in this country	5,006 (99.7%)	4,560 (99.7%)

Table S12a. Weighted summary statistics for demographic and childhood variables in China

Characteristic	Wave 1 N = 5,022	Wave 2 N = 4,575
Born in another country	11 (0.2%)	10 (0.2%)
(Missing)	5 (0.1%)	5 (0.1%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	4,662 (92.8%)	4,257 (93.1%)
Parents were divorced	125 (2.5%)	112 (2.4%)
Parents were never married	33 (0.7%)	29 (0.6%)
One or both of them had died	137 (2.7%)	126 (2.8%)
Unsure	64 (1.3%)	50 (1.1%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	85 (1.7%)	79 (1.7%)
One to three times a month	310 (6.2%)	291 (6.4%)
Less than once a month	624 (12.4%)	565 (12.3%)
Never	3,999 (79.6%)	3,639 (79.5%)
(Missing)	4 (0.1%)	2 (0.1%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	2,059 (41.0%)	1,900 (41.5%)
Somewhat good	2,342 (46.6%)	2,119 (46.3%)
Somewhat bad	194 (3.9%)	177 (3.9%)
Very bad	25 (0.5%)	24 (0.5%)
(Does not apply)	403 (8.0%)	355 (7.8%)
(Missing)	0 (0%)	0 (0%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,660 (33.0%)	1,520 (33.2%)
Somewhat good	2,335 (46.5%)	2,130 (46.6%)
Somewhat bad	435 (8.7%)	384 (8.4%)
Very bad	48 (1.0%)	45 (1.0%)
(Does not apply)	544 (10.8%)	495 (10.8%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	622 (12.4%)	554 (12.1%)
No	4,315 (85.9%)	3,947 (86.3%)
(Missing)	85 (1.7%)	73 (1.6%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	279 (5.6%)	248 (5.4%)
No	4,741 (94.4%)	4,324 (94.5%)
(Missing)	2 (0.0%)	2 (0.0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	731 (14.6%)	681 (14.9%)
Very good	1,939 (38.6%)	1,777 (38.8%)
Good	1,644 (32.7%)	1,491 (32.6%)
Fair	657 (13.1%)	587 (12.8%)
Poor	51 (1.0%)	40 (0.9%)
(Missing)	0 (0%)	0 (0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,376 (27.4%)	1,270 (27.8%)
Got by	2,696 (53.7%)	2,459 (53.8%)
Found it difficult	768 (15.3%)	679 (14.8%)
Found it very difficult	181 (3.6%)	165 (3.6%)
(Missing)	1 (0.0%)	1 (0.0%)

Table S12a. Weighted summary statistics for demographic and childhood variables in China

Characteristic	Wave 1 N = 5,022	Wave 2 N = 4,575
<i>Religious affiliation growing up, n (%)</i>		
Christianity	107 (2.1%)	102 (2.2%)
Taoism	103 (2.1%)	92 (2.0%)
Confucianism	11 (0.2%)	8 (0.2%)
Primal, Animist, or Folk religion	14 (0.3%)	13 (0.3%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	133 (2.7%)	130 (2.8%)
Islam	44 (0.9%)	15 (0.3%)
Hinduism	0 (0%)	0 (0%)
Buddhism	646 (12.9%)	609 (13.3%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	7 (0.1%)	6 (0.1%)
Some other religion	1 (0.0%)	1 (0.0%)
No religion/Atheist/Agnostic	3,934 (78.3%)	3,578 (78.2%)
(Missing)	22 (0.4%)	21 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S12b. Weighted summary statistics for exposure and outcome variables in China

Outcome	Wave 1 N = 5,022	Wave 2 N = 4,575
<i>Secure flourishing index</i>		
Mean	7.1	7.2
Standard Deviation	1.5	1.4
Min, Max	0.3, 10.0	0.4, 10.0
(Missing)	35 (0.7%)	10 (0.2%)
<i>Flourishing index</i>		
Mean	7.2	7.2
Standard Deviation	1.5	1.4
Min, Max	0.0, 10.0	0.2, 10.0
(Missing)	31 (0.6%)	8 (0.2%)
<i>Happiness & life satisfaction</i>		
Mean	7.0	7.0
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.4%)	5 (0.1%)
<i>Physical & mental health</i>		
Mean	7.4	7.5
Standard Deviation	1.7	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	1 (<0.1%)
<i>Meaning & purpose</i>		
Mean	7.2	7.3
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	0 (<0.1%)
<i>Character & virtue</i>		
Mean	7.0	7.1
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	1 (<0.1%)
<i>Close social relationships</i>		
Mean	7.2	7.3
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.2%)	1 (<0.1%)
<i>Financial & material security</i>		
Mean	6.9	7.0
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (<0.1%)	2 (<0.1%)
<i>Life satisfaction</i>		
Mean	7.0	7.0
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.3%)	5 (0.1%)
<i>Happiness</i>		
Mean	7.0	6.9
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (<0.1%)	0 (0%)
<i>Self-rated physical health</i>		

Table S12b. Weighted summary statistics for exposure and outcome variables in China

Outcome	Wave 1 N = 5,022	Wave 2 N = 4,575
Mean	7.2	7.3
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
<i>Self-rated mental health</i>		
Mean	7.5	7.6
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	0 (<0.1%)
<i>Understanding purpose</i>		
Mean	7.2	7.3
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	0 (0%)
<i>Meaningful activities</i>		
Mean	7.3	7.3
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (<0.1%)
<i>Orientation to promote good</i>		
Mean	7.2	7.3
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
<i>Delayed gratification</i>		
Mean	6.7	6.9
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	1 (<0.1%)
<i>Relationship contentment</i>		
Mean	7.2	7.3
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.2%)	1 (<0.1%)
<i>Relationship satisfaction</i>		
Mean	7.1	7.2
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	1 (<0.1%)
<i>Financial security</i>		
Mean	6.9	7.0
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
<i>Material security</i>		
Mean	7.0	7.1
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (<0.1%)	2 (<0.1%)
<i>Current life evaluation</i>		
Mean	6.3	6.4
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	3 (<0.1%)

Table S12b. Weighted summary statistics for exposure and outcome variables in China

Outcome	Wave 1 N = 5,022	Wave 2 N = 4,575
<i>Future life evaluation</i>		
Mean	7.4	7.4
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.3%)	1 (<0.1%)
<i>Optimism</i>		
Mean	7.6	7.7
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Freedom to pursue what's important</i>		
Mean	6.9	7.0
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	0 (0%)
<i>Inner peace, n (%)</i>		
Always	1,030 (20.5%)	970 (21.2%)
Often	3,357 (66.8%)	2,996 (65.5%)
Rarely	604 (12.0%)	573 (12.5%)
Never	27 (0.5%)	36 (0.8%)
(Missing)	5 (0.1%)	1 (0.0%)
<i>Life balance, n (%)</i>		
Always	1,044 (20.8%)	936 (20.5%)
Often	3,229 (64.3%)	2,875 (62.8%)
Rarely	713 (14.2%)	717 (15.7%)
Never	34 (0.7%)	45 (1.0%)
(Missing)	2 (0.0%)	2 (0.0%)
<i>Sense of mastery, n (%)</i>		
Always	1,040 (20.7%)	970 (21.2%)
Often	3,349 (66.7%)	2,992 (65.4%)
Rarely	589 (11.7%)	544 (11.9%)
Never	42 (0.8%)	61 (1.3%)
(Missing)	3 (0.1%)	8 (0.2%)
<i>Traumatic distress, n (%)</i>		
A lot	203 (4.1%)	111 (2.4%)
Some	984 (19.6%)	860 (18.8%)
Not very much	1,993 (39.7%)	1,954 (42.7%)
Not at all	1,841 (36.7%)	1,650 (36.1%)
(Missing)	1 (0.0%)	0 (0%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,520 (30.3%)	1,146 (25.1%)
	9 (0.2%)	4 (<0.1%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	121 (2.4%)	81 (1.8%)
More than half the days	579 (11.5%)	421 (9.2%)
Several days	2,324 (46.3%)	2,234 (48.8%)
Not at all	1,998 (39.8%)	1,834 (40.1%)
(Missing)	0 (<0.0%)	4 (0.1%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	288 (5.7%)	173 (3.8%)
More than half the days	1,267 (25.2%)	991 (21.7%)
Several days	2,031 (40.4%)	2,045 (44.7%)
Not at all	1,428 (28.4%)	1,367 (29.9%)

Table S12b. Weighted summary statistics for exposure and outcome variables in China

Outcome	Wave 1 N = 5,022	Wave 2 N = 4,575
(Missing)	9 (0.2%)	0 (0%)
<i>Anxiety symptoms composite, n (%)</i>	911 (18.2%)	704 (15.4%)
(Missing)	2 (<0.1%)	5 (0.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	177 (3.5%)	101 (2.2%)
More than half the days	570 (11.3%)	454 (9.9%)
Several days	2,335 (46.5%)	2,318 (50.7%)
Not at all	1,940 (38.6%)	1,698 (37.1%)
(Missing)	0 (<0.0%)	4 (0.1%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	211 (4.2%)	107 (2.3%)
More than half the days	526 (10.5%)	452 (9.9%)
Several days	1,595 (31.8%)	1,573 (34.4%)
Not at all	2,688 (53.5%)	2,441 (53.4%)
(Missing)	2 (0.0%)	1 (0.0%)
<i>Suffering, n (%)</i>		
A lot	111 (2.2%)	75 (1.6%)
Some	1,576 (31.4%)	1,390 (30.4%)
Not very much	2,394 (47.7%)	2,454 (53.6%)
Not at all	941 (18.7%)	656 (14.3%)
(Missing)	0 (0%)	0 (0%)
<i>Social support</i>		
Mean	6.6	6.6
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (<0.1%)	0 (0%)
<i>Intimate/close friend, n (%)</i>		
Yes	4,523 (90.1%)	4,105 (89.7%)
No	498 (9.9%)	470 (10.3%)
(Missing)	1 (0.0%)	0 (0%)
<i>Government approval, n (%)</i>		
Strongly approve	0 (0%)	0 (0%)
Somewhat approve	0 (0%)	0 (0%)
Neither approve nor disapprove	0 (0%)	0 (0%)
Somewhat disapprove	0 (0%)	0 (0%)
Strongly disapprove	0 (0%)	0 (0%)
(Missing)	5,022 (100.0%)	4,575 (100.0%)
<i>Say in government, n (%)</i>		
Agree	0 (0%)	0 (0%)
Disagree	0 (0%)	0 (0%)
Unsure	0 (0%)	0 (0%)
(Missing)	5,022 (100.0%)	4,575 (100.0%)
<i>Belonging in country</i>		
Mean	NA	NA
Standard Deviation	NA	NA
Min, Max	NA, NA	NA, NA
(Missing)	5,022 (100%)	4,575 (100%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	4,320 (86.0%)	3,910 (85.5%)
Dissatisfied	445 (8.9%)	359 (7.9%)
Unsure	250 (5.0%)	304 (6.7%)

Table S12b. Weighted summary statistics for exposure and outcome variables in China

Outcome	Wave 1 N = 5,022	Wave 2 N = 4,575
(Missing)	7 (0.1%)	1 (0.0%)
<i>Trust within country, n (%)</i>		
All people	190 (3.8%)	125 (2.7%)
Most people	2,979 (59.3%)	2,649 (57.9%)
Some people	1,252 (24.9%)	1,248 (27.3%)
Not very many people	554 (11.0%)	520 (11.4%)
None	46 (0.9%)	29 (0.6%)
(Missing)	1 (0.0%)	3 (0.1%)
<i>Number of children</i>		
Mean	0.7	0.7
Standard Deviation	0.8	0.8
Min, Max	0.0, 5.0	0.0, 5.0
(Missing)	19 (0.4%)	3 (<0.1%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	245 (4.9%)	147 (3.2%)
Once a week	503 (10.0%)	458 (10.0%)
One to three times a month	940 (18.7%)	885 (19.3%)
A few times a year	1,525 (30.4%)	1,428 (31.2%)
Never	1,808 (36.0%)	1,656 (36.2%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	48 (1.0%)	55 (1.2%)
Once a week	187 (3.7%)	173 (3.8%)
One to three times a month	296 (5.9%)	267 (5.8%)
A few times a year	583 (11.6%)	531 (11.6%)
Never	3,902 (77.7%)	3,547 (77.5%)
(Missing)	6 (0.1%)	2 (0.0%)
<i>Loneliness</i>		
Mean	3.3	3.3
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
<i>Perceived discrimination, n (%)</i>		
Always	230 (4.6%)	145 (3.2%)
Often	610 (12.2%)	495 (10.8%)
Rarely	1,930 (38.4%)	2,028 (44.3%)
Never	2,246 (44.7%)	1,906 (41.7%)
(Missing)	6 (0.1%)	0 (0%)
<i>Hope</i>		
Mean	7.5	7.5
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
<i>Gratitude</i>		
Mean	7.3	7.3
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	0 (0%)
<i>Showing love/care</i>		
Mean	7.4	7.4
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Forgivingness, n (%)</i>		

Table S12b. Weighted summary statistics for exposure and outcome variables in China

Outcome	Wave 1 N = 5,022	Wave 2 N = 4,575
Always	668 (13.3%)	459 (10.0%)
Often	2,094 (41.7%)	1,836 (40.1%)
Rarely	1,927 (38.4%)	1,918 (41.9%)
Never	330 (6.6%)	362 (7.9%)
(Missing)	2 (0.0%)	0 (0%)
<i>Charitable giving, n (%)</i>		
Yes	1,779 (35.4%)	1,565 (34.2%)
No	3,235 (64.4%)	3,010 (65.8%)
(Missing)	9 (0.2%)	0 (0%)
<i>Helping strangers, n (%)</i>		
Yes	3,498 (69.7%)	2,945 (64.4%)
No	1,519 (30.2%)	1,630 (35.6%)
(Missing)	5 (0.1%)	0 (0%)
<i>Volunteering, n (%)</i>		
Yes	1,702 (33.9%)	1,381 (30.2%)
No	3,313 (66.0%)	3,194 (69.8%)
(Missing)	7 (0.1%)	0 (0%)
<i>Health problems, n (%)</i>		
Yes	750 (14.9%)	719 (15.7%)
No	4,269 (85.0%)	3,853 (84.2%)
(Missing)	3 (0.1%)	3 (0.1%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	197 (3.9%)	101 (2.2%)
Some	1,254 (25.0%)	1,106 (24.2%)
Not very much	2,294 (45.7%)	2,239 (48.9%)
None at all	1,277 (25.4%)	1,129 (24.7%)
(Missing)	0 (0%)	1 (0.0%)
<i>Number of drinks per week</i>		
Mean	1.5	1.3
Standard Deviation	3.7	2.3
Min, Max	0.0, 97.0	0.0, 31.0
(Missing)	50 (1.0%)	20 (0.4%)
<i>Days exercise per week</i>		
Mean	2.7	2.7
Standard Deviation	2.1	1.9
Min, Max	0.0, 7.0	0.0, 7.0
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	3,231 (64.3%)	2,942 (64.3%)
9-15	1,317 (26.2%)	1,201 (26.2%)
16+	474 (9.4%)	432 (9.4%)
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,906 (38.0%)	1,814 (39.7%)
Self-employed	1,295 (25.8%)	1,154 (25.2%)
Retired	924 (18.4%)	803 (17.5%)
Student	191 (3.8%)	160 (3.5%)
Homemaker	295 (5.9%)	277 (6.1%)
Unemployed and looking for a job	166 (3.3%)	134 (2.9%)
None of these/Other	244 (4.9%)	225 (4.9%)
(Missing)	2 (0.0%)	7 (0.1%)
<i>Financially comfortable/getting by, n (%)</i>		

Table S12b. Weighted summary statistics for exposure and outcome variables in China

Outcome	Wave 1 N = 5,022	Wave 2 N = 4,575
Living comfortably on present income	851 (16.9%)	1,012 (22.1%)
Getting by on present income	3,146 (62.7%)	2,681 (58.6%)
Finding it difficult on present income	869 (17.3%)	767 (16.8%)
Finding it very difficult on present income	153 (3.1%)	109 (2.4%)
(Missing)	3 (0.1%)	6 (0.1%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	4,107 (81.8%)	3,786 (82.8%)
Someone in this household rents this home	689 (13.7%)	611 (13.3%)
Both	107 (2.1%)	104 (2.3%)
Neither	114 (2.3%)	72 (1.6%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	5 (0.1%)	3 (0.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	332 (6.6%)	263 (5.7%)
Often	822 (16.4%)	768 (16.8%)
Rarely	1,452 (28.9%)	1,515 (33.1%)
Never	2,411 (48.0%)	2,028 (44.3%)
(Missing)	5 (0.1%)	2 (0.0%)
<i>Belief in life after death, n (%)</i>		
Yes	1,187 (23.6%)	1,053 (23.0%)
No	2,106 (41.9%)	1,907 (41.7%)
Unsure	1,718 (34.2%)	1,614 (35.3%)
(Missing)	11 (0.2%)	1 (0.0%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,127 (22.4%)	1,007 (22.0%)
No	3,885 (77.4%)	3,568 (78.0%)
(Missing)	10 (0.2%)	0 (0%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	73 (1.5%)	57 (1.3%)
About once a day	228 (4.5%)	224 (4.9%)
Sometimes	1,012 (20.2%)	911 (19.9%)
Never	3,697 (73.6%)	3,382 (73.9%)
(Missing)	11 (0.2%)	1 (0.0%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	119 (2.4%)	97 (2.1%)
About once a day	356 (7.1%)	297 (6.5%)
Sometimes	1,605 (32.0%)	1,550 (33.9%)
Never	2,938 (58.5%)	2,629 (57.5%)
(Missing)	4 (0.1%)	1 (0.0%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	171 (3.4%)	176 (3.8%)
More than one god	468 (9.3%)	426 (9.3%)
An impersonal spiritual force	1,042 (20.7%)	919 (20.1%)
None of these	2,525 (50.3%)	2,309 (50.5%)
Unsure	814 (16.2%)	742 (16.2%)
(Missing)	2 (0.0%)	2 (0.0%)
<i>Religious centrality, n (%)</i>		
Agree	658 (13.1%)	629 (13.8%)
Disagree	1,245 (24.8%)	933 (20.4%)

Table S12b. Weighted summary statistics for exposure and outcome variables in China

Outcome	Wave 1 N = 5,022	Wave 2 N = 4,575
Not relevant	2,352 (46.8%)	2,288 (50.0%)
Unsure	759 (15.1%)	723 (15.8%)
(Missing)	8 (0.2%)	2 (0.0%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	778 (15.5%)	722 (15.8%)
Disagree	1,269 (25.3%)	1,033 (22.6%)
Not relevant	2,211 (44.0%)	2,177 (47.6%)
Unsure	753 (15.0%)	640 (14.0%)
(Missing)	10 (0.2%)	2 (0.0%)
<i>Feel loved by God, n (%)</i>		
Agree	673 (13.4%)	639 (14.0%)
Disagree	1,350 (26.9%)	1,092 (23.9%)
Not relevant	2,184 (43.5%)	2,161 (47.2%)
Unsure	804 (16.0%)	677 (14.8%)
(Missing)	11 (0.2%)	6 (0.1%)
<i>Feel punished by God, n (%)</i>		
Agree	390 (7.8%)	371 (8.1%)
Disagree	1,774 (35.3%)	1,441 (31.5%)
Not relevant	2,122 (42.3%)	2,121 (46.4%)
Unsure	727 (14.5%)	640 (14.0%)
(Missing)	9 (0.2%)	2 (0.0%)
<i>Experienced religious criticism, n (%)</i>		
Agree	227 (4.5%)	234 (5.1%)
Disagree	1,803 (35.9%)	1,518 (33.2%)
Not relevant	2,388 (47.5%)	2,256 (49.3%)
Unsure	597 (11.9%)	564 (12.3%)
(Missing)	8 (0.2%)	3 (0.1%)
<i>Faith-sharing, n (%)</i>		
Agree	590 (11.8%)	574 (12.5%)
Disagree	1,460 (29.1%)	1,197 (26.2%)
Not relevant	2,282 (45.4%)	2,205 (48.2%)
Unsure	680 (13.5%)	598 (13.1%)
(Missing)	10 (0.2%)	2 (0.0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S12c. Unweighted summary statistics for demographic and childhood variables in China by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 456	Retained-Observed in Wave 2 N = 4,658
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	0 (0%)	2 (0.0%)
1943-1953 (current age: 70-79 years)	11 (2.5%)	136 (2.9%)
1953-1963 (current age: 60-69 years)	108 (23.7%)	877 (18.8%)
1963-1973 (current age: 50-59 years)	73 (16.0%)	786 (16.9%)
1973-1983 (current age: 40-49 years)	90 (19.8%)	948 (20.3%)
1983-1993 (current age: 30-39 years)	71 (15.5%)	845 (18.2%)
1993-1998 (current age: 25-29 years)	51 (11.3%)	570 (12.2%)
1998-2005 (current age: 18-24 years)	51 (11.2%)	495 (10.6%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	45.8	44.7
Standard Deviation	15.7	15.3
Min, Max	18.0, 74.0	18.0, 83.0
<i>Gender, n (%)</i>		
Male	256 (56.1%)	2,330 (50.0%)
Female	200 (43.9%)	2,328 (50.0%)
Other	0 (0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	89 (19.5%)	938 (20.1%)
Married	320 (70.1%)	3,296 (70.8%)
Separated	12 (2.6%)	32 (0.7%)
Divorced	15 (3.3%)	106 (2.3%)
Widowed	15 (3.3%)	147 (3.2%)
Domestic partner	4 (0.9%)	135 (2.9%)
(Missing)	1 (0.3%)	3 (0.1%)
<i>Education (years), n (%)</i>		
Up to 8	289 (63.3%)	3,002 (64.5%)
9-15	127 (27.7%)	1,214 (26.1%)
16+	41 (9.0%)	442 (9.5%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	150 (32.8%)	1,793 (38.5%)
Self-employed	128 (28.0%)	1,191 (25.6%)
Retired	92 (20.1%)	849 (18.2%)
Student	15 (3.3%)	179 (3.9%)
Homemaker	31 (6.7%)	269 (5.8%)
Unemployed and looking for a job	19 (4.1%)	150 (3.2%)
None of these/Other	21 (4.7%)	227 (4.9%)
(Missing)	1 (0.3%)	0 (0%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	1 (0.3%)	48 (1.0%)
Once a week	15 (3.4%)	175 (3.8%)
One to three times a month	29 (6.3%)	273 (5.9%)
A few times a year	47 (10.3%)	547 (11.7%)
Never	363 (79.4%)	3,610 (77.5%)
(Missing)	1 (0.3%)	4 (0.1%)
<i>Immigration status, n (%)</i>		

Table S12c. Unweighted summary statistics for demographic and childhood variables in China by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 456	Retained-Observed in Wave 2 N = 4,658
Born in this country	454 (99.5%)	4,644 (99.7%)
Born in another country	2 (0.5%)	9 (0.2%)
(Missing)	0 (0%)	5 (0.1%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	411 (90.1%)	4,337 (93.1%)
Parents were divorced	13 (2.8%)	115 (2.5%)
Parents were never married	5 (1.1%)	28 (0.6%)
One or both of them had died	12 (2.7%)	128 (2.7%)
Unsure	15 (3.3%)	49 (1.1%)
(Missing)	0 (0%)	1 (0.0%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	5 (1.1%)	82 (1.8%)
One to three times a month	20 (4.4%)	296 (6.4%)
Less than once a month	57 (12.6%)	578 (12.4%)
Never	373 (81.6%)	3,700 (79.4%)
(Missing)	1 (0.3%)	2 (0.1%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	173 (37.9%)	1,924 (41.3%)
Somewhat good	217 (47.6%)	2,167 (46.5%)
Somewhat bad	16 (3.5%)	182 (3.9%)
Very bad	1 (0.1%)	25 (0.5%)
(Does not apply)	50 (10.9%)	359 (7.7%)
(Missing)	0 (0%)	0 (0%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	153 (33.4%)	1,537 (33.0%)
Somewhat good	200 (43.9%)	2,178 (46.8%)
Somewhat bad	49 (10.7%)	393 (8.4%)
Very bad	2 (0.5%)	46 (1.0%)
(Does not apply)	52 (11.4%)	502 (10.8%)
(Missing)	0 (0%)	1 (0.0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	74 (16.3%)	558 (12.0%)
No	369 (80.9%)	4,026 (86.4%)
(Missing)	13 (2.8%)	74 (1.6%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	36 (7.9%)	248 (5.3%)
No	420 (92.1%)	4,408 (94.6%)
(Missing)	0 (0%)	2 (0.0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	60 (13.0%)	686 (14.7%)
Very good	166 (36.4%)	1,809 (38.8%)
Good	152 (33.3%)	1,522 (32.7%)
Fair	68 (14.9%)	600 (12.9%)
Poor	11 (2.3%)	41 (0.9%)
(Missing)	0 (0%)	0 (0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	114 (25.0%)	1,288 (27.7%)

Table S12c. Unweighted summary statistics for demographic and childhood variables in China by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 456	Retained-Observed in Wave 2 N = 4,658
Got by	234 (51.4%)	2,512 (53.9%)
Found it difficult	89 (19.5%)	691 (14.8%)
Found it very difficult	19 (4.2%)	165 (3.5%)
(Missing)	0 (0%)	1 (0.0%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	4 (0.8%)	105 (2.3%)
Taoism	10 (2.3%)	95 (2.0%)
Confucianism	3 (0.6%)	8 (0.2%)
Primal, Animist, or Folk religion	2 (0.4%)	13 (0.3%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	6 (1.2%)	130 (2.8%)
Islam	29 (6.3%)	15 (0.3%)
Hinduism	0 (0%)	0 (0%)
Buddhism	34 (7.4%)	626 (13.4%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	1 (0.2%)	6 (0.1%)
Some other religion	0 (0%)	1 (0.0%)
No religion/Atheist/Agnostic	368 (80.7%)	3,637 (78.1%)
(Missing)	1 (0.3%)	21 (0.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S12d. Unweighted summary statistics for Wave 1 outcome variables in China by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2 N = 456	Wave 2 N = 4,658
<i>Secure flourishing index</i>		
Mean	7.2	7.1
Standard Deviation	1.4	1.5
Min, Max	2.2, 10.0	0.3, 10.0
(Missing)	0 (0%)	36 (0.8%)
<i>Flourishing index</i>		
Mean	7.3	7.1
Standard Deviation	1.4	1.5
Min, Max	2.6, 10.0	0.0, 10.0
(Missing)	0 (0%)	32 (0.7%)
<i>Happiness & life satisfaction</i>		
Mean	7.2	7.0
Standard Deviation	1.6	1.7
Min, Max	2.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	19 (0.4%)
<i>Physical & mental health</i>		
Mean	7.5	7.4
Standard Deviation	1.6	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	3 (<0.1%)
<i>Meaning & purpose</i>		
Mean	7.4	7.2
Standard Deviation	1.6	1.7
Min, Max	1.5, 10.0	0.0, 10.0
(Missing)	0 (0%)	3 (<0.1%)
<i>Character & virtue</i>		
Mean	7.2	7.0
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	2 (<0.1%)
<i>Close social relationships</i>		
Mean	7.4	7.1
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	12 (0.3%)
<i>Financial & material security</i>		
Mean	6.9	6.9
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	4 (<0.1%)
<i>Life satisfaction</i>		
Mean	7.3	7.0
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	15 (0.3%)
<i>Happiness</i>		
Mean	7.2	7.0
Standard Deviation	1.7	1.7
Min, Max	1.0, 10.0	0.0, 10.0

Table S12d. Unweighted summary statistics for Wave 1 outcome variables in China by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 456	N = 4,658
(Missing)	0 (0%)	4 (<0.1%)
<i>Self-rated physical health</i>		
Mean	7.3	7.2
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Self-rated mental health</i>		
Mean	7.7	7.5
Standard Deviation	1.7	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	3 (<0.1%)
<i>Understanding purpose</i>		
Mean	7.3	7.2
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	2 (<0.1%)
<i>Meaningful activities</i>		
Mean	7.5	7.3
Standard Deviation	1.7	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	1 (<0.1%)
<i>Orientation to promote good</i>		
Mean	7.4	7.2
Standard Deviation	1.7	1.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Delayed gratification</i>		
Mean	7.0	6.7
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	2 (<0.1%)
<i>Relationship contentment</i>		
Mean	7.5	7.2
Standard Deviation	1.8	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	10 (0.2%)
<i>Relationship satisfaction</i>		
Mean	7.3	7.1
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	3 (<0.1%)
<i>Financial security</i>		
Mean	6.8	6.9
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
<i>Material security</i>		
Mean	6.9	7.0
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	4 (<0.1%)
<i>Current life evaluation</i>		

Table S12d. Unweighted summary statistics for Wave 1 outcome variables in China by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 456	Wave 2 N = 4,658
Mean	6.6	6.3
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
<i>Future life evaluation</i>		
Mean	7.5	7.3
Standard Deviation	1.6	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	15 (0.3%)
<i>Optimism</i>		
Mean	7.7	7.6
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
<i>Freedom to pursue what's important</i>		
Mean	7.0	6.9
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	2 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	91 (19.9%)	958 (20.6%)
Often	310 (67.8%)	3,108 (66.7%)
Rarely	55 (11.9%)	560 (12.0%)
Never	1 (0.3%)	26 (0.6%)
(Missing)	0 (0%)	5 (0.1%)
<i>Life balance, n (%)</i>		
Always	102 (22.4%)	960 (20.6%)
Often	271 (59.3%)	3,019 (64.8%)
Rarely	75 (16.4%)	650 (14.0%)
Never	8 (1.8%)	26 (0.6%)
(Missing)	1 (0.1%)	1 (0.0%)
<i>Sense of mastery, n (%)</i>		
Always	95 (20.9%)	963 (20.7%)
Often	309 (67.6%)	3,101 (66.6%)
Rarely	50 (11.0%)	549 (11.8%)
Never	2 (0.4%)	41 (0.9%)
(Missing)	0 (0%)	3 (0.1%)
<i>Traumatic distress, n (%)</i>		
A lot	32 (6.9%)	175 (3.8%)
Some	106 (23.2%)	895 (19.2%)
Not very much	177 (38.7%)	1,853 (39.8%)
Not at all	142 (31.2%)	1,734 (37.2%)
(Missing)	0 (0%)	1 (0.0%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	159 (35.1%)	1,387 (29.8%)
	2 (0.5%)	7 (0.1%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	21 (4.6%)	101 (2.2%)
More than half the days	49 (10.8%)	540 (11.6%)
Several days	210 (45.9%)	2,157 (46.3%)
Not at all	176 (38.7%)	1,858 (39.9%)
(Missing)	0 (0%)	1 (0.0%)

Table S12d. Unweighted summary statistics for Wave 1 outcome variables in China by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 456	Wave 2 N = 4,658
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	35 (7.8%)	257 (5.5%)
More than half the days	132 (28.9%)	1,158 (24.9%)
Several days	169 (37.0%)	1,900 (40.8%)
Not at all	118 (25.8%)	1,337 (28.7%)
(Missing)	2 (0.5%)	7 (0.1%)
<i>Anxiety symptoms composite, n (%)</i>	114 (25.0%)	812 (17.4%)
(Missing)	0 (0%)	2 (<0.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	29 (6.3%)	151 (3.2%)
More than half the days	60 (13.2%)	519 (11.2%)
Several days	198 (43.3%)	2,181 (46.8%)
Not at all	170 (37.3%)	1,806 (38.8%)
(Missing)	0 (0%)	1 (0.0%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	22 (4.9%)	193 (4.1%)
More than half the days	70 (15.3%)	465 (10.0%)
Several days	136 (29.7%)	1,489 (32.0%)
Not at all	229 (50.2%)	2,509 (53.9%)
(Missing)	0 (0%)	2 (0.0%)
<i>Suffering, n (%)</i>		
A lot	13 (2.8%)	100 (2.1%)
Some	158 (34.7%)	1,446 (31.0%)
Not very much	220 (48.3%)	2,217 (47.6%)
Not at all	65 (14.2%)	895 (19.2%)
(Missing)	0 (0%)	0 (0%)
<i>Social support</i>		
Mean	6.7	6.6
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	4 (<0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	405 (88.7%)	4,201 (90.2%)
No	52 (11.3%)	455 (9.8%)
(Missing)	0 (0%)	1 (0.0%)
<i>Government approval, n (%)</i>		
Strongly approve	0 (0%)	0 (0%)
Somewhat approve	0 (0%)	0 (0%)
Neither approve nor disapprove	0 (0%)	0 (0%)
Somewhat disapprove	0 (0%)	0 (0%)
Strongly disapprove	0 (0%)	0 (0%)
(Missing)	456 (100.0%)	4,658 (100.0%)
<i>Say in government, n (%)</i>		
Agree	0 (0%)	0 (0%)
Disagree	0 (0%)	0 (0%)
Unsure	0 (0%)	0 (0%)
(Missing)	456 (100.0%)	4,658 (100.0%)
<i>Belonging in country</i>		
Mean	NA	NA

Table S12d. Unweighted summary statistics for Wave 1 outcome variables in China by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 456	Wave 2 N = 4,658
Standard Deviation	NA	NA
Min, Max	NA, NA	NA, NA
(Missing)	456 (100%)	4,658 (100%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	370 (81.1%)	4,030 (86.5%)
Dissatisfied	68 (14.9%)	383 (8.2%)
Unsure	18 (3.9%)	237 (5.1%)
(Missing)	0 (0%)	7 (0.2%)
<i>Trust within country, n (%)</i>		
All people	19 (4.1%)	175 (3.8%)
Most people	272 (59.6%)	2,762 (59.3%)
Some people	110 (24.1%)	1,165 (25.0%)
Not very many people	51 (11.3%)	513 (11.0%)
None	5 (1.0%)	42 (0.9%)
(Missing)	0 (0%)	1 (0.0%)
<i>Number of children</i>		
Mean	0.8	0.7
Standard Deviation	0.9	0.8
Min, Max	0.0, 5.0	0.0, 5.0
(Missing)	2 (0.5%)	17 (0.4%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	31 (6.9%)	218 (4.7%)
Once a week	44 (9.7%)	468 (10.0%)
One to three times a month	87 (19.0%)	870 (18.7%)
A few times a year	141 (30.9%)	1,412 (30.3%)
Never	153 (33.5%)	1,689 (36.3%)
(Missing)	0 (0%)	1 (0.0%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	1 (0.3%)	48 (1.0%)
Once a week	15 (3.4%)	175 (3.8%)
One to three times a month	29 (6.3%)	273 (5.9%)
A few times a year	47 (10.3%)	547 (11.7%)
Never	363 (79.4%)	3,610 (77.5%)
(Missing)	1 (0.3%)	4 (0.1%)
<i>Loneliness</i>		
Mean	3.3	3.3
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
<i>Perceived discrimination, n (%)</i>		
Always	48 (10.5%)	184 (4.0%)
Often	61 (13.5%)	560 (12.0%)
Rarely	162 (35.4%)	1,805 (38.7%)
Never	184 (40.4%)	2,104 (45.2%)
(Missing)	1 (0.3%)	5 (0.1%)
<i>Hope</i>		
Mean	7.5	7.4
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
<i>Gratitude</i>		

Table S12d. Unweighted summary statistics for Wave 1 outcome variables in China by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 456	Wave 2 N = 4,658
Mean	7.4	7.2
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	3 (<0.1%)
<i>Showing love/care</i>		
Mean	7.5	7.3
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Forgivingness, n (%)</i>		
Always	69 (15.0%)	612 (13.1%)
Often	193 (42.4%)	1,938 (41.6%)
Rarely	164 (36.0%)	1,799 (38.6%)
Never	30 (6.6%)	306 (6.6%)
(Missing)	0 (0%)	2 (0.0%)
<i>Charitable giving, n (%)</i>		
Yes	171 (37.5%)	1,640 (35.2%)
No	284 (62.3%)	3,010 (64.6%)
(Missing)	1 (0.2%)	8 (0.2%)
<i>Helping strangers, n (%)</i>		
Yes	305 (66.8%)	3,259 (70.0%)
No	151 (33.0%)	1,396 (30.0%)
(Missing)	1 (0.2%)	4 (0.1%)
<i>Volunteering, n (%)</i>		
Yes	170 (37.2%)	1,562 (33.5%)
No	286 (62.6%)	3,089 (66.3%)
(Missing)	1 (0.2%)	6 (0.1%)
<i>Health problems, n (%)</i>		
Yes	117 (25.5%)	644 (13.8%)
No	339 (74.2%)	4,012 (86.1%)
(Missing)	1 (0.2%)	2 (0.0%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	24 (5.3%)	176 (3.8%)
Some	147 (32.2%)	1,128 (24.2%)
Not very much	199 (43.6%)	2,138 (45.9%)
None at all	87 (19.0%)	1,216 (26.1%)
(Missing)	0 (0%)	0 (0%)
<i>Number of drinks per week</i>		
Mean	1.8	1.4
Standard Deviation	5.3	3.5
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	6 (1.2%)	45 (1.0%)
<i>Days exercise per week</i>		
Mean	2.8	2.7
Standard Deviation	2.0	2.1
Min, Max	0.0, 7.0	0.0, 7.0
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	289 (63.3%)	3,002 (64.5%)
9-15	127 (27.7%)	1,214 (26.1%)
16+	41 (9.0%)	442 (9.5%)

Table S12d. Unweighted summary statistics for Wave 1 outcome variables in China by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 456	N = 4,658
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	150 (32.8%)	1,793 (38.5%)
Self-employed	128 (28.0%)	1,191 (25.6%)
Retired	92 (20.1%)	849 (18.2%)
Student	15 (3.3%)	179 (3.9%)
Homemaker	31 (6.7%)	269 (5.8%)
Unemployed and looking for a job	19 (4.1%)	150 (3.2%)
None of these/Other	21 (4.7%)	227 (4.9%)
(Missing)	1 (0.3%)	0 (0%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	84 (18.3%)	782 (16.8%)
Getting by on present income	261 (57.1%)	2,945 (63.2%)
Finding it difficult on present income	88 (19.2%)	796 (17.1%)
Finding it very difficult on present income	23 (5.1%)	132 (2.8%)
(Missing)	1 (0.2%)	2 (0.0%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	356 (78.1%)	3,827 (82.2%)
Someone in this household rents this home	72 (15.7%)	629 (13.5%)
Both	11 (2.3%)	98 (2.1%)
Neither	17 (3.7%)	99 (2.1%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	1 (0.2%)	4 (0.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	43 (9.4%)	294 (6.3%)
Often	85 (18.7%)	751 (16.1%)
Rarely	105 (23.0%)	1,375 (29.5%)
Never	222 (48.7%)	2,233 (47.9%)
(Missing)	1 (0.3%)	4 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	93 (20.3%)	1,117 (24.0%)
No	204 (44.6%)	1,940 (41.7%)
Unsure	159 (34.8%)	1,591 (34.1%)
(Missing)	1 (0.3%)	10 (0.2%)
<i>Transformative religious experience, n (%)</i>		
Yes	103 (22.6%)	1,044 (22.4%)
No	351 (76.9%)	3,605 (77.4%)
(Missing)	2 (0.5%)	8 (0.2%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	7 (1.5%)	67 (1.4%)
About once a day	22 (4.8%)	210 (4.5%)
Sometimes	94 (20.7%)	937 (20.1%)
Never	330 (72.4%)	3,435 (73.8%)
(Missing)	3 (0.7%)	8 (0.2%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	18 (3.9%)	103 (2.2%)
About once a day	42 (9.2%)	320 (6.9%)

Table S12d. Unweighted summary statistics for Wave 1 outcome variables in China by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 456	N = 4,658
Sometimes	123 (27.0%)	1,513 (32.5%)
Never	272 (59.6%)	2,719 (58.4%)
(Missing)	1 (0.3%)	3 (0.1%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	14 (3.1%)	160 (3.4%)
More than one god	38 (8.3%)	439 (9.4%)
An impersonal spiritual force	93 (20.3%)	968 (20.8%)
None of these	249 (54.6%)	2,321 (49.8%)
Unsure	63 (13.7%)	768 (16.5%)
(Missing)	0 (0%)	2 (0.0%)
<i>Religious centrality, n (%)</i>		
Agree	54 (11.9%)	616 (13.2%)
Disagree	114 (25.0%)	1,154 (24.8%)
Not relevant	224 (49.1%)	2,170 (46.6%)
Unsure	63 (13.8%)	710 (15.2%)
(Missing)	1 (0.2%)	7 (0.2%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	57 (12.5%)	736 (15.8%)
Disagree	118 (25.9%)	1,174 (25.2%)
Not relevant	201 (44.0%)	2,051 (44.0%)
Unsure	79 (17.3%)	687 (14.7%)
(Missing)	1 (0.2%)	9 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	48 (10.6%)	638 (13.7%)
Disagree	133 (29.0%)	1,242 (26.7%)
Not relevant	196 (42.9%)	2,029 (43.6%)
Unsure	78 (17.2%)	740 (15.9%)
(Missing)	2 (0.3%)	10 (0.2%)
<i>Feel punished by God, n (%)</i>		
Agree	32 (7.0%)	365 (7.8%)
Disagree	157 (34.3%)	1,650 (35.4%)
Not relevant	195 (42.7%)	1,966 (42.2%)
Unsure	70 (15.3%)	670 (14.4%)
(Missing)	3 (0.6%)	7 (0.1%)
<i>Experienced religious criticism, n (%)</i>		
Agree	19 (4.1%)	213 (4.6%)
Disagree	148 (32.4%)	1,689 (36.3%)
Not relevant	223 (48.9%)	2,208 (47.4%)
Unsure	66 (14.4%)	541 (11.6%)
(Missing)	1 (0.2%)	7 (0.1%)
<i>Faith-sharing, n (%)</i>		
Agree	50 (11.0%)	551 (11.8%)
Disagree	125 (27.4%)	1,363 (29.3%)
Not relevant	210 (46.0%)	2,114 (45.4%)
Unsure	68 (14.9%)	623 (13.4%)
(Missing)	3 (0.7%)	7 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S12e. Summary of fitted attrition model in China

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	1.02	0.80, 1.30	0.881
Recruitment Survey Mode			
<i>CAWI</i>	—	—	
<i>CATI</i>	1.31	0.94, 1.81	0.112
Happiness & life satisfaction	0.82	0.68, 0.99	0.041
Physical & mental health	0.96	0.80, 1.14	0.614
Meaning & purpose	1.04	0.84, 1.28	0.724
Character & virtue	0.92	0.77, 1.10	0.368
Close social relationships	0.85	0.71, 1.02	0.073
Financial & material security	1.10	0.96, 1.26	0.189
Extraversion	1.07	0.95, 1.20	0.257
Openness to experience	1.02	0.90, 1.16	0.733
Agreeableness	1.02	0.89, 1.15	0.820
Conscientiousness	1.05	0.91, 1.21	0.546
Neuroticism	1.06	0.92, 1.22	0.389
Depression symptoms composite	0.98	0.87, 1.11	0.780
Anxiety symptoms composite	0.85	0.75, 0.95	0.006
Loneliness	0.99	0.86, 1.14	0.860
Days exercise per week	0.98	0.87, 1.09	0.675
Year of birth (age group)			
<i>1973-1983 (current age: 40-49 years)</i>	—	—	
<i>1953-1963 (current age: 60-69 years)</i>	0.80	0.53, 1.22	0.306
<i>1983-1993 (current age: 30-39 years)</i>	1.24	0.86, 1.77	0.245
<i>1963-1973 (current age: 50-59 years)</i>	1.04	0.72, 1.51	0.834
<i>1993-1998 (current age: 25-29 years)</i>	1.09	0.73, 1.62	0.672
<i>1998-2005 (current age: 18-24 years)</i>	0.88	0.50, 1.53	0.641
<i>1943-1953 (current age: 70-79 years)</i>	1.15	0.57, 2.34	0.693
<i>1943 or earlier (current age: 80+ years)</i>	26,816	5,955, 120,765	1.35e-39
Gender of respondent			
<i>Male</i>	—	—	
<i>Female</i>	1.26	1.01, 1.58	0.040
Marital status			
<i>Married</i>	—	—	
<i>Single/Never been married</i>	1.08	0.76, 1.54	0.650
<i>Widowed</i>	1.00	0.56, 1.77	0.999
<i>Domestic partner</i>	3.47	1.17, 10.3	0.025
<i>Divorced</i>	0.80	0.43, 1.48	0.480
<i>Separated</i>	0.45	0.19, 1.03	0.059
Employment status			
<i>Employed for an employer</i>	—	—	
<i>Self-employed</i>	0.93	0.69, 1.26	0.647
<i>Retired</i>	0.97	0.63, 1.51	0.906
<i>Homemaker</i>	0.92	0.59, 1.44	0.722
<i>None of these/Other</i>	1.17	0.73, 1.87	0.512
<i>Student</i>	1.56	0.80, 3.02	0.189
<i>Unemployed and looking for a job</i>	0.83	0.50, 1.36	0.463
Religious attendance			
<i>Never</i>	—	—	
<i>A few times a year</i>	1.23	0.89, 1.70	0.217
<i>One to three times a month</i>	1.21	0.78, 1.86	0.391
<i>Once a week</i>	1.46	0.85, 2.51	0.169
<i>More than once a week</i>	4.65	0.96, 22.5	0.056

Table S12e. Summary of fitted attrition model in China

Characteristic	Odds Ratio	95% CI	p-value
Educational attainment (16+ years)			
<i>Up to 8</i>	—	—	
<i>9-15</i>	0.89	0.64, 1.23	0.475
<i>16+</i>	0.88	0.59, 1.31	0.533
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.33	0.08, 1.34	0.121
Urbanicity			
<i>A large city</i>	—	—	
<i>A small town or village</i>	0.75	0.57, 0.98	0.038
<i>A suburb of a large city</i>	0.81	0.57, 1.15	0.238
<i>A rural area or on a farm</i>	0.89	0.63, 1.26	0.500
Monthly household income			
<i>China: 10,001 – 12,000 RMB</i>	—	—	
<i>China: 16,001 – 20,000 RMB</i>	2.22	1.29, 3.83	0.004
<i>China: 20,001 – 30,000 RMB</i>	1.51	0.88, 2.59	0.133
<i>China: 14,001 – 16,000 RMB</i>	1.18	0.71, 1.96	0.526
<i>China: 5,001 – 6,000 RMB</i>	1.15	0.70, 1.90	0.572
<i>China: 9,001 – 10,000 RMB</i>	1.36	0.79, 2.32	0.264
<i>China: 12,001 – 14,000 RMB</i>	1.57	0.91, 2.72	0.107
<i>China: 4,001 – 5,000 RMB</i>	0.70	0.43, 1.16	0.165
<i>China: 6,001 – 7,000 RMB</i>	1.24	0.73, 2.12	0.429
<i>China: 7,001 – 8,000 RMB</i>	0.81	0.49, 1.34	0.407
<i>China: 2,501 – 4,000 RMB</i>	0.92	0.53, 1.59	0.758
<i>China: 8,001 – 9,000 RMB</i>	0.72	0.45, 1.16	0.182
<i>China: 30,001 – 50,000 RMB</i>	1.70	0.84, 3.41	0.138
<i>China: 1,001 – 2,500 RMB</i>	0.69	0.33, 1.48	0.343
<i>(None/No household income)</i>	0.58	0.27, 1.25	0.163
<i>China: More than 100,000 RMB</i>	0.74	0.24, 2.29	0.597
<i>China: 50,001 – 75,000 RMB</i>	2.31	0.61, 8.70	0.216
<i>China: 1,000 RMB or less</i>	2.11	0.57, 7.78	0.264
<i>China: 75,001 – 100,000 RMB</i>	3.87	0.48, 31.1	0.204

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=5022; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S12f. Summary of principal components in China

PC	Percent Explained by each PC	Cumulative Percent Explained
1	24.81	24.81
2	9.55	34.36
3	6.20	40.57
4	3.45	44.02
5	2.36	46.38
6	1.98	48.35
7	1.79	50.14
8	1.63	51.78
9	1.58	53.36
10	1.51	54.86
11	1.41	56.28
12	1.37	57.65
13	1.34	58.98
14	1.32	60.30
15	1.28	61.58
16	1.18	62.77
17	1.15	63.91
18	1.09	65.00
19	1.08	66.08
20	1.06	67.14

Notes. N=5022; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S12g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in China

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.31	(0.27,0.35)	0.02	2.22e-16***	0.18	(0.12,0.24)	0.03	2.6e-09***
Flourishing index	0.32	(0.27,0.36)	0.02	2.22e-16***	0.20	(0.15,0.26)	0.03	5.28e-12***
Happiness & life satisfaction	0.23	(0.19,0.27)	0.02	2.22e-16***	0.06	(0.01,0.11)	0.02	0.011*
Physical & mental health	0.25	(0.21,0.29)	0.02	2.22e-16***	0.08	(0.03,0.13)	0.02	1.37e-03**
Meaning & purpose	0.25	(0.22,0.29)	0.02	2.22e-16***	0.09	(0.05,0.14)	0.03	1.72e-04***
Character & virtue	0.22	(0.19,0.26)	0.02	2.22e-16***	0.07	(0.03,0.12)	0.02	1.37e-03**
Close social relationships	0.26	(0.22,0.30)	0.02	2.22e-16***	0.12	(0.08,0.17)	0.02	1.4e-07***
Financial & material security	0.14	(0.11,0.18)	0.02	1.67e-15***	0.01	(-0.03,0.04)	0.02	0.590
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.21	(0.17,0.25)	0.02	2.22e-16***	0.04	(-0.00,0.09)	0.02	0.073
Happiness (a)	0.21	(0.17,0.25)	0.02	2.22e-16***	0.05	(0.01,0.10)	0.02	0.021*
Self-rated physical health (b)	0.20	(0.16,0.24)	0.02	2.22e-16***	0.05	(0.00,0.09)	0.02	0.031*
Self-rated mental health (b)	0.22	(0.18,0.26)	0.02	2.22e-16***	0.06	(0.01,0.11)	0.02	0.009*
Understanding purpose (c)	0.22	(0.19,0.26)	0.02	2.22e-16***	0.08	(0.04,0.13)	0.02	1.8e-04***
Meaningful activities (c)	0.20	(0.16,0.23)	0.02	2.22e-16***	0.04	(-0.01,0.08)	0.02	0.112
Orientation to promote good (d)	0.23	(0.19,0.27)	0.02	2.22e-16***	0.07	(0.02,0.11)	0.02	2.64e-03**
Delayed gratification (d)	0.16	(0.12,0.19)	0.02	2.22e-16***	0.04	(0.00,0.08)	0.02	0.034*
Relationship contentment (e)	0.24	(0.20,0.28)	0.02	2.22e-16***	0.10	(0.05,0.14)	0.02	2.06e-05***
Relationship satisfaction (e)	0.25	(0.21,0.28)	0.02	2.22e-16***	0.11	(0.06,0.15)	0.02	2.23e-06***
Financial security (f)	0.15	(0.11,0.18)	0.02	2.22e-16***	0.01	(-0.02,0.05)	0.02	0.552
Material security (f)	0.11	(0.08,0.15)	0.02	4.23e-11***	-0.01	(-0.04,0.02)	0.02	0.599
<i>Psychological Well-Being</i>								
Current life evaluation	0.17	(0.14,0.21)	0.02	2.22e-16***	0.05	(0.01,0.08)	0.02	0.008*
Future life evaluation	0.14	(0.11,0.18)	0.02	6.66e-16***	0.02	(-0.02,0.06)	0.02	0.279
Optimism	0.17	(0.13,0.20)	0.02	2.22e-16***	0.02	(-0.02,0.05)	0.02	0.412
Freedom to pursue what's important	0.24	(0.21,0.28)	0.02	2.22e-16***	0.10	(0.05,0.14)	0.02	1.48e-05***
Inner peace	0.10	(0.07,0.13)	0.02	4.39e-09***	0.00	(-0.03,0.04)	0.02	0.908
Life balance	0.10	(0.07,0.13)	0.02	9.91e-09***	0.00	(-0.03,0.04)	0.02	0.835
Sense of mastery	0.09	(0.06,0.13)	0.02	1.81e-07***	-0.00	(-0.04,0.03)	0.02	0.967
<i>Psychological Distress</i>								
Traumatic distress	-0.05	(-0.08,-0.02)	0.02	1.9e-03**	0.01	(-0.03,0.04)	0.02	0.619
Depression symptoms composite	-0.10	(-0.13,-0.06)	0.02	3.19e-09***	-0.01	(-0.05,0.02)	0.02	0.430
Depression – feel hopeless	-0.09	(-0.13,-0.06)	0.02	1.06e-07***	0.01	(-0.03,0.05)	0.02	0.549
Depression – loss of interest	-0.08	(-0.11,-0.04)	0.02	2.06e-06***	-0.01	(-0.05,0.02)	0.02	0.386
Anxiety symptoms composite	-0.09	(-0.12,-0.05)	0.02	3.19e-07***	0.03	(-0.01,0.07)	0.02	0.137
Anxiety – feel on edge	-0.09	(-0.13,-0.06)	0.02	1.21e-07***	0.01	(-0.03,0.05)	0.02	0.512
Anxiety – cannot stop worrying	-0.08	(-0.11,-0.04)	0.02	1.28e-05***	0.05	(0.01,0.09)	0.02	0.014*
Suffering	-0.15	(-0.18,-0.12)	0.02	2.22e-16***	-0.09	(-0.12,-0.05)	0.02	1.88e-07***
<i>Social Well-Being</i>								
Social support	0.14	(0.11,0.18)	0.02	1.44e-15***	0.04	(-0.00,0.07)	0.02	0.050
Intimate/close friend	0.08	(0.05,0.11)	0.02	3.03e-06***	0.03	(-0.00,0.06)	0.02	0.066
Government approval								
Say in government								
Belonging in country								
City/place satisfaction	0.09	(0.06,0.13)	0.02	5.82e-09***	0.03	(-0.01,0.06)	0.02	0.102
Trust within country	0.07	(0.04,0.10)	0.02	4.07e-05***	0.01	(-0.02,0.05)	0.02	0.371
<i>Social Participation</i>								
Ever been married	0.11	(0.03,0.19)	0.04	0.006*	0.08	(0.00,0.16)	0.04	0.040*
Currently divorced	0.01	(-0.02,0.05)	0.02	0.546	0.02	(-0.02,0.05)	0.02	0.313
Number of children	0.01	(-0.02,0.04)	0.02	0.441	0.01	(-0.02,0.04)	0.02	0.504
Weekly+ community participation	0.04	(0.01,0.08)	0.02	0.009*	0.01	(-0.02,0.05)	0.02	0.364
Weekly+ religious attendance	0.00	(-0.03,0.04)	0.02	0.840	-0.01	(-0.05,0.03)	0.02	0.671
<i>Social Distress</i>								
Loneliness	-0.15	(-0.18,-0.12)	0.02	2.22e-16***	-0.04	(-0.07,-0.00)	0.02	0.025*
Perceived discrimination	0.01	(-0.02,0.04)	0.02	0.577	0.01	(-0.02,0.04)	0.02	0.439
<i>Character & Prosocial Behavior</i>								
Hope	0.23	(0.19,0.26)	0.02	2.22e-16***	0.06	(0.01,0.11)	0.02	0.013*
Gratitude	0.19	(0.15,0.22)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	2.2e-03**
Showing love/care	0.17	(0.13,0.20)	0.02	2.22e-16***	0.04	(0.00,0.08)	0.02	0.033*
Forgivingness	0.07	(0.04,0.10)	0.02	2.29e-06***	0.03	(-0.00,0.06)	0.02	0.084
Charitable giving	0.03	(0.00,0.07)	0.02	0.028*	-0.00	(-0.04,0.03)	0.02	0.829
Helping strangers	0.02	(-0.01,0.05)	0.02	0.269	-0.01	(-0.04,0.02)	0.02	0.538
Volunteering	0.02	(-0.01,0.05)	0.02	0.159	-0.03	(-0.06,0.01)	0.02	0.120
<i>Physical Health & Health Behavior</i>								
Health problems	-0.03	(-0.06,0.00)	0.02	0.065	-0.01	(-0.04,0.03)	0.02	0.630
Pain in past 4 weeks	-0.08	(-0.11,-0.05)	0.02	1.05e-06***	-0.02	(-0.06,0.01)	0.02	0.124
Daily smoker	0.03	(-0.00,0.06)	0.02	0.085	0.02	(-0.01,0.06)	0.02	0.119
Number of drinks per week	0.01	(-0.03,0.04)	0.02	0.664	0.02	(-0.01,0.05)	0.02	0.299
Days exercise per week	0.08	(0.05,0.11)	0.02	2.38e-07***	0.02	(-0.01,0.05)	0.02	0.124
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.02	(-0.01,0.04)	0.01	0.155	0.04	(0.01,0.07)	0.01	0.014*
Currently employed	0.02	(-0.02,0.05)	0.02	0.340	-0.03	(-0.07,0.01)	0.02	0.176
Financially comfortable/getting by	0.10	(0.07,0.14)	0.02	1.02e-09***	0.03	(-0.00,0.06)	0.02	0.077
Own home	0.05	(0.02,0.09)	0.02	1.01e-03**	0.03	(-0.00,0.06)	0.02	0.078
Income – top quintile	0.04	(0.00,0.08)	0.02	0.029*	0.03	(-0.01,0.07)	0.02	0.116
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.03	(-0.01,0.06)	0.02	0.121	0.00	(-0.04,0.04)	0.02	0.945
Belief in life after death	-0.03	(-0.07,0.00)	0.02	0.055	-0.02	(-0.05,0.02)	0.02	0.330
Transformative religious experience	-0.03	(-0.07,0.01)	0.02	0.149	-0.02	(-0.06,0.02)	0.02	0.315
Religious reading or listening	-0.01	(-0.05,0.04)	0.02	0.740	-0.02	(-0.06,0.02)	0.02	0.333
Prayer or meditation	0.01	(-0.02,0.05)	0.02	0.460	0.02	(-0.02,0.06)	0.02	0.257
Belief in God/gods/spiritual forces	-0.05	(-0.09,-0.01)	0.02	0.009*	-0.03	(-0.06,0.01)	0.02	0.114
Religious centrality	0.03	(-0.00,0.07)	0.02	0.067	0.04	(0.00,0.08)	0.02	0.048*
Religious/spiritual comfort	-0.01	(-0.05,0.04)	0.02	0.716	0.00	(-0.05,0.05)	0.03	0.860
Feel loved by God	0.03	(-0.01,0.07)	0.02	0.152	0.05	(-0.00,0.09)	0.02	0.053
Feel punished by God	-0.00	(-0.04,0.03)	0.02	0.794	0.01	(-0.03,0.05)	0.02	0.719
Experienced religious criticism	-0.00	(-0.04,0.03)	0.02	0.878	-0.01	(-0.04,0.03)	0.02	0.725
Faith-sharing	0.02	(-0.02,0.06)	0.02	0.320	0.03	(-0.01,0.07)	0.02	0.200

Notes. N=5022; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S12h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in China using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.31	(0.27,0.35)	0.02	2.22e-16***	0.18	(0.12,0.24)	0.03	1.12e-08***
Flourishing index	0.32	(0.27,0.36)	0.02	2.22e-16***	0.21	(0.15,0.27)	0.03	2.7e-11***
Happiness & life satisfaction	0.23	(0.19,0.27)	0.02	2.22e-16***	0.06	(0.01,0.11)	0.03	0.021*
Physical & mental health	0.25	(0.21,0.29)	0.02	2.22e-16***	0.08	(0.03,0.13)	0.03	2.06e-03**
Meaning & purpose	0.25	(0.21,0.29)	0.02	2.22e-16***	0.10	(0.04,0.15)	0.03	3.45e-04***
Character & virtue	0.22	(0.19,0.26)	0.02	2.22e-16***	0.08	(0.03,0.13)	0.02	1.32e-03**
Close social relationships	0.26	(0.22,0.30)	0.02	2.22e-16***	0.13	(0.08,0.17)	0.02	3.43e-07***
Financial & material security	0.14	(0.10,0.18)	0.02	1.73e-13***	0.01	(-0.03,0.05)	0.02	0.552
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.21	(0.17,0.25)	0.02	2.22e-16***	0.04	(-0.01,0.09)	0.03	0.105
Happiness (a)	0.21	(0.17,0.25)	0.02	2.22e-16***	0.05	(0.00,0.10)	0.02	0.035*
Self-rated physical health (b)	0.20	(0.16,0.24)	0.02	2.22e-16***	0.05	(-0.00,0.09)	0.02	0.053
Self-rated mental health (b)	0.22	(0.18,0.26)	0.02	2.22e-16***	0.07	(0.02,0.11)	0.02	0.007*
Understanding purpose (c)	0.22	(0.19,0.26)	0.02	2.22e-16***	0.09	(0.04,0.13)	0.02	2.46e-04***
Meaningful activities (c)	0.19	(0.15,0.23)	0.02	2.22e-16***	0.03	(-0.01,0.08)	0.02	0.150
Orientation to promote good (d)	0.23	(0.19,0.27)	0.02	2.22e-16***	0.07	(0.02,0.12)	0.02	3.22e-03**
Delayed gratification (d)	0.16	(0.12,0.20)	0.02	2.22e-16***	0.04	(0.00,0.08)	0.02	0.028*
Relationship contentment (e)	0.24	(0.20,0.28)	0.02	2.22e-16***	0.10	(0.05,0.14)	0.02	5.07e-05***
Relationship satisfaction (e)	0.25	(0.21,0.29)	0.02	2.22e-16***	0.11	(0.06,0.16)	0.02	2.86e-06***
Financial security (f)	0.14	(0.11,0.18)	0.02	1.82e-14***	0.01	(-0.02,0.05)	0.02	0.532
Material security (f)	0.11	(0.07,0.14)	0.02	1.08e-09***	-0.01	(-0.04,0.03)	0.02	0.640
<i>Psychological Well-Being</i>								
Current life evaluation	0.17	(0.13,0.21)	0.02	2.22e-16***	0.05	(0.01,0.09)	0.02	0.010*
Future life evaluation	0.15	(0.11,0.18)	0.02	2.44e-15***	0.03	(-0.01,0.06)	0.02	0.178
Optimism	0.17	(0.13,0.20)	0.02	2.22e-16***	0.02	(-0.02,0.06)	0.02	0.302
Freedom to pursue what's important	0.24	(0.20,0.28)	0.02	2.22e-16***	0.10	(0.05,0.14)	0.02	3.18e-05***
Inner peace	0.09	(0.06,0.13)	0.02	1.67e-07***	-0.00	(-0.04,0.04)	0.02	0.930
Life balance	0.10	(0.06,0.13)	0.02	3.58e-08***	0.00	(-0.04,0.04)	0.02	0.959
Sense of mastery	0.09	(0.05,0.13)	0.02	1.12e-06***	-0.00	(-0.04,0.04)	0.02	0.992
<i>Psychological Distress</i>								
Traumatic distress	-0.05	(-0.09,-0.02)	0.02	1.21e-03**	0.01	(-0.03,0.04)	0.02	0.689
Depression symptoms composite	-0.09	(-0.12,-0.06)	0.02	9.6e-08***	-0.01	(-0.05,0.02)	0.02	0.526
Depression – feel hopeless	-0.09	(-0.13,-0.06)	0.02	8.16e-07***	0.01	(-0.03,0.05)	0.02	0.671
Depression – loss of interest	-0.07	(-0.10,-0.04)	0.02	3.09e-05***	-0.01	(-0.04,0.02)	0.02	0.593
Anxiety symptoms composite	-0.08	(-0.12,-0.05)	0.02	5.71e-06***	0.03	(-0.01,0.07)	0.02	0.147
Anxiety – feel on edge	-0.09	(-0.13,-0.05)	0.02	1.43e-06***	0.01	(-0.03,0.06)	0.02	0.546
Anxiety – cannot stop worrying	-0.08	(-0.11,-0.04)	0.02	3.98e-05***	0.05	(0.00,0.09)	0.02	0.032*
Suffering	-0.15	(-0.18,-0.12)	0.02	2.22e-16***	-0.08	(-0.12,-0.05)	0.02	2.5e-06***
<i>Social Well-Being</i>								
Social support	0.14	(0.11,0.18)	0.02	3.24e-14***	0.03	(-0.00,0.07)	0.02	0.068
Intimate/close friend	0.08	(0.04,0.11)	0.02	2.32e-05***	0.03	(-0.00,0.07)	0.02	0.085
Government approval								
Say in government								
Belonging in country								
City/place satisfaction	0.09	(0.06,0.12)	0.02	8.26e-08***	0.02	(-0.01,0.05)	0.02	0.242
Trust within country	0.07	(0.04,0.11)	0.02	8.57e-05***	0.02	(-0.02,0.05)	0.02	0.318
<i>Social Participation</i>								
Ever been married	0.10	(0.02,0.18)	0.04	0.014*	0.08	(-0.00,0.16)	0.04	0.052
Currently divorced	0.01	(-0.03,0.05)	0.02	0.634	0.02	(-0.02,0.05)	0.02	0.370
Number of children	0.01	(-0.02,0.04)	0.02	0.533	0.01	(-0.02,0.04)	0.02	0.520
Weekly+ community participation	0.04	(0.01,0.08)	0.02	0.011*	0.01	(-0.02,0.05)	0.02	0.391
Weekly+ religious attendance	0.00	(-0.03,0.04)	0.02	0.814	-0.01	(-0.05,0.03)	0.02	0.682
<i>Social Distress</i>								
Loneliness	-0.15	(-0.18,-0.11)	0.02	2.22e-16***	-0.04	(-0.07,-0.00)	0.02	0.043*
Perceived discrimination	0.00	(-0.03,0.04)	0.02	0.804	0.01	(-0.02,0.04)	0.02	0.561
<i>Character & Prosocial Behavior</i>								
Hope	0.23	(0.19,0.27)	0.02	2.22e-16***	0.07	(0.02,0.12)	0.03	0.011*
Gratitude	0.19	(0.15,0.22)	0.02	2.22e-16***	0.06	(0.02,0.11)	0.02	2.61e-03**
Showing love/care	0.17	(0.13,0.20)	0.02	2.22e-16***	0.05	(0.01,0.09)	0.02	0.025*
Forgivingness	0.07	(0.04,0.10)	0.02	1.49e-05***	0.02	(-0.01,0.06)	0.02	0.143
Charitable giving	0.04	(0.00,0.07)	0.02	0.029*	-0.00	(-0.04,0.03)	0.02	0.812
Helping strangers	0.02	(-0.01,0.05)	0.02	0.281	-0.01	(-0.04,0.02)	0.02	0.571
Volunteering	0.02	(-0.01,0.06)	0.02	0.136	-0.02	(-0.06,0.01)	0.02	0.193
<i>Physical Health & Health Behavior</i>								
Health problems	-0.03	(-0.07,0.00)	0.02	0.079	-0.00	(-0.04,0.03)	0.02	0.786
Pain in past 4 weeks	-0.08	(-0.11,-0.04)	0.02	4.08e-06***	-0.02	(-0.05,0.01)	0.02	0.190
Daily smoker	0.03	(-0.00,0.06)	0.02	0.088	0.03	(-0.01,0.06)	0.02	0.123
Number of drinks per week	0.01	(-0.03,0.05)	0.02	0.583	0.02	(-0.01,0.05)	0.02	0.243
Days exercise per week	0.08	(0.05,0.11)	0.02	6.04e-07***	0.02	(-0.01,0.06)	0.02	0.135
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.02	(-0.01,0.05)	0.01	0.133	0.04	(0.01,0.07)	0.02	0.011*
Currently employed	0.02	(-0.02,0.06)	0.02	0.372	-0.02	(-0.07,0.02)	0.02	0.243
Financially comfortable/getting by	0.10	(0.07,0.14)	0.02	1.36e-08***	0.03	(-0.00,0.06)	0.02	0.093
Own home	0.05	(0.02,0.08)	0.02	4.1e-03**	0.02	(-0.01,0.06)	0.02	0.135
Income – top quintile	0.04	(0.01,0.07)	0.02	0.011*	0.03	(-0.00,0.06)	0.02	0.054
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.02	(-0.01,0.06)	0.02	0.247	0.00	(-0.04,0.04)	0.02	0.983
Belief in life after death	-0.03	(-0.07,0.00)	0.02	0.080	-0.02	(-0.05,0.02)	0.02	0.421
Transformative religious experience	-0.03	(-0.08,0.01)	0.02	0.153	-0.02	(-0.07,0.02)	0.02	0.329
Religious reading or listening	-0.01	(-0.06,0.03)	0.02	0.601	-0.02	(-0.07,0.02)	0.02	0.308
Prayer or meditation	0.01	(-0.03,0.05)	0.02	0.546	0.02	(-0.02,0.06)	0.02	0.269
Belief in God/gods/spiritual forces	-0.05	(-0.09,-0.01)	0.02	0.012*	-0.02	(-0.06,0.01)	0.02	0.201
Religious centrality	0.04	(-0.00,0.07)	0.02	0.071	0.04	(0.00,0.09)	0.02	0.048*
Religious/spiritual comfort	-0.01	(-0.05,0.04)	0.02	0.787	0.01	(-0.05,0.06)	0.03	0.790
Feel loved by God	0.03	(-0.01,0.07)	0.02	0.190	0.05	(-0.00,0.10)	0.03	0.061
Feel punished by God	-0.01	(-0.04,0.03)	0.02	0.732	0.00	(-0.04,0.04)	0.02	0.841
Experienced religious criticism	-0.00	(-0.04,0.03)	0.02	0.802	-0.01	(-0.05,0.03)	0.02	0.665
Faith-sharing	0.02	(-0.03,0.06)	0.02	0.442	0.02	(-0.02,0.07)	0.02	0.260

Notes. N=4544; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S12i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in China

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	1.72	1.64	1.48	1.36	1.72	1.64	1.48	1.36
Flourishing index	1.72	1.65	1.52	1.41	1.72	1.64	1.53	1.41
Happiness & life satisfaction	1.53	1.47	1.23	1.10	1.53	1.46	1.22	1.08
Physical & mental health	1.56	1.49	1.26	1.15	1.56	1.49	1.26	1.14
Meaning & purpose	1.55	1.49	1.29	1.18	1.55	1.49	1.29	1.18
Character & virtue	1.50	1.44	1.24	1.14	1.50	1.44	1.25	1.14
Close social relationships	1.52	1.46	1.31	1.24	1.52	1.46	1.32	1.23
Financial & material security	1.32	1.27	1.07	1.00	1.31	1.26	1.07	1.00
Individual Flourishing Index Items								
Life satisfaction	1.46	1.40	1.17	1.00	1.46	1.40	1.17	1.00
Happiness	1.48	1.42	1.20	1.07	1.48	1.41	1.19	1.05
Self-rated physical health	1.46	1.40	1.18	1.05	1.45	1.39	1.18	1.00
Self-rated mental health	1.46	1.41	1.20	1.09	1.47	1.41	1.21	1.10
Understanding purpose	1.44	1.40	1.23	1.15	1.44	1.39	1.24	1.15
Meaningful activities	1.45	1.39	1.15	1.00	1.44	1.38	1.15	1.00
Orientation to promote good	1.49	1.43	1.23	1.12	1.49	1.43	1.23	1.12
Delayed gratification	1.35	1.30	1.15	1.04	1.35	1.30	1.16	1.05
Relationship contentment	1.49	1.43	1.27	1.18	1.48	1.43	1.27	1.18
Relationship satisfaction	1.48	1.43	1.27	1.20	1.48	1.43	1.28	1.20
Financial security	1.30	1.26	1.07	1.00	1.30	1.25	1.07	1.00
Material security	1.26	1.21	1.06	1.00	1.26	1.20	1.06	1.00
Psychological Well-Being								
Current life evaluation	1.41	1.35	1.19	1.09	1.41	1.35	1.19	1.09
Future life evaluation	1.37	1.31	1.11	1.00	1.38	1.31	1.13	1.00
Optimism	1.38	1.32	1.09	1.00	1.38	1.32	1.11	1.00
Freedom to pursue what's important	1.45	1.40	1.25	1.17	1.45	1.40	1.25	1.17
Inner peace	1.94	1.68	1.08	1.00	1.89	1.62	1.07	1.00
Life balance	1.90	1.65	1.11	1.00	1.91	1.64	1.05	1.00
Sense of mastery	1.90	1.62	1.05	1.00	1.88	1.59	1.02	1.00
Psychological Distress								
Traumatic distress	1.47	1.25	1.16	1.00	1.50	1.27	1.14	1.00
Depression symptoms composite	1.71	1.53	1.20	1.00	1.68	1.49	1.18	1.00
Depression – feel hopeless	1.88	1.61	1.22	1.00	1.86	1.58	1.18	1.00
Depression – loss of interest	1.59	1.41	1.20	1.00	1.56	1.36	1.16	1.00
Anxiety symptoms composite	1.76	1.53	1.34	1.00	1.73	1.48	1.35	1.00
Anxiety – feel on edge	1.85	1.59	1.22	1.00	1.83	1.56	1.22	1.00
Anxiety – cannot stop worrying	1.74	1.48	1.53	1.19	1.74	1.46	1.50	1.11
Suffering	2.02	1.84	1.65	1.46	2.00	1.82	1.62	1.43
Social Well-Being								
Social support	1.32	1.27	1.14	1.00	1.32	1.26	1.14	1.00
Intimate/close friend	1.86	1.57	1.43	1.00	1.84	1.52	1.43	1.00
Government approval								
Say in government								
Belonging in country								
City/place satisfaction	1.89	1.64	1.35	1.00	1.86	1.60	1.29	1.00
Trust within country	1.73	1.46	1.25	1.00	1.74	1.45	1.28	1.00
Social Participation								
Ever been married	1.84	1.34	1.66	1.10	1.80	1.27	1.66	1.00
Currently divorced	1.33	1.00	1.45	1.00	1.30	1.00	1.43	1.00
Number of children	1.13	1.00	1.12	1.00	1.12	1.00	1.12	1.00
Weekly+ community participation	1.48	1.20	1.24	1.00	1.48	1.19	1.24	1.00
Weekly+ religious attendance	1.15	1.00	1.23	1.00	1.16	1.00	1.24	1.00
Social Distress								
Loneliness	1.30	1.26	1.13	1.04	1.30	1.25	1.13	1.02
Perceived discrimination	1.17	1.00	1.21	1.00	1.11	1.00	1.18	1.00
Character & Prosocial Behavior								
Hope	1.47	1.42	1.21	1.09	1.47	1.42	1.22	1.09
Gratitude	1.40	1.35	1.20	1.11	1.40	1.35	1.21	1.11
Showing love/care	1.39	1.33	1.17	1.04	1.39	1.33	1.18	1.06
Forgivingness	1.55	1.38	1.28	1.00	1.52	1.35	1.26	1.00
Charitable giving	1.34	1.09	1.09	1.00	1.34	1.09	1.10	1.00
Helping strangers	1.22	1.00	1.16	1.00	1.22	1.00	1.16	1.00
Volunteering	1.26	1.00	1.28	1.00	1.27	1.00	1.26	1.00
Physical Health & Health Behavior								
Health problems	1.38	1.00	1.17	1.00	1.39	1.00	1.13	1.00
Pain in past 4 weeks	1.60	1.42	1.28	1.00	1.61	1.41	1.26	1.00
Daily smoker	1.30	1.00	1.28	1.00	1.31	1.00	1.29	1.00
Number of drinks per week	1.04	1.00	1.07	1.00	1.05	1.00	1.08	1.00
Days exercise per week	1.23	1.17	1.11	1.00	1.23	1.17	1.11	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.31	1.00	1.49	1.18	1.33	1.00	1.52	1.20
Currently employed	1.22	1.00	1.29	1.00	1.22	1.00	1.27	1.00
Financially comfortable/getting by	1.85	1.63	1.34	1.00	1.84	1.60	1.34	1.00
Own home	1.55	1.30	1.35	1.00	1.52	1.25	1.32	1.00
Income – top quintile	1.44	1.12	1.35	1.00	1.43	1.17	1.35	1.00
Religion & Spirituality								
Religious/spiritual connection	1.32	1.00	1.06	1.00	1.27	1.00	1.03	1.00
Belief in life after death	1.36	1.00	1.24	1.00	1.35	1.00	1.22	1.00
Transformative religious experience	1.34	1.00	1.27	1.00	1.35	1.00	1.28	1.00
Religious reading or listening	1.20	1.00	1.39	1.00	1.28	1.00	1.42	1.00
Prayer or meditation	1.26	1.00	1.34	1.00	1.24	1.00	1.36	1.00
Belief in God/gods/spiritual forces	1.43	1.18	1.30	1.00	1.43	1.17	1.27	1.00
Religious centrality	1.43	1.00	1.49	1.04	1.43	1.00	1.50	1.04
Religious/spiritual comfort	1.17	1.00	1.12	1.00	1.14	1.00	1.15	1.00
Feel loved by God	1.39	1.00	1.52	1.00	1.38	1.00	1.53	1.00
Feel punished by God	1.14	1.00	1.18	1.00	1.17	1.00	1.13	1.00
Experienced religious criticism	1.12	1.00	1.20	1.00	1.16	1.00	1.23	1.00
Faith-sharing	1.31	1.00	1.37	1.00	1.27	1.00	1.35	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S13a. Weighted summary statistics for demographic and childhood variables in Egypt

Characteristic	Wave 1 N = 4,729	Wave 2 N = 3,044
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	7 (0.1%)	0 (0%)
1943-1953 (current age: 70-79 years)	52 (1.1%)	53 (1.7%)
1953-1963 (current age: 60-69 years)	389 (8.2%)	274 (9.0%)
1963-1973 (current age: 50-59 years)	568 (12.0%)	384 (12.6%)
1973-1983 (current age: 40-49 years)	814 (17.2%)	563 (18.5%)
1983-1993 (current age: 30-39 years)	1,139 (24.1%)	739 (24.3%)
1993-1998 (current age: 25-29 years)	603 (12.7%)	417 (13.7%)
1998-2005 (current age: 18-24 years)	1,157 (24.5%)	615 (20.2%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	37.0	38.3
Standard Deviation	14.2	14.1
Min, Max	18.0, 85.0	19.0, 77.0
<i>Gender, n (%)</i>		
Male	2,427 (51.3%)	1,561 (51.3%)
Female	2,302 (48.7%)	1,482 (48.7%)
Other	0 (0%)	0 (0%)
(Missing)	0 (<0.0%)	0 (0.0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,077 (22.8%)	637 (20.9%)
Married	3,265 (69.1%)	2,174 (71.4%)
Separated	37 (0.8%)	23 (0.8%)
Divorced	99 (2.1%)	54 (1.8%)
Widowed	233 (4.9%)	154 (5.1%)
Domestic partner	0 (0%)	0 (0%)
(Missing)	17 (0.4%)	2 (0.1%)
<i>Education (years), n (%)</i>		
Up to 8	2,625 (55.5%)	1,579 (51.9%)
9-15	1,508 (31.9%)	1,011 (33.2%)
16+	596 (12.6%)	454 (14.9%)
(Missing)	0 (<0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,262 (26.7%)	914 (30.0%)
Self-employed	884 (18.7%)	657 (21.6%)
Retired	236 (5.0%)	143 (4.7%)
Student	366 (7.7%)	113 (3.7%)
Homemaker	1,726 (36.5%)	1,094 (36.0%)
Unemployed and looking for a job	231 (4.9%)	72 (2.4%)
None of these/Other	21 (0.4%)	42 (1.4%)
(Missing)	4 (0.1%)	9 (0.3%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	866 (18.3%)	357 (11.7%)
Once a week	954 (20.2%)	327 (10.7%)
One to three times a month	378 (8.0%)	231 (7.6%)
A few times a year	458 (9.7%)	324 (10.7%)
Never	2,061 (43.6%)	1,805 (59.3%)
(Missing)	12 (0.3%)	0 (0.0%)
<i>Immigration status, n (%)</i>		
Born in this country	4,712 (99.6%)	3,034 (99.7%)

Table S13a. Weighted summary statistics for demographic and childhood variables in Egypt

Characteristic	Wave 1 N = 4,729	Wave 2 N = 3,044
Born in another country	16 (0.3%)	10 (0.3%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	4,050 (85.6%)	2,621 (86.1%)
Parents were divorced	135 (2.9%)	85 (2.8%)
Parents were never married	9 (0.2%)	1 (0.0%)
One or both of them had died	476 (10.1%)	304 (10.0%)
Unsure	33 (0.7%)	22 (0.7%)
(Missing)	25 (0.5%)	10 (0.3%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	2,310 (48.8%)	1,444 (47.4%)
One to three times a month	567 (12.0%)	385 (12.7%)
Less than once a month	629 (13.3%)	407 (13.4%)
Never	1,166 (24.7%)	771 (25.3%)
(Missing)	57 (1.2%)	37 (1.2%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	4,114 (87.0%)	2,656 (87.3%)
Somewhat good	502 (10.6%)	316 (10.4%)
Somewhat bad	20 (0.4%)	12 (0.4%)
Very bad	10 (0.2%)	4 (0.1%)
(Does not apply)	83 (1.8%)	56 (1.8%)
(Missing)	0 (0%)	0 (0%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	3,714 (78.5%)	2,371 (77.9%)
Somewhat good	687 (14.5%)	443 (14.6%)
Somewhat bad	58 (1.2%)	49 (1.6%)
Very bad	30 (0.6%)	22 (0.7%)
(Does not apply)	226 (4.8%)	151 (5.0%)
(Missing)	13 (0.3%)	8 (0.3%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	256 (5.4%)	170 (5.6%)
No	4,460 (94.3%)	2,859 (93.9%)
(Missing)	14 (0.3%)	14 (0.5%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	410 (8.7%)	272 (8.9%)
No	4,289 (90.7%)	2,758 (90.6%)
(Missing)	30 (0.6%)	14 (0.5%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,679 (56.7%)	1,700 (55.9%)
Very good	1,171 (24.8%)	760 (25.0%)
Good	500 (10.6%)	329 (10.8%)
Fair	270 (5.7%)	185 (6.1%)
Poor	107 (2.3%)	68 (2.3%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,250 (26.4%)	805 (26.4%)
Got by	2,348 (49.6%)	1,485 (48.8%)
Found it difficult	862 (18.2%)	579 (19.0%)
Found it very difficult	269 (5.7%)	175 (5.8%)
(Missing)	1 (0.0%)	0 (<0.0%)

Table S13a. Weighted summary statistics for demographic and childhood variables in Egypt

Characteristic	Wave 1 N = 4,729	Wave 2 N = 3,044
<i>Religious affiliation growing up, n (%)</i>		
Christianity	121 (2.6%)	79 (2.6%)
Taoism	0 (<0.0%)	0 (0.0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	0 (0%)	0 (0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	4,605 (97.4%)	2,964 (97.4%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	0 (0%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0.0%)	0 (0.0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	0 (0%)	0 (0%)
(Missing)	3 (0.1%)	0 (0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S13b. Weighted summary statistics for exposure and outcome variables in Egypt

Outcome	Wave 1 N = 4,729	Wave 2 N = 3,044
<i>Secure flourishing index</i>		
Mean	7.3	7.3
Standard Deviation	1.5	1.5
Min, Max	1.3, 10.0	0.7, 10.0
(Missing)	222 (4.7%)	141 (4.6%)
<i>Flourishing index</i>		
Mean	7.6	7.6
Standard Deviation	1.5	1.5
Min, Max	1.6, 10.0	0.4, 10.0
(Missing)	213 (4.5%)	131 (4.3%)
<i>Happiness & life satisfaction</i>		
Mean	6.9	7.0
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	49 (1.0%)	11 (0.4%)
<i>Physical & mental health</i>		
Mean	7.7	7.5
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	51 (1.1%)	34 (1.1%)
<i>Meaning & purpose</i>		
Mean	8.0	8.0
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (1.1%)	28 (0.9%)
<i>Character & virtue</i>		
Mean	7.6	7.7
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	108 (2.3%)	57 (1.9%)
<i>Close social relationships</i>		
Mean	7.9	7.7
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.5%)	16 (0.5%)
<i>Financial & material security</i>		
Mean	5.7	5.8
Standard Deviation	3.1	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.4%)	11 (0.4%)
<i>Life satisfaction</i>		
Mean	7.7	7.8
Standard Deviation	2.9	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.6%)	7 (0.2%)
<i>Happiness</i>		
Mean	6.2	6.2
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.4%)	6 (0.2%)
<i>Self-rated physical health</i>		

Table S13b. Weighted summary statistics for exposure and outcome variables in Egypt

Outcome	Wave 1 N = 4,729	Wave 2 N = 3,044
Mean	6.8	6.6
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.3%)	17 (0.6%)
<i>Self-rated mental health</i>		
Mean	8.6	8.4
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	36 (0.8%)	20 (0.6%)
<i>Understanding purpose</i>		
Mean	7.9	7.9
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	34 (0.7%)	14 (0.5%)
<i>Meaningful activities</i>		
Mean	8.0	8.0
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.4%)	15 (0.5%)
<i>Orientation to promote good</i>		
Mean	8.3	8.5
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	63 (1.3%)	28 (0.9%)
<i>Delayed gratification</i>		
Mean	7.0	6.8
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	58 (1.2%)	31 (1.0%)
<i>Relationship contentment</i>		
Mean	7.9	7.8
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.2%)	6 (0.2%)
<i>Relationship satisfaction</i>		
Mean	7.8	7.6
Standard Deviation	2.6	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.3%)	11 (0.4%)
<i>Financial security</i>		
Mean	5.3	5.4
Standard Deviation	3.5	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.3%)	8 (0.3%)
<i>Material security</i>		
Mean	6.2	6.3
Standard Deviation	3.4	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.3%)	3 (0.1%)
<i>Current life evaluation</i>		
Mean	5.0	5.3

Table S13b. Weighted summary statistics for exposure and outcome variables in Egypt

Outcome	Wave 1 N = 4,729	Wave 2 N = 3,044
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	33 (0.7%)	9 (0.3%)
<i>Future life evaluation</i>		
Mean	7.1	7.2
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	826 (17%)	527 (17%)
<i>Optimism</i>		
Mean	7.6	7.5
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	68 (1.4%)	56 (1.8%)
<i>Freedom to pursue what's important</i>		
Mean	7.5	7.4
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.3%)	2 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	1,733 (36.7%)	1,097 (36.1%)
Often	2,311 (48.9%)	1,328 (43.6%)
Rarely	498 (10.5%)	434 (14.3%)
Never	179 (3.8%)	173 (5.7%)
(Missing)	8 (0.2%)	11 (0.3%)
<i>Life balance, n (%)</i>		
Always	1,194 (25.2%)	789 (25.9%)
Often	2,559 (54.1%)	1,465 (48.1%)
Rarely	722 (15.3%)	565 (18.6%)
Never	241 (5.1%)	213 (7.0%)
(Missing)	13 (0.3%)	11 (0.4%)
<i>Sense of mastery, n (%)</i>		
Always	2,242 (47.4%)	1,554 (51.1%)
Often	1,967 (41.6%)	1,141 (37.5%)
Rarely	384 (8.1%)	252 (8.3%)
Never	130 (2.8%)	85 (2.8%)
(Missing)	6 (0.1%)	12 (0.4%)
<i>Traumatic distress, n (%)</i>		
A lot	1,695 (35.8%)	1,081 (35.5%)
Some	810 (17.1%)	461 (15.2%)
Not very much	688 (14.6%)	430 (14.1%)
Not at all	1,523 (32.2%)	1,059 (34.8%)
(Missing)	13 (0.3%)	13 (0.4%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,743 (37.1%)	1,106 (36.7%)
	36 (0.8%)	26 (0.9%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	691 (14.6%)	497 (16.3%)
More than half the days	625 (13.2%)	384 (12.6%)
Several days	1,698 (35.9%)	1,006 (33.0%)
Not at all	1,707 (36.1%)	1,157 (38.0%)
(Missing)	7 (0.2%)	0 (<0.0%)
<i>Depression – loss of interest, n (%)</i>		

Table S13b. Weighted summary statistics for exposure and outcome variables in Egypt

Outcome	Wave 1 N = 4,729	Wave 2 N = 3,044
Nearly every day	651 (13.8%)	417 (13.7%)
More than half the days	767 (16.2%)	428 (14.1%)
Several days	1,753 (37.1%)	1,190 (39.1%)
Not at all	1,528 (32.3%)	982 (32.3%)
(Missing)	31 (0.7%)	26 (0.9%)
<i>Anxiety symptoms composite, n (%)</i>	2,084 (44.1%)	1,377 (45.3%)
(Missing)	4 (<0.1%)	1 (<0.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	1,181 (25.0%)	839 (27.6%)
More than half the days	713 (15.1%)	412 (13.5%)
Several days	1,772 (37.5%)	1,133 (37.2%)
Not at all	1,060 (22.4%)	659 (21.6%)
(Missing)	3 (0.1%)	1 (0.0%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	824 (17.4%)	514 (16.9%)
More than half the days	681 (14.4%)	438 (14.4%)
Several days	1,710 (36.2%)	1,024 (33.6%)
Not at all	1,511 (31.9%)	1,067 (35.1%)
(Missing)	3 (0.1%)	0 (<0.0%)
<i>Suffering, n (%)</i>		
A lot	1,025 (21.7%)	762 (25.0%)
Some	1,329 (28.1%)	682 (22.4%)
Not very much	692 (14.6%)	483 (15.9%)
Not at all	1,678 (35.5%)	1,114 (36.6%)
(Missing)	5 (0.1%)	3 (0.1%)
<i>Social support</i>		
Mean	6.9	6.8
Standard Deviation	3.6	3.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.3%)	6 (0.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	4,131 (87.3%)	2,578 (84.7%)
No	585 (12.4%)	464 (15.3%)
(Missing)	13 (0.3%)	2 (0.1%)
<i>Government approval, n (%)</i>		
Strongly approve	0 (0%)	0 (0%)
Somewhat approve	0 (0%)	0 (0%)
Neither approve nor disapprove	0 (0%)	0 (0%)
Somewhat disapprove	0 (0%)	0 (0%)
Strongly disapprove	0 (0%)	0 (0%)
(Missing)	4,729 (100.0%)	3,044 (100.0%)
<i>Say in government, n (%)</i>		
Agree	2,250 (47.6%)	1,526 (50.1%)
Disagree	1,085 (22.9%)	820 (26.9%)
Unsure	1,284 (27.2%)	646 (21.2%)
(Missing)	110 (2.3%)	52 (1.7%)
<i>Belonging in country</i>		
Mean	8.8	8.9
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.3%)	17 (0.5%)

Table S13b. Weighted summary statistics for exposure and outcome variables in Egypt

Outcome	Wave 1 N = 4,729	Wave 2 N = 3,044
<i>City/place satisfaction, n (%)</i>		
Satisfied	3,558 (75.2%)	2,417 (79.4%)
Dissatisfied	1,084 (22.9%)	560 (18.4%)
Unsure	84 (1.8%)	63 (2.1%)
(Missing)	2 (0.1%)	4 (0.1%)
<i>Trust within country, n (%)</i>		
All people	292 (6.2%)	141 (4.6%)
Most people	945 (20.0%)	642 (21.1%)
Some people	1,278 (27.0%)	705 (23.2%)
Not very many people	1,374 (29.1%)	947 (31.1%)
None	763 (16.1%)	551 (18.1%)
(Missing)	76 (1.6%)	58 (1.9%)
<i>Number of children</i>		
Mean	1.7	1.8
Standard Deviation	1.5	1.5
Min, Max	0.0, 20.0	0.0, 11.0
(Missing)	2 (<0.1%)	23 (0.8%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	213 (4.5%)	114 (3.7%)
Once a week	138 (2.9%)	103 (3.4%)
One to three times a month	170 (3.6%)	82 (2.7%)
A few times a year	297 (6.3%)	154 (5.1%)
Never	3,905 (82.6%)	2,589 (85.1%)
(Missing)	6 (0.1%)	2 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	866 (18.3%)	357 (11.7%)
Once a week	954 (20.2%)	327 (10.7%)
One to three times a month	378 (8.0%)	231 (7.6%)
A few times a year	458 (9.7%)	324 (10.7%)
Never	2,061 (43.6%)	1,805 (59.3%)
(Missing)	12 (0.3%)	0 (0.0%)
<i>Loneliness</i>		
Mean	3.9	3.4
Standard Deviation	3.7	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	10 (0.3%)
<i>Perceived discrimination, n (%)</i>		
Always	731 (15.5%)	564 (18.5%)
Often	1,492 (31.6%)	775 (25.5%)
Rarely	784 (16.6%)	506 (16.6%)
Never	1,656 (35.0%)	1,149 (37.7%)
(Missing)	66 (1.4%)	51 (1.7%)
<i>Hope</i>		
Mean	8.2	8.1
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.6%)	23 (0.7%)
<i>Gratitude</i>		
Mean	7.7	7.6
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0

Table S13b. Weighted summary statistics for exposure and outcome variables in Egypt

Outcome	Wave 1 N = 4,729	Wave 2 N = 3,044
(Missing)	49 (1.0%)	38 (1.2%)
<i>Showing love/care</i>		
Mean	8.2	8.3
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.2%)	6 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	2,723 (57.6%)	1,730 (56.8%)
Often	1,379 (29.2%)	824 (27.1%)
Rarely	429 (9.1%)	301 (9.9%)
Never	196 (4.1%)	182 (6.0%)
(Missing)	3 (0.1%)	7 (0.2%)
<i>Charitable giving, n (%)</i>		
Yes	2,689 (56.9%)	1,707 (56.1%)
No	2,007 (42.4%)	1,261 (41.4%)
(Missing)	33 (0.7%)	77 (2.5%)
<i>Helping strangers, n (%)</i>		
Yes	3,371 (71.3%)	2,202 (72.3%)
No	1,317 (27.8%)	773 (25.4%)
(Missing)	41 (0.9%)	69 (2.3%)
<i>Volunteering, n (%)</i>		
Yes	209 (4.4%)	259 (8.5%)
No	4,514 (95.4%)	2,769 (91.0%)
(Missing)	6 (0.1%)	16 (0.5%)
<i>Health problems, n (%)</i>		
Yes	1,164 (24.6%)	724 (23.8%)
No	3,551 (75.1%)	2,313 (76.0%)
(Missing)	14 (0.3%)	7 (0.2%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	1,703 (36.0%)	1,164 (38.2%)
Some	1,143 (24.2%)	695 (22.8%)
Not very much	769 (16.3%)	440 (14.5%)
None at all	1,109 (23.5%)	744 (24.4%)
(Missing)	5 (0.1%)	2 (0.1%)
<i>Number of drinks per week</i>		
Mean	0.0	0.0
Standard Deviation	0.2	0.3
Min, Max	0.0, 7.0	0.0, 20.0
(Missing)	35 (0.7%)	4 (0.1%)
<i>Days exercise per week</i>		
Mean	0.7	0.6
Standard Deviation	1.7	1.5
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	11 (0.2%)	5 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	2,625 (55.5%)	1,579 (51.9%)
9-15	1,508 (31.9%)	1,011 (33.2%)
16+	596 (12.6%)	454 (14.9%)
(Missing)	0 (<0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,262 (26.7%)	914 (30.0%)

Table S13b. Weighted summary statistics for exposure and outcome variables in Egypt

Outcome	Wave 1 N = 4,729	Wave 2 N = 3,044
Self-employed	884 (18.7%)	657 (21.6%)
Retired	236 (5.0%)	143 (4.7%)
Student	366 (7.7%)	113 (3.7%)
Homemaker	1,726 (36.5%)	1,094 (36.0%)
Unemployed and looking for a job	231 (4.9%)	72 (2.4%)
None of these/Other	21 (0.4%)	42 (1.4%)
(Missing)	4 (0.1%)	9 (0.3%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	328 (6.9%)	245 (8.0%)
Getting by on present income	2,355 (49.8%)	1,573 (51.7%)
Finding it difficult on present income	1,028 (21.7%)	642 (21.1%)
Finding it very difficult on present income	954 (20.2%)	571 (18.8%)
(Missing)	63 (1.3%)	13 (0.4%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	3,418 (72.3%)	2,144 (70.5%)
Someone in this household rents this home	1,051 (22.2%)	682 (22.4%)
Both	20 (0.4%)	12 (0.4%)
Neither	218 (4.6%)	201 (6.6%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	22 (0.5%)	4 (0.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	3,560 (75.3%)	2,264 (74.4%)
Often	723 (15.3%)	475 (15.6%)
Rarely	219 (4.6%)	148 (4.9%)
Never	219 (4.6%)	155 (5.1%)
(Missing)	8 (0.2%)	2 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	2,993 (63.3%)	1,960 (64.4%)
No	1,080 (22.8%)	714 (23.5%)
Unsure	633 (13.4%)	357 (11.7%)
(Missing)	23 (0.5%)	12 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,653 (35.0%)	1,101 (36.2%)
No	3,037 (64.2%)	1,923 (63.2%)
(Missing)	40 (0.8%)	20 (0.7%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	1,575 (33.3%)	1,076 (35.4%)
About once a day	1,152 (24.4%)	651 (21.4%)
Sometimes	1,604 (33.9%)	1,089 (35.8%)
Never	388 (8.2%)	222 (7.3%)
(Missing)	10 (0.2%)	5 (0.2%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	3,503 (74.1%)	2,312 (75.9%)
About once a day	207 (4.4%)	89 (2.9%)
Sometimes	929 (19.6%)	598 (19.6%)
Never	79 (1.7%)	44 (1.5%)
(Missing)	11 (0.2%)	1 (0.0%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	4,719 (99.8%)	3,043 (100.0%)

Table S13b. Weighted summary statistics for exposure and outcome variables in Egypt

Outcome	Wave 1 N = 4,729	Wave 2 N = 3,044
More than one god	0 (0%)	0 (0%)
An impersonal spiritual force	0 (0%)	0 (0%)
None of these	3 (0.1%)	0 (0%)
Unsure	0 (0%)	0 (0%)
(Missing)	8 (0.2%)	1 (0.0%)
<i>Religious centrality, n (%)</i>		
Agree	4,230 (89.4%)	2,750 (90.3%)
Disagree	232 (4.9%)	190 (6.3%)
Not relevant	50 (1.1%)	5 (0.2%)
Unsure	200 (4.2%)	98 (3.2%)
(Missing)	18 (0.4%)	0 (<0.0%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	4,592 (97.1%)	3,000 (98.6%)
Disagree	56 (1.2%)	27 (0.9%)
Not relevant	17 (0.4%)	1 (0.0%)
Unsure	46 (1.0%)	16 (0.5%)
(Missing)	18 (0.4%)	0 (0%)
<i>Feel loved by God, n (%)</i>		
Agree	4,631 (97.9%)	3,006 (98.8%)
Disagree	17 (0.4%)	7 (0.2%)
Not relevant	3 (0.1%)	1 (0.0%)
Unsure	67 (1.4%)	29 (1.0%)
(Missing)	12 (0.3%)	0 (0.0%)
<i>Feel punished by God, n (%)</i>		
Agree	4,126 (87.2%)	2,722 (89.4%)
Disagree	371 (7.8%)	240 (7.9%)
Not relevant	56 (1.2%)	8 (0.3%)
Unsure	149 (3.2%)	73 (2.4%)
(Missing)	27 (0.6%)	2 (0.1%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,360 (28.8%)	913 (30.0%)
Disagree	2,625 (55.5%)	1,868 (61.4%)
Not relevant	351 (7.4%)	97 (3.2%)
Unsure	376 (7.9%)	162 (5.3%)
(Missing)	17 (0.4%)	4 (0.1%)
<i>Faith-sharing, n (%)</i>		
Agree	1,968 (41.6%)	1,274 (41.9%)
Disagree	2,259 (47.8%)	1,594 (52.4%)
Not relevant	347 (7.3%)	114 (3.8%)
Unsure	135 (2.8%)	60 (2.0%)
(Missing)	21 (0.4%)	1 (0.0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S13c. Unweighted summary statistics for demographic and childhood variables in Egypt by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 1,675	Retained-Observed in Wave 2 N = 3,062
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	7 (0.4%)	0 (0%)
1943-1953 (current age: 70-79 years)	21 (1.2%)	31 (1.0%)
1953-1963 (current age: 60-69 years)	140 (8.3%)	249 (8.1%)
1963-1973 (current age: 50-59 years)	181 (10.8%)	389 (12.7%)
1973-1983 (current age: 40-49 years)	284 (16.9%)	532 (17.4%)
1983-1993 (current age: 30-39 years)	408 (24.3%)	733 (23.9%)
1993-1998 (current age: 25-29 years)	219 (13.1%)	384 (12.6%)
1998-2005 (current age: 18-24 years)	416 (24.8%)	743 (24.3%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	36.8	37.1
Standard Deviation	14.4	14.1
Min, Max	18.0, 85.0	18.0, 75.0
<i>Gender, n (%)</i>		
Male	816 (48.7%)	1,618 (52.8%)
Female	859 (51.3%)	1,444 (47.2%)
Other	0 (0%)	0 (0%)
(Missing)	0 (0%)	0 (0.0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	398 (23.8%)	680 (22.2%)
Married	1,134 (67.7%)	2,138 (69.8%)
Separated	16 (0.9%)	21 (0.7%)
Divorced	39 (2.3%)	60 (2.0%)
Widowed	78 (4.7%)	155 (5.1%)
Domestic partner	0 (0%)	0 (0%)
(Missing)	10 (0.6%)	7 (0.2%)
<i>Education (years), n (%)</i>		
Up to 8	948 (56.6%)	1,681 (54.9%)
9-15	509 (30.4%)	1,003 (32.8%)
16+	218 (13.0%)	378 (12.3%)
(Missing)	0 (0%)	0 (0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	424 (25.3%)	842 (27.5%)
Self-employed	333 (19.9%)	552 (18.0%)
Retired	79 (4.7%)	158 (5.1%)
Student	116 (6.9%)	251 (8.2%)
Homemaker	621 (37.1%)	1,106 (36.1%)
Unemployed and looking for a job	94 (5.6%)	137 (4.5%)
None of these/Other	5 (0.3%)	16 (0.5%)
(Missing)	3 (0.2%)	1 (0.0%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	322 (19.2%)	544 (17.8%)
Once a week	339 (20.2%)	617 (20.2%)
One to three times a month	140 (8.3%)	238 (7.8%)
A few times a year	112 (6.7%)	350 (11.4%)
Never	759 (45.3%)	1,304 (42.6%)
(Missing)	3 (0.2%)	9 (0.3%)
<i>Immigration status, n (%)</i>		

Table S13c. Unweighted summary statistics for demographic and childhood variables in Egypt by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 1,675	Retained-Observed in Wave 2 N = 3,062
Born in this country	1,665 (99.4%)	3,055 (99.8%)
Born in another country	9 (0.6%)	6 (0.2%)
(Missing)	0 (0.0%)	1 (0.0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	1,419 (84.7%)	2,639 (86.2%)
Parents were divorced	51 (3.0%)	85 (2.8%)
Parents were never married	8 (0.5%)	1 (0.0%)
One or both of them had died	173 (10.3%)	304 (9.9%)
Unsure	10 (0.6%)	23 (0.8%)
(Missing)	14 (0.9%)	11 (0.3%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	844 (50.4%)	1,468 (47.9%)
One to three times a month	178 (10.6%)	391 (12.8%)
Less than once a month	226 (13.5%)	404 (13.2%)
Never	407 (24.3%)	762 (24.9%)
(Missing)	20 (1.2%)	37 (1.2%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	1,450 (86.6%)	2,672 (87.3%)
Somewhat good	184 (11.0%)	318 (10.4%)
Somewhat bad	8 (0.5%)	12 (0.4%)
Very bad	6 (0.4%)	4 (0.1%)
(Does not apply)	27 (1.6%)	57 (1.9%)
(Missing)	0 (0%)	0 (0%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,329 (79.4%)	2,390 (78.1%)
Somewhat good	244 (14.6%)	444 (14.5%)
Somewhat bad	11 (0.6%)	48 (1.6%)
Very bad	9 (0.5%)	22 (0.7%)
(Does not apply)	78 (4.6%)	149 (4.9%)
(Missing)	4 (0.3%)	9 (0.3%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	84 (5.0%)	172 (5.6%)
No	1,589 (94.9%)	2,877 (94.0%)
(Missing)	1 (0.1%)	13 (0.4%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	139 (8.3%)	271 (8.9%)
No	1,519 (90.7%)	2,777 (90.7%)
(Missing)	16 (0.9%)	14 (0.5%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	979 (58.4%)	1,703 (55.6%)
Very good	403 (24.1%)	770 (25.2%)
Good	169 (10.1%)	333 (10.9%)
Fair	86 (5.2%)	185 (6.0%)
Poor	38 (2.3%)	69 (2.3%)
(Missing)	0 (0%)	1 (0.0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	437 (26.1%)	815 (26.6%)

Table S13c. Unweighted summary statistics for demographic and childhood variables in Egypt by retention status

Characteristic	Attriters-Not Observed in	Retained-Observed in
	Wave 2 N = 1,675	Wave 2 N = 3,062
Got by	854 (51.0%)	1,496 (48.9%)
Found it difficult	286 (17.1%)	579 (18.9%)
Found it very difficult	97 (5.8%)	172 (5.6%)
(Missing)	0 (0.0%)	0 (<0.0%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	41 (2.4%)	80 (2.6%)
Taoism	0 (0%)	0 (0.0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	0 (0%)	0 (0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	1,631 (97.4%)	2,981 (97.3%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	0 (0%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	1 (0.0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	0 (0%)	0 (0%)
(Missing)	3 (0.2%)	0 (0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S13d. Unweighted summary statistics for Wave 1 outcome variables in Egypt by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 3,062
<i>Secure flourishing index</i>		
Mean	7.3	7.3
Standard Deviation	1.5	1.5
Min, Max	1.6, 10.0	1.3, 10.0
(Missing)	82 (4.9%)	140 (4.6%)
<i>Flourishing index</i>		
Mean	7.6	7.6
Standard Deviation	1.5	1.5
Min, Max	1.7, 10.0	1.6, 10.0
(Missing)	81 (4.8%)	132 (4.3%)
<i>Happiness & life satisfaction</i>		
Mean	6.9	6.9
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (1.3%)	28 (0.9%)
<i>Physical & mental health</i>		
Mean	7.8	7.7
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.9%)	37 (1.2%)
<i>Meaning & purpose</i>		
Mean	8.0	8.0
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (1.2%)	30 (1.0%)
<i>Character & virtue</i>		
Mean	7.7	7.6
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	44 (2.6%)	64 (2.1%)
<i>Close social relationships</i>		
Mean	7.8	7.9
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.5%)	14 (0.4%)
<i>Financial & material security</i>		
Mean	5.7	5.7
Standard Deviation	3.1	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.7%)	10 (0.3%)
<i>Life satisfaction</i>		
Mean	7.7	7.7
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.6%)	19 (0.6%)
<i>Happiness</i>		
Mean	6.2	6.2
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0

Table S13d. Unweighted summary statistics for Wave 1 outcome variables in Egypt by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 3,062
(Missing)	11 (0.7%)	9 (0.3%)
<i>Self-rated physical health</i>		
Mean	6.9	6.8
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.2%)	12 (0.4%)
<i>Self-rated mental health</i>		
Mean	8.6	8.6
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.6%)	26 (0.8%)
<i>Understanding purpose</i>		
Mean	8.0	7.9
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (1.1%)	16 (0.5%)
<i>Meaningful activities</i>		
Mean	8.0	8.0
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.3%)	15 (0.5%)
<i>Orientation to promote good</i>		
Mean	8.3	8.3
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (1.7%)	34 (1.1%)
<i>Delayed gratification</i>		
Mean	7.0	6.9
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (1.4%)	35 (1.1%)
<i>Relationship contentment</i>		
Mean	7.9	8.0
Standard Deviation	2.8	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	7 (0.2%)
<i>Relationship satisfaction</i>		
Mean	7.8	7.8
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.5%)	7 (0.2%)
<i>Financial security</i>		
Mean	5.3	5.2
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.4%)	6 (0.2%)
<i>Material security</i>		
Mean	6.2	6.2
Standard Deviation	3.5	3.4

Table S13d. Unweighted summary statistics for Wave 1 outcome variables in Egypt by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 3,062
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.5%)	4 (0.1%)
<i>Current life evaluation</i>		
Mean	5.2	5.0
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.8%)	20 (0.6%)
<i>Future life evaluation</i>		
Mean	7.0	7.2
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	309 (18%)	518 (17%)
<i>Optimism</i>		
Mean	7.6	7.6
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (1.5%)	44 (1.4%)
<i>Freedom to pursue what's important</i>		
Mean	7.7	7.5
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.4%)	9 (0.3%)
<i>Inner peace, n (%)</i>		
Always	628 (37.5%)	1,107 (36.2%)
Often	800 (47.8%)	1,516 (49.5%)
Rarely	182 (10.8%)	317 (10.4%)
Never	63 (3.8%)	116 (3.8%)
(Missing)	2 (0.1%)	6 (0.2%)
<i>Life balance, n (%)</i>		
Always	450 (26.9%)	744 (24.3%)
Often	865 (51.7%)	1,700 (55.5%)
Rarely	272 (16.2%)	451 (14.7%)
Never	85 (5.1%)	157 (5.1%)
(Missing)	3 (0.2%)	11 (0.3%)
<i>Sense of mastery, n (%)</i>		
Always	798 (47.7%)	1,447 (47.3%)
Often	677 (40.4%)	1,295 (42.3%)
Rarely	141 (8.4%)	243 (7.9%)
Never	56 (3.4%)	74 (2.4%)
(Missing)	3 (0.2%)	3 (0.1%)
<i>Traumatic distress, n (%)</i>		
A lot	572 (34.1%)	1,128 (36.8%)
Some	271 (16.2%)	541 (17.7%)
Not very much	244 (14.5%)	446 (14.6%)
Not at all	582 (34.7%)	941 (30.7%)
(Missing)	6 (0.4%)	6 (0.2%)
<i>Depression symptoms composite, n (%)</i>	629 (37.8%)	1,117 (36.8%)
(Missing)	10 (0.6%)	26 (0.8%)
<i>Depression – feel hopeless, n (%)</i>		

Table S13d. Unweighted summary statistics for Wave 1 outcome variables in Egypt by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,675	N = 3,062
Nearly every day	235 (14.0%)	458 (15.0%)
More than half the days	228 (13.6%)	398 (13.0%)
Several days	599 (35.8%)	1,102 (36.0%)
Not at all	611 (36.5%)	1,098 (35.9%)
(Missing)	2 (0.1%)	5 (0.2%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	224 (13.4%)	428 (14.0%)
More than half the days	261 (15.6%)	508 (16.6%)
Several days	623 (37.2%)	1,132 (37.0%)
Not at all	558 (33.3%)	971 (31.7%)
(Missing)	9 (0.5%)	22 (0.7%)
<i>Anxiety symptoms composite, n (%)</i>	736 (44.0%)	1,351 (44.1%)
(Missing)	3 (0.2%)	2 (<0.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	413 (24.6%)	771 (25.2%)
More than half the days	252 (15.1%)	462 (15.1%)
Several days	602 (36.0%)	1,174 (38.3%)
Not at all	406 (24.3%)	654 (21.4%)
(Missing)	1 (0.1%)	1 (0.0%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	282 (16.8%)	544 (17.8%)
More than half the days	256 (15.3%)	425 (13.9%)
Several days	585 (34.9%)	1,130 (36.9%)
Not at all	550 (32.8%)	962 (31.4%)
(Missing)	2 (0.1%)	1 (0.0%)
<i>Suffering, n (%)</i>		
A lot	352 (21.0%)	675 (22.0%)
Some	469 (28.0%)	862 (28.2%)
Not very much	225 (13.4%)	469 (15.3%)
Not at all	628 (37.5%)	1,051 (34.3%)
(Missing)	0 (0.0%)	5 (0.2%)
<i>Social support</i>		
Mean	6.9	6.9
Standard Deviation	3.6	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.3%)	7 (0.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	1,465 (87.5%)	2,672 (87.3%)
No	207 (12.3%)	380 (12.4%)
(Missing)	2 (0.1%)	11 (0.4%)
<i>Government approval, n (%)</i>		
Strongly approve	0 (0%)	0 (0%)
Somewhat approve	0 (0%)	0 (0%)
Neither approve nor disapprove	0 (0%)	0 (0%)
Somewhat disapprove	0 (0%)	0 (0%)
Strongly disapprove	0 (0%)	0 (0%)
(Missing)	1,675 (100.0%)	3,062 (100.0%)
<i>Say in government, n (%)</i>		
Agree	830 (49.5%)	1,422 (46.4%)

Table S13d. Unweighted summary statistics for Wave 1 outcome variables in Egypt by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,675	N = 3,062
Disagree	365 (21.8%)	723 (23.6%)
Unsure	432 (25.8%)	856 (28.0%)
(Missing)	48 (2.8%)	62 (2.0%)
<i>Belonging in country</i>		
Mean	8.9	8.7
Standard Deviation	2.2	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.6%)	6 (0.2%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	1,285 (76.7%)	2,278 (74.4%)
Dissatisfied	356 (21.3%)	731 (23.9%)
Unsure	34 (2.0%)	50 (1.6%)
(Missing)	0 (0%)	3 (0.1%)
<i>Trust within country, n (%)</i>		
All people	109 (6.5%)	184 (6.0%)
Most people	312 (18.6%)	636 (20.8%)
Some people	471 (28.1%)	808 (26.4%)
Not very many people	456 (27.2%)	923 (30.1%)
None	294 (17.5%)	469 (15.3%)
(Missing)	33 (2.0%)	43 (1.4%)
<i>Number of children</i>		
Mean	1.7	1.7
Standard Deviation	1.7	1.4
Min, Max	0.0, 20.0	0.0, 8.0
(Missing)	0 (0%)	2 (<0.1%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	60 (3.6%)	154 (5.0%)
Once a week	38 (2.3%)	100 (3.3%)
One to three times a month	66 (3.9%)	103 (3.4%)
A few times a year	86 (5.1%)	213 (7.0%)
Never	1,419 (84.7%)	2,491 (81.3%)
(Missing)	6 (0.3%)	1 (0.0%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	322 (19.2%)	544 (17.8%)
Once a week	339 (20.2%)	617 (20.2%)
One to three times a month	140 (8.3%)	238 (7.8%)
A few times a year	112 (6.7%)	350 (11.4%)
Never	759 (45.3%)	1,304 (42.6%)
(Missing)	3 (0.2%)	9 (0.3%)
<i>Loneliness</i>		
Mean	3.9	3.8
Standard Deviation	3.7	3.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	1 (<0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	251 (15.0%)	481 (15.7%)
Often	525 (31.4%)	969 (31.7%)
Rarely	273 (16.3%)	513 (16.7%)
Never	594 (35.5%)	1,065 (34.8%)

Table S13d. Unweighted summary statistics for Wave 1 outcome variables in Egypt by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,675	N = 3,062
(Missing)	32 (1.9%)	34 (1.1%)
<i>Hope</i>		
Mean	8.2	8.2
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.8%)	16 (0.5%)
<i>Gratitude</i>		
Mean	7.8	7.7
Standard Deviation	2.5	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (1.1%)	31 (1.0%)
<i>Showing love/care</i>		
Mean	8.2	8.2
Standard Deviation	2.6	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.2%)	8 (0.3%)
<i>Forgivingness, n (%)</i>		
Always	973 (58.1%)	1,754 (57.3%)
Often	470 (28.1%)	912 (29.8%)
Rarely	159 (9.5%)	270 (8.8%)
Never	72 (4.3%)	124 (4.0%)
(Missing)	0 (0%)	3 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	944 (56.3%)	1,750 (57.2%)
No	717 (42.8%)	1,293 (42.2%)
(Missing)	14 (0.8%)	19 (0.6%)
<i>Helping strangers, n (%)</i>		
Yes	1,167 (69.7%)	2,212 (72.2%)
No	499 (29.8%)	817 (26.7%)
(Missing)	9 (0.5%)	33 (1.1%)
<i>Volunteering, n (%)</i>		
Yes	72 (4.3%)	137 (4.5%)
No	1,600 (95.5%)	2,921 (95.4%)
(Missing)	2 (0.1%)	4 (0.1%)
<i>Health problems, n (%)</i>		
Yes	403 (24.1%)	764 (24.9%)
No	1,263 (75.4%)	2,293 (74.9%)
(Missing)	8 (0.5%)	6 (0.2%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	595 (35.5%)	1,112 (36.3%)
Some	404 (24.1%)	740 (24.2%)
Not very much	277 (16.5%)	493 (16.1%)
None at all	397 (23.7%)	714 (23.3%)
(Missing)	2 (0.1%)	3 (0.1%)
<i>Number of drinks per week</i>		
Mean	0.0	0.0
Standard Deviation	0.1	0.3
Min, Max	0.0, 2.0	0.0, 7.0
(Missing)	11 (0.7%)	24 (0.8%)

Table S13d. Unweighted summary statistics for Wave 1 outcome variables in Egypt by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 3,062
<i>Days exercise per week</i>		
Mean	0.7	0.7
Standard Deviation	1.7	1.7
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	6 (0.4%)	5 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	948 (56.6%)	1,681 (54.9%)
9-15	509 (30.4%)	1,003 (32.8%)
16+	218 (13.0%)	378 (12.3%)
(Missing)	0 (0%)	0 (0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	424 (25.3%)	842 (27.5%)
Self-employed	333 (19.9%)	552 (18.0%)
Retired	79 (4.7%)	158 (5.1%)
Student	116 (6.9%)	251 (8.2%)
Homemaker	621 (37.1%)	1,106 (36.1%)
Unemployed and looking for a job	94 (5.6%)	137 (4.5%)
None of these/Other	5 (0.3%)	16 (0.5%)
(Missing)	3 (0.2%)	1 (0.0%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	133 (7.9%)	195 (6.4%)
Getting by on present income	863 (51.5%)	1,494 (48.8%)
Finding it difficult on present income	352 (21.0%)	679 (22.2%)
Finding it very difficult on present income	306 (18.3%)	652 (21.3%)
(Missing)	22 (1.3%)	42 (1.4%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,178 (70.4%)	2,248 (73.4%)
Someone in this household rents this home	411 (24.6%)	639 (20.9%)
Both	6 (0.4%)	14 (0.4%)
Neither	67 (4.0%)	153 (5.0%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	12 (0.7%)	10 (0.3%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,263 (75.4%)	2,303 (75.2%)
Often	269 (16.0%)	455 (14.8%)
Rarely	60 (3.6%)	161 (5.2%)
Never	80 (4.8%)	139 (4.6%)
(Missing)	4 (0.2%)	5 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	1,060 (63.3%)	1,938 (63.3%)
No	392 (23.4%)	690 (22.5%)
Unsure	212 (12.6%)	423 (13.8%)
(Missing)	11 (0.7%)	12 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	576 (34.4%)	1,080 (35.3%)
No	1,085 (64.8%)	1,956 (63.9%)
(Missing)	14 (0.8%)	26 (0.8%)

Table S13d. Unweighted summary statistics for Wave 1 outcome variables in Egypt by retention status.

Outcome	Attritons–NotRetained–Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 3,062
<i>Religious reading or listening, n (%)</i>		
More than once a day	581 (34.7%)	995 (32.5%)
About once a day	426 (25.4%)	727 (23.8%)
Sometimes	527 (31.5%)	1,082 (35.3%)
Never	138 (8.3%)	250 (8.2%)
(Missing)	3 (0.2%)	8 (0.2%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	1,209 (72.2%)	2,302 (75.2%)
About once a day	94 (5.6%)	112 (3.7%)
Sometimes	325 (19.4%)	606 (19.8%)
Never	38 (2.3%)	41 (1.3%)
(Missing)	9 (0.5%)	1 (0.0%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	1,668 (99.6%)	3,059 (99.9%)
More than one god	0 (0%)	0 (0%)
An impersonal spiritual force	0 (0%)	0 (0%)
None of these	0 (0%)	3 (0.1%)
Unsure	0 (0%)	0 (0%)
(Missing)	7 (0.4%)	0 (0.0%)
<i>Religious centrality, n (%)</i>		
Agree	1,501 (89.6%)	2,735 (89.3%)
Disagree	90 (5.4%)	142 (4.6%)
Not relevant	14 (0.9%)	36 (1.2%)
Unsure	62 (3.7%)	139 (4.5%)
(Missing)	8 (0.5%)	10 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,623 (96.9%)	2,977 (97.2%)
Disagree	20 (1.2%)	36 (1.2%)
Not relevant	5 (0.3%)	12 (0.4%)
Unsure	16 (0.9%)	31 (1.0%)
(Missing)	11 (0.6%)	7 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	1,630 (97.3%)	3,010 (98.3%)
Disagree	9 (0.5%)	8 (0.3%)
Not relevant	1 (0.0%)	2 (0.1%)
Unsure	28 (1.7%)	38 (1.3%)
(Missing)	8 (0.5%)	4 (0.1%)
<i>Feel punished by God, n (%)</i>		
Agree	1,454 (86.9%)	2,679 (87.5%)
Disagree	125 (7.5%)	247 (8.1%)
Not relevant	20 (1.2%)	36 (1.2%)
Unsure	61 (3.6%)	88 (2.9%)
(Missing)	14 (0.8%)	12 (0.4%)
<i>Experienced religious criticism, n (%)</i>		
Agree	465 (27.8%)	898 (29.3%)
Disagree	946 (56.5%)	1,682 (54.9%)
Not relevant	120 (7.2%)	232 (7.6%)
Unsure	134 (8.0%)	243 (7.9%)
(Missing)	9 (0.5%)	7 (0.2%)

Table S13d. Unweighted summary statistics for Wave 1 outcome variables in Egypt by retention status.

Outcome	Attritons–NotRetained–Observed in	
	Observed in Wave 2	Wave 2
	N = 1,675	N = 3,062
<i>Faith-sharing, n (%)</i>		
Agree	694 (41.5%)	1,277 (41.7%)
Disagree	810 (48.4%)	1,452 (47.4%)
Not relevant	107 (6.4%)	242 (7.9%)
Unsure	51 (3.1%)	83 (2.7%)
(Missing)	12 (0.7%)	8 (0.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S13e. Summary of fitted attrition model in Egypt

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.86	0.73, 1.02	0.083
Happiness & life satisfaction	1.01	0.92, 1.11	0.817
Physical & mental health	0.93	0.85, 1.01	0.098
Meaning & purpose	1.01	0.92, 1.10	0.893
Character & virtue	0.99	0.90, 1.08	0.779
Close social relationships	1.07	0.99, 1.17	0.102
Financial & material security	0.99	0.90, 1.09	0.821
Extraversion	0.95	0.88, 1.04	0.273
Openness to experience	1.04	0.96, 1.13	0.315
Agreeableness	0.97	0.89, 1.05	0.385
Conscientiousness	0.99	0.91, 1.08	0.842
Neuroticism	1.03	0.95, 1.12	0.447
Depression symptoms composite	0.99	0.92, 1.08	0.867
Anxiety symptoms composite	1.03	0.94, 1.12	0.568
Loneliness	0.99	0.90, 1.08	0.770
Days exercise per week	1.00	0.91, 1.09	0.916
Year of birth (age group)			
1983-1993 (current age: 30-39 years)	—	—	
1973-1983 (current age: 40-49 years)	0.99	0.80, 1.21	0.892
1998-2005 (current age: 18-24 years)	1.18	0.83, 1.67	0.359
1963-1973 (current age: 50-59 years)	1.08	0.83, 1.41	0.539
1993-1998 (current age: 25-29 years)	1.10	0.84, 1.43	0.484
1953-1963 (current age: 60-69 years)	0.98	0.65, 1.47	0.908
1943-1953 (current age: 70-79 years)	0.71	0.31, 1.62	0.409
1943 or earlier (current age: 80+ years)	0.00	0.00, 0.00	1.98e-29
Gender of respondent			
Female	—	—	
Male	1.52	1.17, 1.97	0.002
Marital status			
Married	—	—	
Single/Never been married	0.82	0.62, 1.08	0.159
Widowed	1.30	0.91, 1.87	0.143
Divorced	0.94	0.55, 1.59	0.808
Separated	0.78	0.35, 1.71	0.522
Employment status			
Homemaker	—	—	
Employed for an employer	0.85	0.63, 1.13	0.259
Self-employed	0.72	0.54, 0.96	0.026
Student	1.16	0.77, 1.74	0.469
Retired	0.92	0.53, 1.59	0.749
Unemployed and looking for a job	0.70	0.45, 1.08	0.107
None of these/Other	1.48	0.38, 5.80	0.565
Religious attendance			
Never	—	—	
Once a week	1.04	0.86, 1.26	0.680
More than once a week	0.98	0.79, 1.21	0.851
A few times a year	1.79	1.31, 2.45	4.93e-04
One to three times a month	1.05	0.77, 1.42	0.764
Educational attainment (16+ years)			
9-15	—	—	
Up to 8	1.12	0.87, 1.43	0.381
16+	1.04	0.77, 1.39	0.807

Table S13e. Summary of fitted attrition model in Egypt

Characteristic	Odds Ratio	95% CI	p-value
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.41	0.11, 1.52	0.177
Race plurality (prominent race/ethnic group [0] or not [1])	0.98	0.93, 1.05	0.590
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A large city</i>	1.08	0.87, 1.34	0.478
<i>A rural area or on a farm</i>	1.08	0.89, 1.31	0.413
<i>A suburb of a large city</i>	1.08	0.77, 1.53	0.637
Monthly household income			
<i>Egypt: 1,001 – 3,000 EGP</i>	—	—	
<i>Egypt: 3,001 – 5,000 EGP</i>	1.20	0.98, 1.47	0.073
<i>Egypt: 501 – 1,000 EGP</i>	0.99	0.76, 1.29	0.934
<i>Egypt: 5,001 – 7,000 EGP</i>	0.83	0.59, 1.15	0.257
<i>Egypt: 201 – 500 EGP</i>	0.73	0.48, 1.09	0.118
<i>(None/No household income)</i>	1.09	0.68, 1.74	0.712
<i>Egypt: 7,001 – 10,000 EGP</i>	0.84	0.53, 1.34	0.456
<i>Egypt: 200 EGP or less</i>	1.36	0.65, 2.86	0.408
<i>Egypt: 10,001 – 20,000 EGP</i>	2.41	0.90, 6.46	0.079
<i>Egypt: More than 20,000 EGP</i>	1.15	0.12, 10.9	0.898

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=4729; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S13f. Summary of principal components in Egypt

PC	Percent Explained by each PC	Cumulative Percent Explained
1	35.59	35.59
2	4.75	40.33
3	2.49	42.83
4	1.99	44.81
5	1.90	46.71
6	1.69	48.40
7	1.57	49.97
8	1.54	51.51
9	1.44	52.95
10	1.37	54.31
11	1.32	55.64
12	1.29	56.93
13	1.24	58.17
14	1.19	59.35
15	1.14	60.49
16	1.12	61.61
17	1.07	62.68
18	1.06	63.74
19	1.04	64.78
20	1.01	65.79

Notes. N=4729; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S13g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Egypt

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.49	(0.46,0.53)	0.02	2.22e-16***	0.32	(0.27,0.37)	0.03	2.22e-16***
Flourishing index	0.47	(0.43,0.51)	0.02	2.22e-16***	0.28	(0.22,0.33)	0.03	2.22e-16***
Happiness & life satisfaction	0.35	(0.31,0.39)	0.02	2.22e-16***	0.09	(0.04,0.14)	0.02	2.55e-04***
Physical & mental health	0.39	(0.34,0.43)	0.02	2.22e-16***	0.16	(0.12,0.21)	0.02	2.16e-13***
Meaning & purpose	0.33	(0.29,0.37)	0.02	2.22e-16***	0.13	(0.09,0.17)	0.02	1.19e-08***
Character & virtue	0.17	(0.13,0.22)	0.02	3.33e-16***	0.05	(0.01,0.09)	0.02	0.008*
Close social relationships	0.34	(0.29,0.38)	0.02	2.22e-16***	0.14	(0.10,0.18)	0.02	3.25e-10***
Financial & material security	0.33	(0.30,0.37)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	1.47e-05***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.28	(0.24,0.33)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	0.005*
Happiness (a)	0.31	(0.27,0.35)	0.02	2.22e-16***	0.05	(0.01,0.10)	0.02	0.024*
Self-rated physical health (b)	0.31	(0.27,0.35)	0.02	2.22e-16***	0.09	(0.05,0.14)	0.02	6.06e-05***
Self-rated mental health (b)	0.30	(0.26,0.34)	0.02	2.22e-16***	0.13	(0.10,0.17)	0.02	1.93e-11***
Understanding purpose (c)	0.26	(0.22,0.31)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	1.96e-05***
Meaningful activities (c)	0.28	(0.24,0.32)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	2.1e-05***
Orientation to promote good (d)	0.18	(0.14,0.22)	0.02	2.22e-16***	0.07	(0.03,0.10)	0.02	1.32e-04***
Delayed gratification (d)	0.11	(0.07,0.15)	0.02	3.43e-07***	0.02	(-0.02,0.05)	0.02	0.389
Relationship contentment (e)	0.31	(0.27,0.35)	0.02	2.22e-16***	0.13	(0.09,0.17)	0.02	1.32e-09***
Relationship satisfaction (e)	0.28	(0.23,0.32)	0.02	2.22e-16***	0.08	(0.04,0.13)	0.02	1.01e-04***
Financial security (f)	0.31	(0.27,0.35)	0.02	2.22e-16***	0.06	(0.02,0.11)	0.02	1.91e-03**
Material security (f)	0.28	(0.24,0.32)	0.02	2.22e-16***	0.04	(0.00,0.08)	0.02	0.041*
<i>Psychological Well-Being</i>								
Current life evaluation	0.26	(0.22,0.30)	0.02	2.22e-16***	0.05	(0.01,0.09)	0.02	0.015*
Future life evaluation	0.20	(0.15,0.24)	0.02	6.66e-16***	0.01	(-0.04,0.05)	0.02	0.763
Optimism	0.25	(0.21,0.29)	0.02	2.22e-16***	0.05	(0.01,0.08)	0.02	0.006*
Freedom to pursue what's important	0.27	(0.23,0.31)	0.02	2.22e-16***	0.07	(0.03,0.11)	0.02	8.66e-04**
Inner peace	0.07	(0.03,0.11)	0.02	1.04e-03**	-0.01	(-0.05,0.03)	0.02	0.677
Life balance	0.16	(0.12,0.20)	0.02	8.44e-15***	0.05	(0.01,0.08)	0.02	0.012*
Sense of mastery	0.12	(0.07,0.16)	0.02	4.33e-07***	0.04	(-0.00,0.08)	0.02	0.060
<i>Psychological Distress</i>								
Traumatic distress	-0.19	(-0.23,-0.16)	0.02	2.22e-16***	-0.03	(-0.07,-0.00)	0.02	0.046*
Depression symptoms composite	-0.31	(-0.35,-0.27)	0.02	2.22e-16***	-0.10	(-0.14,-0.07)	0.02	1.9e-08***
Depression – feel hopeless	-0.27	(-0.32,-0.23)	0.02	2.22e-16***	-0.05	(-0.10,-0.00)	0.02	0.034*
Depression – loss of interest	-0.23	(-0.27,-0.20)	0.02	2.22e-16***	-0.07	(-0.10,-0.03)	0.02	1.81e-04***
Anxiety symptoms composite	-0.25	(-0.28,-0.21)	0.02	2.22e-16***	-0.02	(-0.05,0.02)	0.02	0.283
Anxiety – feel on edge	-0.23	(-0.27,-0.20)	0.02	2.22e-16***	-0.00	(-0.04,0.04)	0.02	0.910
Anxiety – cannot stop worrying	-0.20	(-0.24,-0.17)	0.02	2.22e-16***	0.02	(-0.02,0.05)	0.02	0.301
Suffering	-0.17	(-0.21,-0.13)	0.02	2.22e-16***	-0.02	(-0.05,0.02)	0.02	0.363
<i>Social Well-Being</i>								
Social support	0.24	(0.20,0.28)	0.02	2.22e-16***	0.06	(0.02,0.09)	0.02	2.07e-03**
Intimate/close friend	0.03	(-0.01,0.07)	0.02	0.132	-0.02	(-0.05,0.01)	0.02	0.246
Government approval								
Say in government	0.05	(0.01,0.08)	0.02	0.009*	0.02	(-0.02,0.05)	0.02	0.340
Belonging in country	0.24	(0.20,0.29)	0.02	2.22e-16***	0.11	(0.07,0.15)	0.02	7.88e-07***
City/place satisfaction	0.09	(0.06,0.13)	0.02	1.36e-06***	0.03	(-0.01,0.06)	0.02	0.110
Trust within country	0.14	(0.10,0.18)	0.02	2.84e-13***	0.03	(-0.00,0.07)	0.02	0.051
<i>Social Participation</i>								
Ever been married	-0.07	(-0.16,0.03)	0.05	0.173	-0.01	(-0.10,0.08)	0.05	0.894
Currently divorced	-0.06	(-0.10,-0.03)	0.02	1.18e-03**	-0.02	(-0.06,0.01)	0.02	0.206
Number of children	-0.03	(-0.07,0.02)	0.02	0.216	-0.00	(-0.04,0.04)	0.02	0.909
Weekly+ community participation	0.01	(-0.03,0.04)	0.02	0.663	0.01	(-0.02,0.04)	0.02	0.622
Weekly+ religious attendance	0.03	(-0.00,0.07)	0.02	0.055	0.01	(-0.02,0.05)	0.02	0.361
<i>Social Distress</i>								
Loneliness	-0.21	(-0.26,-0.17)	0.02	2.22e-16***	-0.07	(-0.10,-0.03)	0.02	1.23e-04***
Perceived discrimination	-0.04	(-0.07,-0.00)	0.02	0.048*	-0.01	(-0.04,0.02)	0.02	0.546
<i>Character & Prosocial Behavior</i>								
Hope	0.28	(0.24,0.33)	0.02	2.22e-16***	0.10	(0.06,0.14)	0.02	1.07e-05***
Gratitude	0.20	(0.16,0.23)	0.02	2.22e-16***	0.05	(0.02,0.09)	0.02	3.39e-03**
Showing love/care	0.21	(0.17,0.26)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	9.7e-06***
Forgivingness	0.05	(0.01,0.09)	0.02	0.007*	0.01	(-0.02,0.05)	0.02	0.426
Charitable giving	0.07	(0.03,0.11)	0.02	4.22e-04***	0.02	(-0.02,0.05)	0.02	0.377
Helping strangers	0.06	(0.02,0.10)	0.02	1.72e-03**	0.03	(-0.01,0.06)	0.02	0.149
Volunteering	0.03	(-0.00,0.06)	0.02	0.085	0.03	(0.00,0.05)	0.01	0.049*
<i>Physical Health & Health Behavior</i>								
Health problems	-0.18	(-0.23,-0.14)	0.02	2.22e-16***	-0.07	(-0.11,-0.04)	0.02	9.42e-05***
Pain in past 4 weeks	-0.17	(-0.20,-0.13)	0.02	2.22e-16***	-0.01	(-0.04,0.02)	0.02	0.528
Daily smoker	-0.06	(-0.11,-0.01)	0.03	0.022*	-0.02	(-0.06,0.02)	0.02	0.389
Number of drinks per week	-0.00	(-0.04,0.03)	0.02	0.800	0.01	(-0.02,0.04)	0.02	0.661
Days exercise per week	0.04	(0.01,0.08)	0.02	0.025*	0.01	(-0.02,0.05)	0.02	0.497
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.12	(0.09,0.16)	0.02	1.98e-11***	0.04	(0.01,0.07)	0.02	0.023*
Currently employed	0.00	(-0.04,0.04)	0.02	0.997	0.01	(-0.03,0.05)	0.02	0.646
Financially comfortable/getting by	0.21	(0.18,0.25)	0.02	2.22e-16***	0.07	(0.03,0.10)	0.02	1.53e-04***
Own home	0.08	(0.04,0.12)	0.02	1.22e-04***	0.02	(-0.02,0.06)	0.02	0.313
Income – top quintile	0.04	(-0.00,0.08)	0.02	0.071	0.01	(-0.03,0.04)	0.02	0.652
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.02	(-0.02,0.06)	0.02	0.441	-0.01	(-0.05,0.03)	0.02	0.537
Belief in life after death	0.02	(-0.01,0.06)	0.02	0.211	0.00	(-0.03,0.03)	0.02	0.989
Transformative religious experience	-0.05	(-0.09,-0.01)	0.02	0.008*	-0.01	(-0.05,0.02)	0.02	0.541
Religious reading or listening	0.09	(0.05,0.13)	0.02	1.91e-06***	0.07	(0.03,0.10)	0.02	6.31e-05***
Prayer or meditation	0.09	(0.05,0.14)	0.02	2.06e-05***	0.02	(-0.02,0.06)	0.02	0.428
Belief in God/gods/spiritual forces								
Religious centrality	0.03	(-0.00,0.06)	0.02	0.090	0.01	(-0.02,0.04)	0.02	0.420
Religious/spiritual comfort	0.04	(0.00,0.08)	0.02	0.037*	0.03	(-0.01,0.07)	0.02	0.091
Feel loved by God	0.06	(0.02,0.10)	0.02	0.006*	0.03	(-0.00,0.07)	0.02	0.060
Feel punished by God	-0.01	(-0.04,0.03)	0.02	0.786	-0.01	(-0.04,0.02)	0.02	0.644
Experienced religious criticism	-0.07	(-0.11,-0.03)	0.02	5.54e-04***	-0.02	(-0.06,0.01)	0.02	0.207
Faith-sharing	-0.00	(-0.04,0.03)	0.02	0.978	0.02	(-0.01,0.05)	0.02	0.221

Notes. N=4729; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S13h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Egypt using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.44	(0.39,0.48)	0.02	2.22e-16***	0.27	(0.21,0.34)	0.03	4.44e-16***
Flourishing index	0.42	(0.37,0.47)	0.02	2.22e-16***	0.25	(0.19,0.31)	0.03	3.71e-14***
Happiness & life satisfaction	0.31	(0.26,0.36)	0.02	2.22e-16***	0.08	(0.02,0.13)	0.03	0.012*
Physical & mental health	0.34	(0.29,0.40)	0.03	2.22e-16***	0.16	(0.10,0.21)	0.03	4.49e-08***
Meaning & purpose	0.30	(0.25,0.34)	0.02	2.22e-16***	0.11	(0.07,0.16)	0.02	3.95e-06***
Character & virtue	0.16	(0.11,0.21)	0.02	1.42e-10***	0.05	(0.00,0.09)	0.02	0.035*
Close social relationships	0.30	(0.25,0.35)	0.03	2.22e-16***	0.13	(0.07,0.18)	0.03	4.49e-06***
Financial & material security	0.28	(0.23,0.32)	0.02	2.22e-16***	0.06	(0.01,0.11)	0.02	0.010*
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.25	(0.20,0.30)	0.02	2.22e-16***	0.05	(-0.01,0.10)	0.03	0.081
Happiness (a)	0.27	(0.22,0.32)	0.03	2.22e-16***	0.05	(-0.01,0.11)	0.03	0.110
Self-rated physical health (b)	0.28	(0.22,0.33)	0.03	2.22e-16***	0.09	(0.03,0.15)	0.03	3.15e-03**
Self-rated mental health (b)	0.27	(0.21,0.32)	0.03	2.22e-16***	0.13	(0.09,0.18)	0.02	5.74e-08***
Understanding purpose (c)	0.22	(0.17,0.27)	0.03	2.22e-16***	0.07	(0.02,0.11)	0.02	2.85e-03**
Meaningful activities (c)	0.27	(0.22,0.31)	0.02	2.22e-16***	0.09	(0.04,0.14)	0.03	3.95e-04***
Orientation to promote good (d)	0.16	(0.11,0.21)	0.03	2.87e-10***	0.06	(0.01,0.10)	0.02	0.012*
Delayed gratification (d)	0.10	(0.05,0.14)	0.02	1.29e-05***	0.02	(-0.02,0.06)	0.02	0.367
Relationship contentment (e)	0.27	(0.22,0.32)	0.03	2.22e-16***	0.12	(0.07,0.16)	0.02	2.14e-06***
Relationship satisfaction (e)	0.24	(0.19,0.29)	0.03	2.22e-16***	0.07	(0.02,0.12)	0.03	4.92e-03**
Financial security (f)	0.26	(0.22,0.30)	0.02	2.22e-16***	0.04	(-0.00,0.09)	0.02	0.054
Material security (f)	0.23	(0.18,0.28)	0.02	2.22e-16***	0.02	(-0.03,0.07)	0.02	0.457
<i>Psychological Well-Being</i>								
Current life evaluation	0.24	(0.19,0.28)	0.02	2.22e-16***	0.05	(0.00,0.11)	0.03	0.035*
Future life evaluation	0.18	(0.12,0.23)	0.03	4.7e-10***	0.01	(-0.05,0.06)	0.03	0.781
Optimism	0.22	(0.17,0.27)	0.02	2.22e-16***	0.04	(-0.01,0.08)	0.02	0.093
Freedom to pursue what's important	0.23	(0.18,0.28)	0.02	2.22e-16***	0.05	(0.00,0.10)	0.02	0.030*
Inner peace	0.05	(0.00,0.10)	0.02	0.035*	-0.01	(-0.06,0.03)	0.02	0.541
Life balance	0.15	(0.10,0.19)	0.02	5.17e-10***	0.05	(0.00,0.10)	0.02	0.040*
Sense of mastery	0.10	(0.05,0.16)	0.03	3.49e-04***	0.03	(-0.02,0.08)	0.03	0.246
<i>Psychological Distress</i>								
Traumatic distress	-0.18	(-0.23,-0.14)	0.02	8.88e-16***	-0.05	(-0.09,-0.00)	0.02	0.030*
Depression symptoms composite	-0.29	(-0.34,-0.25)	0.02	2.22e-16***	-0.10	(-0.15,-0.06)	0.02	5.68e-06***
Depression – feel hopeless	-0.26	(-0.31,-0.20)	0.03	2.22e-16***	-0.05	(-0.11,0.02)	0.03	0.142
Depression – loss of interest	-0.23	(-0.28,-0.18)	0.02	2.22e-16***	-0.07	(-0.11,-0.02)	0.02	4.8e-03**
Anxiety symptoms composite	-0.23	(-0.27,-0.19)	0.02	2.22e-16***	-0.01	(-0.06,0.03)	0.02	0.647
Anxiety – feel on edge	-0.22	(-0.27,-0.18)	0.02	2.22e-16***	0.01	(-0.04,0.05)	0.02	0.775
Anxiety – cannot stop worrying	-0.18	(-0.23,-0.14)	0.02	6.66e-16***	0.03	(-0.01,0.08)	0.02	0.160
Suffering	-0.15	(-0.19,-0.11)	0.02	4.49e-14***	-0.02	(-0.05,0.02)	0.02	0.322
<i>Social Well-Being</i>								
Social support	0.22	(0.17,0.26)	0.02	2.22e-16***	0.05	(0.01,0.10)	0.02	0.018*
Intimate/close friend	0.03	(-0.02,0.07)	0.02	0.217	-0.03	(-0.06,0.01)	0.02	0.189
Government approval								
Say in government	0.03	(-0.02,0.07)	0.02	0.235	0.01	(-0.03,0.05)	0.02	0.634
Belonging in country	0.24	(0.19,0.30)	0.03	2.22e-16***	0.11	(0.05,0.17)	0.03	1.33e-04***
City/place satisfaction	0.08	(0.04,0.12)	0.02	8.16e-05***	0.02	(-0.02,0.05)	0.02	0.370
Trust within country	0.12	(0.07,0.17)	0.02	9.12e-07***	0.02	(-0.02,0.07)	0.02	0.296
<i>Social Participation</i>								
Ever been married	-0.10	(-0.21,0.02)	0.06	0.108	-0.05	(-0.17,0.06)	0.06	0.378
Currently divorced	-0.07	(-0.12,-0.03)	0.02	9.59e-04**	-0.05	(-0.10,-0.01)	0.02	0.026*
Number of children	-0.01	(-0.06,0.05)	0.03	0.855	0.02	(-0.03,0.07)	0.03	0.336
Weekly+ community participation	-0.01	(-0.05,0.03)	0.02	0.503	-0.00	(-0.04,0.03)	0.02	0.833
Weekly+ religious attendance	0.02	(-0.02,0.07)	0.02	0.275	0.02	(-0.02,0.05)	0.02	0.407
<i>Social Distress</i>								
Loneliness	-0.19	(-0.24,-0.14)	0.03	8.71e-13***	-0.05	(-0.10,-0.01)	0.02	0.014*
Perceived discrimination	-0.05	(-0.09,-0.00)	0.02	0.039*	-0.01	(-0.04,0.03)	0.02	0.687
<i>Character & Prosocial Behavior</i>								
Hope	0.25	(0.19,0.30)	0.03	2.22e-16***	0.08	(0.03,0.14)	0.03	3.93e-03**
Gratitude	0.18	(0.13,0.23)	0.02	7.23e-14***	0.04	(-0.00,0.09)	0.02	0.077
Showing love/care	0.20	(0.15,0.25)	0.03	1.52e-13***	0.09	(0.04,0.14)	0.02	1.68e-04***
Forgivingness	0.04	(-0.00,0.08)	0.02	0.072	0.01	(-0.03,0.05)	0.02	0.507
Charitable giving	0.07	(0.03,0.12)	0.02	1.19e-03**	0.02	(-0.02,0.05)	0.02	0.405
Helping strangers	0.06	(0.01,0.11)	0.02	0.013*	0.02	(-0.02,0.06)	0.02	0.389
Volunteering	0.01	(-0.03,0.05)	0.02	0.490	0.02	(-0.01,0.05)	0.02	0.109
<i>Physical Health & Health Behavior</i>								
Health problems	-0.16	(-0.21,-0.11)	0.03	2.58e-09***	-0.07	(-0.12,-0.03)	0.02	5.9e-04***
Pain in past 4 weeks	-0.16	(-0.19,-0.12)	0.02	2.22e-16***	-0.02	(-0.05,0.02)	0.02	0.422
Daily smoker	-0.05	(-0.10,0.01)	0.03	0.092	-0.03	(-0.08,0.02)	0.03	0.304
Number of drinks per week	-0.01	(-0.05,0.04)	0.02	0.747	0.01	(-0.03,0.05)	0.02	0.768
Days exercise per week	0.03	(-0.02,0.07)	0.02	0.260	0.01	(-0.03,0.05)	0.02	0.618
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.12	(0.08,0.16)	0.02	1.4e-09***	0.04	(0.01,0.08)	0.02	0.013*
Currently employed	0.00	(-0.04,0.05)	0.02	0.853	0.01	(-0.03,0.05)	0.02	0.499
Financially comfortable/getting by	0.19	(0.15,0.24)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	2.82e-03**
Own home	0.07	(0.03,0.12)	0.02	2.33e-03**	0.01	(-0.03,0.06)	0.02	0.560
Income – top quintile	0.03	(-0.03,0.09)	0.03	0.288	0.00	(-0.05,0.06)	0.03	0.871
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.01	(-0.04,0.07)	0.03	0.565	-0.02	(-0.06,0.03)	0.02	0.446
Belief in life after death	0.00	(-0.04,0.04)	0.02	0.973	-0.02	(-0.06,0.01)	0.02	0.203
Transformative religious experience	-0.04	(-0.09,0.00)	0.02	0.072	-0.01	(-0.06,0.03)	0.02	0.503
Religious reading or listening	0.09	(0.04,0.13)	0.02	2.34e-04***	0.07	(0.03,0.11)	0.02	6.35e-04***
Prayer or meditation	0.06	(0.02,0.11)	0.02	0.008*	0.01	(-0.04,0.05)	0.02	0.789
Belief in God/gods/spiritual forces								
Religious centrality	0.01	(-0.03,0.05)	0.02	0.549	0.01	(-0.03,0.04)	0.02	0.695
Religious/spiritual comfort	0.03	(-0.01,0.08)	0.02	0.156	0.02	(-0.02,0.06)	0.02	0.361
Feel loved by God	0.05	(0.01,0.09)	0.02	0.014*	0.03	(-0.01,0.07)	0.02	0.135
Feel punished by God	-0.01	(-0.05,0.03)	0.02	0.489	-0.02	(-0.05,0.02)	0.02	0.341
Experienced religious criticism	-0.09	(-0.14,-0.04)	0.03	9.07e-04**	-0.04	(-0.09,0.01)	0.02	0.110
Faith-sharing	-0.01	(-0.05,0.03)	0.02	0.698	0.01	(-0.03,0.04)	0.02	0.619

Notes. N=3040; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S13i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Egypt

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.03	1.96	1.72	1.62	1.93	1.84	1.64	1.52
Flourishing index	2.00	1.93	1.66	1.56	1.92	1.83	1.61	1.49
Happiness & life satisfaction	1.54	1.49	1.22	1.14	1.49	1.44	1.20	1.09
Physical & mental health	1.67	1.62	1.37	1.30	1.62	1.55	1.36	1.27
Meaning & purpose	1.60	1.54	1.31	1.24	1.56	1.49	1.29	1.21
Character & virtue	1.38	1.32	1.18	1.08	1.36	1.28	1.17	1.04
Close social relationships	1.54	1.49	1.30	1.24	1.49	1.43	1.28	1.20
Financial & material security	1.44	1.41	1.20	1.14	1.39	1.35	1.16	1.07
Individual Flourishing Index Items								
Life satisfaction	1.42	1.37	1.16	1.08	1.38	1.33	1.14	1.00
Happiness	1.43	1.39	1.15	1.05	1.40	1.35	1.14	1.00
Self-rated physical health	1.45	1.40	1.21	1.14	1.41	1.35	1.20	1.11
Self-rated mental health	1.53	1.48	1.31	1.25	1.50	1.43	1.31	1.24
Understanding purpose	1.44	1.39	1.22	1.16	1.38	1.32	1.19	1.10
Meaningful activities	1.46	1.41	1.23	1.16	1.44	1.39	1.22	1.14
Orientation to promote good	1.38	1.32	1.20	1.13	1.35	1.28	1.18	1.08
Delayed gratification	1.22	1.16	1.07	1.00	1.21	1.15	1.08	1.00
Relationship contentment	1.46	1.41	1.26	1.20	1.42	1.37	1.24	1.18
Relationship satisfaction	1.43	1.39	1.20	1.14	1.39	1.34	1.19	1.10
Financial security	1.39	1.36	1.15	1.09	1.35	1.31	1.12	1.00
Material security	1.37	1.33	1.12	1.02	1.32	1.27	1.07	1.00
Psychological Well-Being								
Current life evaluation	1.39	1.35	1.14	1.06	1.37	1.32	1.15	1.04
Future life evaluation	1.33	1.28	1.05	1.00	1.31	1.25	1.05	1.00
Optimism	1.41	1.36	1.15	1.08	1.37	1.32	1.13	1.00
Freedom to pursue what's important	1.41	1.37	1.17	1.11	1.37	1.31	1.15	1.04
Inner peace	1.69	1.37	1.17	1.00	1.55	1.11	1.23	1.00
Life balance	2.20	1.94	1.47	1.18	2.15	1.83	1.48	1.08
Sense of mastery	2.17	1.77	1.47	1.00	2.05	1.56	1.40	1.00
Psychological Distress								
Traumatic distress	2.19	1.99	1.33	1.04	2.14	1.89	1.40	1.10
Depression symptoms composite	2.98	2.72	1.71	1.52	2.86	2.55	1.73	1.48
Depression – feel hopeless	2.86	2.55	1.45	1.10	2.75	2.38	1.42	1.00
Depression – loss of interest	2.55	2.31	1.55	1.34	2.52	2.22	1.53	1.25
Anxiety symptoms composite	2.53	2.32	1.23	1.00	2.41	2.16	1.16	1.00
Anxiety – feel on edge	2.46	2.25	1.07	1.00	2.39	2.14	1.12	1.00
Anxiety – cannot stop worrying	2.35	2.13	1.23	1.00	2.22	1.95	1.33	1.00
Suffering	2.06	1.85	1.20	1.00	1.98	1.77	1.22	1.00
Social Well-Being								
Social support	1.32	1.28	1.14	1.08	1.30	1.26	1.13	1.05
Intimate/close friend	1.39	1.00	1.30	1.00	1.36	1.00	1.36	1.00
Government approval								
Say in government	1.40	1.17	1.20	1.00	1.27	1.00	1.15	1.00
Belonging in country	1.43	1.38	1.25	1.19	1.42	1.35	1.25	1.16
City/place satisfaction	1.73	1.50	1.30	1.00	1.65	1.40	1.23	1.00
Trust within country	1.92	1.72	1.33	1.00	1.81	1.55	1.25	1.00
Social Participation								
Ever been married	1.58	1.00	1.13	1.00	1.76	1.00	1.48	1.00
Currently divorced	2.35	1.63	1.60	1.00	2.55	1.71	2.10	1.24
Number of children	1.15	1.00	1.04	1.00	1.06	1.00	1.14	1.00
Weekly+ community participation	1.19	1.00	1.19	1.00	1.26	1.00	1.13	1.00
Weekly+ religious attendance	1.33	1.00	1.20	1.00	1.27	1.00	1.21	1.00
Social Distress								
Loneliness	1.29	1.25	1.15	1.10	1.27	1.22	1.13	1.05
Perceived discrimination	1.35	1.03	1.15	1.00	1.39	1.07	1.13	1.00
Character & Prosocial Behavior								
Hope	1.46	1.42	1.24	1.17	1.42	1.36	1.21	1.11
Gratitude	1.35	1.31	1.16	1.09	1.33	1.27	1.14	1.00
Showing love/care	1.36	1.31	1.21	1.15	1.34	1.28	1.21	1.14
Forgivingness	1.57	1.24	1.23	1.00	1.45	1.00	1.23	1.00
Charitable giving	1.54	1.31	1.20	1.00	1.55	1.30	1.21	1.00
Helping strangers	1.53	1.28	1.30	1.00	1.51	1.19	1.24	1.00
Volunteering	1.53	1.00	1.49	1.04	1.33	1.00	1.47	1.00
Physical Health & Health Behavior								
Health problems	2.32	2.03	1.61	1.37	2.13	1.81	1.61	1.34
Pain in past 4 weeks	2.06	1.88	1.16	1.00	2.03	1.83	1.20	1.00
Daily smoker	1.52	1.15	1.25	1.00	1.45	1.00	1.31	1.00
Number of drinks per week	1.16	1.00	1.21	1.00	1.19	1.00	1.17	1.00
Days exercise per week	1.17	1.06	1.09	1.00	1.14	1.00	1.08	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	2.16	1.87	1.46	1.14	2.14	1.82	1.50	1.19
Currently employed	1.01	1.00	1.14	1.00	1.10	1.00	1.18	1.00
Financially comfortable/getting by	2.33	2.12	1.53	1.32	2.20	1.96	1.50	1.25
Own home	1.62	1.38	1.25	1.00	1.59	1.29	1.20	1.00
Income – top quintile	1.40	1.00	1.16	1.00	1.36	1.00	1.11	1.00
Religion & Spirituality								
Religious/spiritual connection	1.28	1.00	1.23	1.00	1.27	1.00	1.29	1.00
Belief in life after death	1.26	1.00	1.02	1.00	1.04	1.00	1.26	1.00
Transformative religious experience	1.45	1.20	1.17	1.00	1.39	1.00	1.19	1.00
Religious reading or listening	1.64	1.44	1.52	1.33	1.61	1.36	1.53	1.30
Prayer or meditation	1.77	1.49	1.23	1.00	1.56	1.23	1.13	1.00
Belief in God/gods/spiritual forces								
Religious centrality	1.41	1.00	1.23	1.00	1.23	1.00	1.17	1.00
Religious/spiritual comfort	1.88	1.14	1.69	1.00	1.71	1.00	1.50	1.00
Feel loved by God	2.30	1.48	1.84	1.00	2.21	1.36	1.77	1.00
Feel punished by God	1.14	1.00	1.16	1.00	1.25	1.00	1.26	1.00
Experienced religious criticism	1.57	1.32	1.28	1.00	1.66	1.36	1.37	1.00
Faith-sharing	1.03	1.00	1.24	1.00	1.14	1.00	1.15	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S14a. Weighted summary statistics for demographic and childhood variables in Germany

Characteristic	Wave 1 N = 9,506	Wave 2 N = 5,586
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	179 (1.9%)	132 (2.4%)
1943-1953 (current age: 70-79 years)	1,085 (11.4%)	713 (12.8%)
1953-1963 (current age: 60-69 years)	1,857 (19.5%)	1,060 (19.0%)
1963-1973 (current age: 50-59 years)	1,746 (18.4%)	1,005 (18.0%)
1973-1983 (current age: 40-49 years)	1,495 (15.7%)	882 (15.8%)
1983-1993 (current age: 30-39 years)	1,406 (14.8%)	856 (15.3%)
1993-1998 (current age: 25-29 years)	775 (8.2%)	488 (8.7%)
1998-2005 (current age: 18-24 years)	963 (10.1%)	449 (8.0%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	49.1	50.0
Standard Deviation	17.3	17.3
Min, Max	18.0, 99.0	19.0, 99.0
<i>Gender, n (%)</i>		
Male	4,623 (48.6%)	2,706 (48.4%)
Female	4,859 (51.1%)	2,868 (51.3%)
Other	12 (0.1%)	6 (0.1%)
(Missing)	11 (0.1%)	6 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	2,682 (28.2%)	1,557 (27.9%)
Married	4,768 (50.2%)	2,819 (50.5%)
Separated	214 (2.3%)	104 (1.9%)
Divorced	741 (7.8%)	464 (8.3%)
Widowed	397 (4.2%)	221 (4.0%)
Domestic partner	631 (6.6%)	372 (6.7%)
(Missing)	74 (0.8%)	48 (0.9%)
<i>Education (years), n (%)</i>		
Up to 8	232 (2.4%)	105 (1.9%)
9-15	6,219 (65.4%)	3,543 (63.4%)
16+	3,043 (32.0%)	1,936 (34.7%)
(Missing)	12 (0.1%)	1 (0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	5,023 (52.8%)	2,944 (52.7%)
Self-employed	717 (7.5%)	362 (6.5%)
Retired	2,352 (24.7%)	1,446 (25.9%)
Student	653 (6.9%)	330 (5.9%)
Homemaker	247 (2.6%)	141 (2.5%)
Unemployed and looking for a job	288 (3.0%)	178 (3.2%)
None of these/Other	211 (2.2%)	128 (2.3%)
(Missing)	15 (0.2%)	56 (1.0%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	282 (3.0%)	149 (2.7%)
Once a week	425 (4.5%)	251 (4.5%)
One to three times a month	551 (5.8%)	366 (6.6%)
A few times a year	2,350 (24.7%)	2,107 (37.7%)
Never	5,888 (61.9%)	2,702 (48.4%)
(Missing)	10 (0.1%)	11 (0.2%)
<i>Immigration status, n (%)</i>		
Born in this country	8,724 (91.8%)	5,123 (91.7%)

Table S14a. Weighted summary statistics for demographic and childhood variables in Germany

Characteristic	Wave 1 N = 9,506	Wave 2 N = 5,586
Born in another country	742 (7.8%)	436 (7.8%)
(Missing)	40 (0.4%)	27 (0.5%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	7,606 (80.0%)	4,523 (81.0%)
Parents were divorced	931 (9.8%)	542 (9.7%)
Parents were never married	588 (6.2%)	340 (6.1%)
One or both of them had died	245 (2.6%)	128 (2.3%)
Unsure	66 (0.7%)	33 (0.6%)
(Missing)	70 (0.7%)	20 (0.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,929 (20.3%)	1,118 (20.0%)
One to three times a month	1,892 (19.9%)	1,148 (20.6%)
Less than once a month	2,904 (30.5%)	1,714 (30.7%)
Never	2,754 (29.0%)	1,592 (28.5%)
(Missing)	27 (0.3%)	15 (0.3%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	5,510 (58.0%)	3,159 (56.6%)
Somewhat good	3,009 (31.6%)	1,811 (32.4%)
Somewhat bad	502 (5.3%)	318 (5.7%)
Very bad	185 (1.9%)	110 (2.0%)
(Does not apply)	247 (2.6%)	146 (2.6%)
(Missing)	54 (0.6%)	42 (0.8%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	4,668 (49.1%)	2,697 (48.3%)
Somewhat good	3,003 (31.6%)	1,795 (32.1%)
Somewhat bad	837 (8.8%)	513 (9.2%)
Very bad	385 (4.0%)	234 (4.2%)
(Does not apply)	540 (5.7%)	303 (5.4%)
(Missing)	73 (0.8%)	43 (0.8%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,127 (11.9%)	685 (12.3%)
No	8,242 (86.7%)	4,819 (86.3%)
(Missing)	137 (1.4%)	82 (1.5%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	1,079 (11.4%)	684 (12.2%)
No	8,329 (87.6%)	4,868 (87.2%)
(Missing)	97 (1.0%)	34 (0.6%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,662 (28.0%)	1,532 (27.4%)
Very good	3,534 (37.2%)	2,078 (37.2%)
Good	2,543 (26.8%)	1,529 (27.4%)
Fair	609 (6.4%)	350 (6.3%)
Poor	133 (1.4%)	78 (1.4%)
(Missing)	26 (0.3%)	19 (0.3%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	3,204 (33.7%)	1,845 (33.0%)
Got by	4,500 (47.3%)	2,652 (47.5%)
Found it difficult	1,460 (15.4%)	874 (15.6%)
Found it very difficult	315 (3.3%)	192 (3.4%)
(Missing)	26 (0.3%)	23 (0.4%)

Table S14a. Weighted summary statistics for demographic and childhood variables in Germany

Characteristic	Wave 1 N = 9,506	Wave 2 N = 5,586
<i>Religious affiliation growing up, n (%)</i>		
Christianity	5,735 (60.3%)	3,496 (62.6%)
Taoism	0 (0%)	0 (0%)
Confucianism	4 (0.0%)	6 (0.1%)
Primal, Animist, or Folk religion	19 (0.2%)	16 (0.3%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	359 (3.8%)	152 (2.7%)
Hinduism	15 (0.2%)	12 (0.2%)
Buddhism	26 (0.3%)	8 (0.1%)
Judaism	18 (0.2%)	7 (0.1%)
Sikhism	5 (0.1%)	6 (0.1%)
Baha'i	2 (0.0%)	1 (0.0%)
Jainism	1 (0.0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	68 (0.7%)	42 (0.8%)
No religion/Atheist/Agnostic	3,168 (33.3%)	1,784 (31.9%)
(Missing)	86 (0.9%)	55 (1.0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S14b. Weighted summary statistics for exposure and outcome variables in Germany

Outcome	Wave 1 N = 9,506	Wave 2 N = 5,586
<i>Secure flourishing index</i>		
Mean	7.0	6.9
Standard Deviation	1.4	1.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	163 (1.7%)	125 (2.2%)
<i>Flourishing index</i>		
Mean	7.1	7.0
Standard Deviation	1.4	1.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	158 (1.7%)	115 (2.1%)
<i>Happiness & life satisfaction</i>		
Mean	6.9	6.7
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	45 (0.5%)	25 (0.5%)
<i>Physical & mental health</i>		
Mean	6.8	6.7
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (0.3%)	40 (0.7%)
<i>Meaning & purpose</i>		
Mean	7.2	7.1
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (0.3%)	21 (0.4%)
<i>Character & virtue</i>		
Mean	7.3	7.2
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.3%)	20 (0.4%)
<i>Close social relationships</i>		
Mean	7.3	7.2
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	58 (0.6%)	21 (0.4%)
<i>Financial & material security</i>		
Mean	6.5	6.6
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.1%)	15 (0.3%)
<i>Life satisfaction</i>		
Mean	6.9	6.7
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (0.3%)	20 (0.4%)
<i>Happiness</i>		
Mean	6.9	6.7
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	5 (<0.1%)
<i>Self-rated physical health</i>		

Table S14b. Weighted summary statistics for exposure and outcome variables in Germany

Outcome	Wave 1 N = 9,506	Wave 2 N = 5,586
Mean	6.6	6.5
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.1%)	35 (0.6%)
<i>Self-rated mental health</i>		
Mean	7.0	6.9
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	12 (0.2%)
<i>Understanding purpose</i>		
Mean	7.1	7.0
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.2%)	13 (0.2%)
<i>Meaningful activities</i>		
Mean	7.3	7.2
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.1%)	8 (0.2%)
<i>Orientation to promote good</i>		
Mean	7.7	7.6
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.1%)	4 (<0.1%)
<i>Delayed gratification</i>		
Mean	6.9	6.8
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.1%)	17 (0.3%)
<i>Relationship contentment</i>		
Mean	7.4	7.4
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	36 (0.4%)	7 (0.1%)
<i>Relationship satisfaction</i>		
Mean	7.1	7.0
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.3%)	17 (0.3%)
<i>Financial security</i>		
Mean	6.2	6.4
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (<0.1%)	6 (0.1%)
<i>Material security</i>		
Mean	6.8	6.8
Standard Deviation	2.8	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (<0.1%)	10 (0.2%)
<i>Current life evaluation</i>		
Mean	6.7	6.5

Table S14b. Weighted summary statistics for exposure and outcome variables in Germany

Outcome	Wave 1 N = 9,506	Wave 2 N = 5,586
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (<0.1%)	18 (0.3%)
<i>Future life evaluation</i>		
Mean	7.2	6.9
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.2%)	40 (0.7%)
<i>Optimism</i>		
Mean	7.5	7.4
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.2%)	4 (<0.1%)
<i>Freedom to pursue what's important</i>		
Mean	7.5	7.4
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (<0.1%)	8 (0.1%)
<i>Inner peace, n (%)</i>		
Always	1,211 (12.7%)	847 (15.2%)
Often	6,332 (66.6%)	3,606 (64.5%)
Rarely	1,800 (18.9%)	1,026 (18.4%)
Never	153 (1.6%)	79 (1.4%)
(Missing)	10 (0.1%)	28 (0.5%)
<i>Life balance, n (%)</i>		
Always	764 (8.0%)	608 (10.9%)
Often	6,509 (68.5%)	3,678 (65.9%)
Rarely	2,034 (21.4%)	1,167 (20.9%)
Never	177 (1.9%)	109 (1.9%)
(Missing)	22 (0.2%)	23 (0.4%)
<i>Sense of mastery, n (%)</i>		
Always	700 (7.4%)	555 (9.9%)
Often	7,246 (76.2%)	4,116 (73.7%)
Rarely	1,355 (14.3%)	805 (14.4%)
Never	172 (1.8%)	86 (1.5%)
(Missing)	33 (0.3%)	23 (0.4%)
<i>Traumatic distress, n (%)</i>		
A lot	687 (7.2%)	419 (7.5%)
Some	2,095 (22.0%)	1,127 (20.2%)
Not very much	2,448 (25.8%)	1,571 (28.1%)
Not at all	4,241 (44.6%)	2,443 (43.7%)
(Missing)	34 (0.4%)	25 (0.4%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,484 (15.7%)	884 (15.9%)
	33 (0.3%)	20 (0.4%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	491 (5.2%)	275 (4.9%)
More than half the days	740 (7.8%)	499 (8.9%)
Several days	2,912 (30.6%)	1,888 (33.8%)
Not at all	5,342 (56.2%)	2,911 (52.1%)
(Missing)	21 (0.2%)	12 (0.2%)
<i>Depression – loss of interest, n (%)</i>		

Table S14b. Weighted summary statistics for exposure and outcome variables in Germany

Outcome	Wave 1 N = 9,506	Wave 2 N = 5,586
Nearly every day	471 (5.0%)	239 (4.3%)
More than half the days	791 (8.3%)	502 (9.0%)
Several days	2,518 (26.5%)	1,582 (28.3%)
Not at all	5,712 (60.1%)	3,252 (58.2%)
(Missing)	14 (0.1%)	10 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	1,814 (19.2%)	1,152 (20.7%)
(Missing)	47 (0.5%)	26 (0.5%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	547 (5.8%)	297 (5.3%)
More than half the days	826 (8.7%)	632 (11.3%)
Several days	3,743 (39.4%)	2,265 (40.6%)
Not at all	4,363 (45.9%)	2,373 (42.5%)
(Missing)	27 (0.3%)	19 (0.3%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	700 (7.4%)	370 (6.6%)
More than half the days	853 (9.0%)	652 (11.7%)
Several days	3,056 (32.1%)	1,810 (32.4%)
Not at all	4,875 (51.3%)	2,746 (49.2%)
(Missing)	21 (0.2%)	8 (0.1%)
<i>Suffering, n (%)</i>		
A lot	837 (8.8%)	636 (11.4%)
Some	3,825 (40.2%)	2,245 (40.2%)
Not very much	3,296 (34.7%)	1,865 (33.4%)
Not at all	1,520 (16.0%)	827 (14.8%)
(Missing)	28 (0.3%)	13 (0.2%)
<i>Social support</i>		
Mean	8.1	8.0
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (<0.1%)	20 (0.4%)
<i>Intimate/close friend, n (%)</i>		
Yes	8,101 (85.2%)	4,761 (85.2%)
No	1,372 (14.4%)	797 (14.3%)
(Missing)	33 (0.3%)	27 (0.5%)
<i>Government approval, n (%)</i>		
Strongly approve	507 (5.3%)	315 (5.6%)
Somewhat approve	2,688 (28.3%)	1,512 (27.1%)
Neither approve nor disapprove	2,903 (30.5%)	1,652 (29.6%)
Somewhat disapprove	2,128 (22.4%)	1,210 (21.7%)
Strongly disapprove	1,241 (13.1%)	879 (15.7%)
(Missing)	39 (0.4%)	17 (0.3%)
<i>Say in government, n (%)</i>		
Agree	4,000 (42.1%)	2,436 (43.6%)
Disagree	3,484 (36.6%)	2,066 (37.0%)
Unsure	2,017 (21.2%)	1,075 (19.2%)
(Missing)	6 (0.1%)	9 (0.2%)
<i>Belonging in country</i>		
Mean	7.0	6.9
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	34 (0.4%)	35 (0.6%)

Table S14b. Weighted summary statistics for exposure and outcome variables in Germany

Outcome	Wave 1 N = 9,506	Wave 2 N = 5,586
<i>City/place satisfaction, n (%)</i>		
Satisfied	7,624 (80.2%)	4,351 (77.9%)
Dissatisfied	1,092 (11.5%)	731 (13.1%)
Unsure	748 (7.9%)	471 (8.4%)
(Missing)	42 (0.4%)	33 (0.6%)
<i>Trust within country, n (%)</i>		
All people	70 (0.7%)	132 (2.4%)
Most people	2,571 (27.0%)	1,468 (26.3%)
Some people	4,133 (43.5%)	2,401 (43.0%)
Not very many people	2,508 (26.4%)	1,465 (26.2%)
None	193 (2.0%)	96 (1.7%)
(Missing)	31 (0.3%)	24 (0.4%)
<i>Number of children</i>		
Mean	0.4	0.4
Standard Deviation	1.0	0.8
Min, Max	0.0, 64.0	0.0, 7.0
(Missing)	46 (0.5%)	536 (9.6%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	970 (10.2%)	618 (11.1%)
Once a week	1,210 (12.7%)	716 (12.8%)
One to three times a month	1,181 (12.4%)	716 (12.8%)
A few times a year	2,019 (21.2%)	1,091 (19.5%)
Never	4,117 (43.3%)	2,433 (43.6%)
(Missing)	10 (0.1%)	11 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	282 (3.0%)	149 (2.7%)
Once a week	425 (4.5%)	251 (4.5%)
One to three times a month	551 (5.8%)	366 (6.6%)
A few times a year	2,350 (24.7%)	2,107 (37.7%)
Never	5,888 (61.9%)	2,702 (48.4%)
(Missing)	10 (0.1%)	11 (0.2%)
<i>Loneliness</i>		
Mean	3.0	3.1
Standard Deviation	2.6	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	12 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	225 (2.4%)	132 (2.4%)
Often	1,179 (12.4%)	730 (13.1%)
Rarely	3,690 (38.8%)	2,169 (38.8%)
Never	4,393 (46.2%)	2,544 (45.6%)
(Missing)	19 (0.2%)	11 (0.2%)
<i>Hope</i>		
Mean	7.7	7.4
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	36 (0.4%)	20 (0.4%)
<i>Gratitude</i>		
Mean	7.6	7.5
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0

Table S14b. Weighted summary statistics for exposure and outcome variables in Germany

Outcome	Wave 1 N = 9,506	Wave 2 N = 5,586
(Missing)	53 (0.6%)	27 (0.5%)
<i>Showing love/care</i>		
Mean	7.8	7.6
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (<0.1%)	8 (0.1%)
<i>Forgivingness, n (%)</i>		
Always	1,332 (14.0%)	838 (15.0%)
Often	5,742 (60.4%)	3,333 (59.7%)
Rarely	2,170 (22.8%)	1,252 (22.4%)
Never	242 (2.5%)	141 (2.5%)
(Missing)	20 (0.2%)	21 (0.4%)
<i>Charitable giving, n (%)</i>		
Yes	3,406 (35.8%)	1,923 (34.4%)
No	6,076 (63.9%)	3,626 (64.9%)
(Missing)	24 (0.2%)	37 (0.7%)
<i>Helping strangers, n (%)</i>		
Yes	4,872 (51.3%)	2,701 (48.4%)
No	4,594 (48.3%)	2,858 (51.2%)
(Missing)	40 (0.4%)	26 (0.5%)
<i>Volunteering, n (%)</i>		
Yes	1,989 (20.9%)	1,281 (22.9%)
No	7,494 (78.8%)	4,275 (76.5%)
(Missing)	23 (0.2%)	30 (0.5%)
<i>Health problems, n (%)</i>		
Yes	2,766 (29.1%)	1,636 (29.3%)
No	6,674 (70.2%)	3,895 (69.7%)
(Missing)	66 (0.7%)	55 (1.0%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	977 (10.3%)	674 (12.1%)
Some	2,931 (30.8%)	1,745 (31.2%)
Not very much	2,960 (31.1%)	1,827 (32.7%)
None at all	2,618 (27.5%)	1,327 (23.8%)
(Missing)	19 (0.2%)	13 (0.2%)
<i>Number of drinks per week</i>		
Mean	3.9	3.9
Standard Deviation	8.9	9.3
Min, Max	0.0, 97.0	0.0, 90.0
(Missing)	80 (0.8%)	125 (2.2%)
<i>Days exercise per week</i>		
Mean	2.4	2.3
Standard Deviation	2.2	2.1
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	13 (0.1%)	10 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	232 (2.4%)	105 (1.9%)
9-15	6,219 (65.4%)	3,543 (63.4%)
16+	3,043 (32.0%)	1,936 (34.7%)
(Missing)	12 (0.1%)	1 (0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	5,023 (52.8%)	2,944 (52.7%)

Table S14b. Weighted summary statistics for exposure and outcome variables in Germany

Outcome	Wave 1 N = 9,506	Wave 2 N = 5,586
Self-employed	717 (7.5%)	362 (6.5%)
Retired	2,352 (24.7%)	1,446 (25.9%)
Student	653 (6.9%)	330 (5.9%)
Homemaker	247 (2.6%)	141 (2.5%)
Unemployed and looking for a job	288 (3.0%)	178 (3.2%)
None of these/Other	211 (2.2%)	128 (2.3%)
(Missing)	15 (0.2%)	56 (1.0%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	2,961 (31.2%)	1,926 (34.5%)
Getting by on present income	4,449 (46.8%)	2,559 (45.8%)
Finding it difficult on present income	1,539 (16.2%)	833 (14.9%)
Finding it very difficult on present income	470 (4.9%)	229 (4.1%)
(Missing)	88 (0.9%)	37 (0.7%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	3,879 (40.8%)	2,234 (40.0%)
Someone in this household rents this home	3,768 (39.6%)	2,312 (41.4%)
Both	693 (7.3%)	402 (7.2%)
Neither	1,075 (11.3%)	595 (10.7%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	91 (1.0%)	44 (0.8%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,130 (11.9%)	772 (13.8%)
Often	2,378 (25.0%)	1,281 (22.9%)
Rarely	3,289 (34.6%)	1,886 (33.8%)
Never	2,700 (28.4%)	1,638 (29.3%)
(Missing)	8 (0.1%)	9 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	3,262 (34.3%)	1,897 (34.0%)
No	3,332 (35.1%)	1,987 (35.6%)
Unsure	2,877 (30.3%)	1,689 (30.2%)
(Missing)	34 (0.4%)	12 (0.2%)
<i>Transformative religious experience, n (%)</i>		
Yes	2,000 (21.0%)	1,065 (19.1%)
No	7,484 (78.7%)	4,508 (80.7%)
(Missing)	22 (0.2%)	13 (0.2%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	187 (2.0%)	86 (1.5%)
About once a day	477 (5.0%)	259 (4.6%)
Sometimes	3,181 (33.5%)	1,327 (23.8%)
Never	5,633 (59.3%)	3,870 (69.3%)
(Missing)	27 (0.3%)	44 (0.8%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	525 (5.5%)	264 (4.7%)
About once a day	1,070 (11.3%)	492 (8.8%)
Sometimes	3,579 (37.7%)	1,589 (28.5%)
Never	4,318 (45.4%)	3,200 (57.3%)
(Missing)	14 (0.1%)	41 (0.7%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	3,121 (32.8%)	1,826 (32.7%)

Table S14b. Weighted summary statistics for exposure and outcome variables in Germany

Outcome	Wave 1 N = 9,506	Wave 2 N = 5,586
More than one god	305 (3.2%)	165 (2.9%)
An impersonal spiritual force	1,815 (19.1%)	1,170 (21.0%)
None of these	2,824 (29.7%)	1,673 (30.0%)
Unsure	1,421 (14.9%)	742 (13.3%)
(Missing)	20 (0.2%)	10 (0.2%)
<i>Religious centrality, n (%)</i>		
Agree	1,680 (17.7%)	948 (17.0%)
Disagree	2,028 (21.3%)	1,148 (20.6%)
Not relevant	4,794 (50.4%)	2,873 (51.4%)
Unsure	960 (10.1%)	599 (10.7%)
(Missing)	44 (0.5%)	17 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	2,510 (26.4%)	1,416 (25.3%)
Disagree	1,697 (17.9%)	939 (16.8%)
Not relevant	4,059 (42.7%)	2,493 (44.6%)
Unsure	1,190 (12.5%)	711 (12.7%)
(Missing)	50 (0.5%)	27 (0.5%)
<i>Feel loved by God, n (%)</i>		
Agree	2,515 (26.5%)	1,394 (24.9%)
Disagree	1,535 (16.1%)	867 (15.5%)
Not relevant	4,174 (43.9%)	2,530 (45.3%)
Unsure	1,228 (12.9%)	741 (13.3%)
(Missing)	55 (0.6%)	53 (1.0%)
<i>Feel punished by God, n (%)</i>		
Agree	621 (6.5%)	311 (5.6%)
Disagree	4,147 (43.6%)	2,449 (43.8%)
Not relevant	3,801 (40.0%)	2,256 (40.4%)
Unsure	901 (9.5%)	539 (9.7%)
(Missing)	36 (0.4%)	30 (0.5%)
<i>Experienced religious criticism, n (%)</i>		
Agree	399 (4.2%)	186 (3.3%)
Disagree	3,827 (40.3%)	2,268 (40.6%)
Not relevant	4,782 (50.3%)	2,857 (51.1%)
Unsure	450 (4.7%)	240 (4.3%)
(Missing)	47 (0.5%)	34 (0.6%)
<i>Faith-sharing, n (%)</i>		
Agree	1,968 (20.7%)	1,074 (19.2%)
Disagree	2,776 (29.2%)	1,610 (28.8%)
Not relevant	4,268 (44.9%)	2,594 (46.4%)
Unsure	456 (4.8%)	280 (5.0%)
(Missing)	38 (0.4%)	28 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S14c. Unweighted summary statistics for demographic and childhood variables in Germany by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 3,800	Retained-Observed in Wave 2 N = 5,694
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	72 (1.9%)	106 (1.9%)
1943-1953 (current age: 70-79 years)	330 (8.7%)	760 (13.3%)
1953-1963 (current age: 60-69 years)	641 (16.9%)	1,220 (21.4%)
1963-1973 (current age: 50-59 years)	625 (16.4%)	1,124 (19.7%)
1973-1983 (current age: 40-49 years)	596 (15.7%)	898 (15.8%)
1983-1993 (current age: 30-39 years)	610 (16.1%)	791 (13.9%)
1993-1998 (current age: 25-29 years)	366 (9.6%)	404 (7.1%)
1998-2005 (current age: 18-24 years)	560 (14.7%)	391 (6.9%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	46.1	51.3
Standard Deviation	17.8	16.7
Min, Max	18.0, 93.0	18.0, 99.0
<i>Gender, n (%)</i>		
Male	1,847 (48.6%)	2,771 (48.7%)
Female	1,937 (51.0%)	2,917 (51.2%)
Other	8 (0.2%)	3 (0.1%)
(Missing)	8 (0.2%)	3 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,196 (31.5%)	1,474 (25.9%)
Married	1,721 (45.3%)	3,052 (53.6%)
Separated	97 (2.5%)	116 (2.0%)
Divorced	274 (7.2%)	468 (8.2%)
Widowed	130 (3.4%)	268 (4.7%)
Domestic partner	336 (8.8%)	289 (5.1%)
(Missing)	46 (1.2%)	27 (0.5%)
<i>Education (years), n (%)</i>		
Up to 8	124 (3.3%)	106 (1.9%)
9-15	2,579 (67.9%)	3,627 (63.7%)
16+	1,091 (28.7%)	1,956 (34.3%)
(Missing)	6 (0.2%)	6 (0.1%)
<i>Employment status, n (%)</i>		
Employed for an employer	2,015 (53.0%)	3,002 (52.7%)
Self-employed	298 (7.8%)	418 (7.3%)
Retired	827 (21.8%)	1,530 (26.9%)
Student	330 (8.7%)	317 (5.6%)
Homemaker	89 (2.3%)	158 (2.8%)
Unemployed and looking for a job	141 (3.7%)	145 (2.5%)
None of these/Other	97 (2.5%)	113 (2.0%)
(Missing)	4 (0.1%)	11 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	147 (3.9%)	132 (2.3%)
Once a week	174 (4.6%)	251 (4.4%)
One to three times a month	227 (6.0%)	323 (5.7%)
A few times a year	893 (23.5%)	1,458 (25.6%)
Never	2,359 (62.1%)	3,522 (61.8%)
(Missing)	2 (0.0%)	9 (0.2%)
<i>Immigration status, n (%)</i>		

Table S14c. Unweighted summary statistics for demographic and childhood variables in Germany by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,800	Retained-Observed in Wave 2 N = 5,694
Born in this country	3,446 (90.7%)	5,270 (92.5%)
Born in another country	346 (9.1%)	392 (6.9%)
(Missing)	8 (0.2%)	32 (0.6%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,924 (77.0%)	4,679 (82.2%)
Parents were divorced	418 (11.0%)	509 (8.9%)
Parents were never married	270 (7.1%)	316 (5.5%)
One or both of them had died	107 (2.8%)	137 (2.4%)
Unsure	31 (0.8%)	34 (0.6%)
(Missing)	50 (1.3%)	19 (0.3%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	769 (20.2%)	1,158 (20.3%)
One to three times a month	710 (18.7%)	1,183 (20.8%)
Less than once a month	1,189 (31.3%)	1,710 (30.0%)
Never	1,122 (29.5%)	1,628 (28.6%)
(Missing)	11 (0.3%)	16 (0.3%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	2,332 (61.4%)	3,163 (55.6%)
Somewhat good	1,114 (29.3%)	1,897 (33.3%)
Somewhat bad	172 (4.5%)	331 (5.8%)
Very bad	75 (2.0%)	110 (1.9%)
(Does not apply)	90 (2.4%)	157 (2.8%)
(Missing)	18 (0.5%)	36 (0.6%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,915 (50.4%)	2,744 (48.2%)
Somewhat good	1,170 (30.8%)	1,832 (32.2%)
Somewhat bad	324 (8.5%)	513 (9.0%)
Very bad	160 (4.2%)	224 (3.9%)
(Does not apply)	195 (5.1%)	345 (6.1%)
(Missing)	37 (1.0%)	36 (0.6%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	482 (12.7%)	641 (11.3%)
No	3,265 (85.9%)	4,969 (87.3%)
(Missing)	53 (1.4%)	84 (1.5%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	427 (11.2%)	651 (11.4%)
No	3,310 (87.1%)	5,010 (88.0%)
(Missing)	62 (1.6%)	33 (0.6%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,111 (29.2%)	1,544 (27.1%)
Very good	1,367 (36.0%)	2,165 (38.0%)
Good	996 (26.2%)	1,545 (27.1%)
Fair	260 (6.8%)	347 (6.1%)
Poor	61 (1.6%)	71 (1.3%)
(Missing)	6 (0.2%)	20 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,390 (36.6%)	1,804 (31.7%)

Table S14c. Unweighted summary statistics for demographic and childhood variables in Germany by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,800	Retained-Observed in Wave 2 N = 5,694
Got by	1,730 (45.5%)	2,768 (48.6%)
Found it difficult	553 (14.6%)	907 (15.9%)
Found it very difficult	120 (3.2%)	195 (3.4%)
(Missing)	7 (0.2%)	19 (0.3%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	2,108 (55.5%)	3,631 (63.8%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	4 (0.1%)
Primal, Animist, or Folk religion	3 (0.1%)	16 (0.3%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	214 (5.6%)	141 (2.5%)
Hinduism	4 (0.1%)	11 (0.2%)
Buddhism	18 (0.5%)	8 (0.1%)
Judaism	10 (0.3%)	7 (0.1%)
Sikhism	1 (0.0%)	4 (0.1%)
Baha'i	0 (0%)	2 (0.0%)
Jainism	1 (0.0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	26 (0.7%)	42 (0.7%)
No religion/Atheist/Agnostic	1,376 (36.2%)	1,782 (31.3%)
(Missing)	40 (1.0%)	46 (0.8%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S14d. Unweighted summary statistics for Wave 1 outcome variables in Germany by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 3,800	Wave 2 N = 5,694
<i>Secure flourishing index</i>		
Mean	6.9	7.1
Standard Deviation	1.4	1.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	49 (1.3%)	116 (2.0%)
<i>Flourishing index</i>		
Mean	7.0	7.2
Standard Deviation	1.3	1.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (1.2%)	113 (2.0%)
<i>Happiness & life satisfaction</i>		
Mean	6.8	7.0
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.6%)	22 (0.4%)
<i>Physical & mental health</i>		
Mean	6.8	6.9
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	16 (0.3%)
<i>Meaning & purpose</i>		
Mean	7.0	7.3
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	27 (0.5%)
<i>Character & virtue</i>		
Mean	7.3	7.3
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	15 (0.3%)
<i>Close social relationships</i>		
Mean	7.2	7.3
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	49 (0.9%)
<i>Financial & material security</i>		
Mean	6.3	6.6
Standard Deviation	2.8	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.1%)	6 (0.1%)
<i>Life satisfaction</i>		
Mean	6.8	7.0
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.5%)	12 (0.2%)
<i>Happiness</i>		
Mean	6.8	7.0
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0

Table S14d. Unweighted summary statistics for Wave 1 outcome variables in Germany by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,800	N = 5,694
(Missing)	5 (0.1%)	9 (0.2%)
<i>Self-rated physical health</i>		
Mean	6.7	6.6
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	6 (<0.1%)
<i>Self-rated mental health</i>		
Mean	6.9	7.2
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	10 (0.2%)
<i>Understanding purpose</i>		
Mean	6.9	7.2
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	20 (0.4%)
<i>Meaningful activities</i>		
Mean	7.2	7.4
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	7 (0.1%)
<i>Orientation to promote good</i>		
Mean	7.6	7.7
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	9 (0.2%)
<i>Delayed gratification</i>		
Mean	7.0	6.9
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	6 (0.1%)
<i>Relationship contentment</i>		
Mean	7.4	7.5
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	28 (0.5%)
<i>Relationship satisfaction</i>		
Mean	7.0	7.1
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	29 (0.5%)
<i>Financial security</i>		
Mean	6.0	6.4
Standard Deviation	3.1	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	5 (<0.1%)
<i>Material security</i>		
Mean	6.6	6.9
Standard Deviation	2.9	2.7

Table S14d. Unweighted summary statistics for Wave 1 outcome variables in Germany by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,800	N = 5,694
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	5 (<0.1%)
<i>Current life evaluation</i>		
Mean	6.8	6.7
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	1 (<0.1%)
<i>Future life evaluation</i>		
Mean	7.3	7.1
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	7 (0.1%)
<i>Optimism</i>		
Mean	7.5	7.5
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.4%)	6 (0.1%)
<i>Freedom to pursue what's important</i>		
Mean	7.5	7.6
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	4 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	469 (12.3%)	741 (13.0%)
Often	2,450 (64.5%)	3,879 (68.1%)
Rarely	804 (21.2%)	988 (17.4%)
Never	73 (1.9%)	79 (1.4%)
(Missing)	4 (0.1%)	7 (0.1%)
<i>Life balance, n (%)</i>		
Always	265 (7.0%)	500 (8.8%)
Often	2,541 (66.9%)	3,964 (69.6%)
Rarely	892 (23.5%)	1,134 (19.9%)
Never	91 (2.4%)	85 (1.5%)
(Missing)	11 (0.3%)	11 (0.2%)
<i>Sense of mastery, n (%)</i>		
Always	262 (6.9%)	439 (7.7%)
Often	2,822 (74.3%)	4,420 (77.6%)
Rarely	606 (15.9%)	743 (13.1%)
Never	92 (2.4%)	79 (1.4%)
(Missing)	19 (0.5%)	13 (0.2%)
<i>Traumatic distress, n (%)</i>		
A lot	324 (8.5%)	359 (6.3%)
Some	867 (22.8%)	1,224 (21.5%)
Not very much	993 (26.1%)	1,452 (25.5%)
Not at all	1,603 (42.2%)	2,639 (46.4%)
(Missing)	14 (0.4%)	20 (0.4%)
<i>Depression symptoms composite, n (%)</i>	677 (17.9%)	800 (14.1%)
(Missing)	10 (0.3%)	23 (0.4%)
<i>Depression – feel hopeless, n (%)</i>		

Table S14d. Unweighted summary statistics for Wave 1 outcome variables in Germany by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,800	Wave 2 N = 5,694
Nearly every day	236 (6.2%)	252 (4.4%)
More than half the days	315 (8.3%)	423 (7.4%)
Several days	1,234 (32.5%)	1,670 (29.3%)
Not at all	2,007 (52.8%)	3,337 (58.6%)
(Missing)	8 (0.2%)	12 (0.2%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	235 (6.2%)	233 (4.1%)
More than half the days	350 (9.2%)	438 (7.7%)
Several days	1,070 (28.1%)	1,441 (25.3%)
Not at all	2,144 (56.4%)	3,570 (62.7%)
(Missing)	2 (0.0%)	12 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	835 (22.1%)	969 (17.1%)
(Missing)	12 (0.3%)	35 (0.6%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	272 (7.2%)	271 (4.8%)
More than half the days	365 (9.6%)	458 (8.0%)
Several days	1,556 (41.0%)	2,179 (38.3%)
Not at all	1,600 (42.1%)	2,766 (48.6%)
(Missing)	7 (0.2%)	20 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	321 (8.5%)	376 (6.6%)
More than half the days	387 (10.2%)	462 (8.1%)
Several days	1,275 (33.5%)	1,774 (31.2%)
Not at all	1,812 (47.7%)	3,066 (53.9%)
(Missing)	5 (0.1%)	16 (0.3%)
<i>Suffering, n (%)</i>		
A lot	389 (10.2%)	443 (7.8%)
Some	1,524 (40.1%)	2,297 (40.3%)
Not very much	1,333 (35.1%)	1,957 (34.4%)
Not at all	543 (14.3%)	979 (17.2%)
(Missing)	11 (0.3%)	17 (0.3%)
<i>Social support</i>		
Mean	8.0	8.1
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	3 (<0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	3,249 (85.5%)	4,841 (85.0%)
No	537 (14.1%)	834 (14.6%)
(Missing)	14 (0.4%)	19 (0.3%)
<i>Government approval, n (%)</i>		
Strongly approve	223 (5.9%)	282 (4.9%)
Somewhat approve	1,045 (27.5%)	1,641 (28.8%)
Neither approve nor disapprove	1,210 (31.8%)	1,686 (29.6%)
Somewhat disapprove	838 (22.0%)	1,288 (22.6%)
Strongly disapprove	467 (12.3%)	775 (13.6%)
(Missing)	16 (0.4%)	22 (0.4%)
<i>Say in government, n (%)</i>		
Agree	1,617 (42.6%)	2,377 (41.7%)

Table S14d. Unweighted summary statistics for Wave 1 outcome variables in Germany by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,800	N = 5,694
Disagree	1,356 (35.7%)	2,125 (37.3%)
Unsure	826 (21.7%)	1,187 (20.9%)
(Missing)	1 (0.0%)	5 (0.1%)
<i>Belonging in country</i>		
Mean	6.8	7.1
Standard Deviation	2.5	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.4%)	18 (0.3%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	3,027 (79.6%)	4,589 (80.6%)
Dissatisfied	449 (11.8%)	641 (11.3%)
Unsure	309 (8.1%)	436 (7.7%)
(Missing)	15 (0.4%)	27 (0.5%)
<i>Trust within country, n (%)</i>		
All people	47 (1.2%)	22 (0.4%)
Most people	980 (25.8%)	1,592 (28.0%)
Some people	1,641 (43.2%)	2,487 (43.7%)
Not very many people	1,035 (27.2%)	1,468 (25.8%)
None	88 (2.3%)	104 (1.8%)
(Missing)	10 (0.3%)	21 (0.4%)
<i>Number of children</i>		
Mean	0.4	0.4
Standard Deviation	1.0	0.9
Min, Max	0.0, 15.0	0.0, 64.0
(Missing)	18 (0.5%)	29 (0.5%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	409 (10.8%)	558 (9.8%)
Once a week	479 (12.6%)	730 (12.8%)
One to three times a month	532 (14.0%)	644 (11.3%)
A few times a year	810 (21.3%)	1,206 (21.2%)
Never	1,569 (41.3%)	2,548 (44.7%)
(Missing)	2 (0.0%)	8 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	147 (3.9%)	132 (2.3%)
Once a week	174 (4.6%)	251 (4.4%)
One to three times a month	227 (6.0%)	323 (5.7%)
A few times a year	893 (23.5%)	1,458 (25.6%)
Never	2,359 (62.1%)	3,522 (61.8%)
(Missing)	2 (0.0%)	9 (0.2%)
<i>Loneliness</i>		
Mean	3.2	2.9
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	10 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	94 (2.5%)	130 (2.3%)
Often	542 (14.3%)	632 (11.1%)
Rarely	1,520 (40.0%)	2,162 (38.0%)
Never	1,636 (43.1%)	2,759 (48.4%)

Table S14d. Unweighted summary statistics for Wave 1 outcome variables in Germany by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2 N = 3,800	Wave 2 N = 5,694
(Missing)	8 (0.2%)	12 (0.2%)
<i>Hope</i>		
Mean	7.6	7.7
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.4%)	20 (0.3%)
<i>Gratitude</i>		
Mean	7.6	7.6
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.5%)	33 (0.6%)
<i>Showing love/care</i>		
Mean	7.7	7.9
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	6 (0.1%)
<i>Forgivingness, n (%)</i>		
Always	548 (14.4%)	781 (13.7%)
Often	2,319 (61.0%)	3,414 (60.0%)
Rarely	824 (21.7%)	1,346 (23.6%)
Never	100 (2.6%)	141 (2.5%)
(Missing)	8 (0.2%)	11 (0.2%)
<i>Charitable giving, n (%)</i>		
Yes	1,449 (38.1%)	1,948 (34.2%)
No	2,348 (61.8%)	3,725 (65.4%)
(Missing)	3 (0.1%)	21 (0.4%)
<i>Helping strangers, n (%)</i>		
Yes	2,088 (55.0%)	2,769 (48.6%)
No	1,701 (44.8%)	2,896 (50.9%)
(Missing)	11 (0.3%)	30 (0.5%)
<i>Volunteering, n (%)</i>		
Yes	793 (20.9%)	1,194 (21.0%)
No	3,002 (79.0%)	4,483 (78.7%)
(Missing)	5 (0.1%)	18 (0.3%)
<i>Health problems, n (%)</i>		
Yes	1,095 (28.8%)	1,668 (29.3%)
No	2,661 (70.0%)	4,006 (70.3%)
(Missing)	44 (1.2%)	20 (0.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	442 (11.6%)	531 (9.3%)
Some	1,162 (30.6%)	1,766 (31.0%)
Not very much	1,117 (29.4%)	1,844 (32.4%)
None at all	1,068 (28.1%)	1,546 (27.2%)
(Missing)	11 (0.3%)	8 (0.1%)
<i>Number of drinks per week</i>		
Mean	4.3	3.6
Standard Deviation	10.4	7.6
Min, Max	0.0, 97.0	0.0, 90.0
(Missing)	34 (0.9%)	46 (0.8%)

Table S14d. Unweighted summary statistics for Wave 1 outcome variables in Germany by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2 N = 3,800	Wave 2 N = 5,694
<i>Days exercise per week</i>		
Mean	2.5	2.3
Standard Deviation	2.2	2.1
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	6 (0.2%)	7 (0.1%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	124 (3.3%)	106 (1.9%)
9-15	2,579 (67.9%)	3,627 (63.7%)
16+	1,091 (28.7%)	1,956 (34.3%)
(Missing)	6 (0.2%)	6 (0.1%)
<i>Currently employed, n (%)</i>		
Employed for an employer	2,015 (53.0%)	3,002 (52.7%)
Self-employed	298 (7.8%)	418 (7.3%)
Retired	827 (21.8%)	1,530 (26.9%)
Student	330 (8.7%)	317 (5.6%)
Homemaker	89 (2.3%)	158 (2.8%)
Unemployed and looking for a job	141 (3.7%)	145 (2.5%)
None of these/Other	97 (2.5%)	113 (2.0%)
(Missing)	4 (0.1%)	11 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,201 (31.6%)	1,755 (30.8%)
Getting by on present income	1,692 (44.5%)	2,756 (48.4%)
Finding it difficult on present income	648 (17.1%)	886 (15.6%)
Finding it very difficult on present income	198 (5.2%)	270 (4.7%)
(Missing)	60 (1.6%)	26 (0.5%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,520 (40.0%)	2,356 (41.4%)
Someone in this household rents this home	1,514 (39.8%)	2,249 (39.5%)
Both	271 (7.1%)	421 (7.4%)
Neither	433 (11.4%)	640 (11.2%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	63 (1.6%)	27 (0.5%)
<i>Religious/spiritual connection, n (%)</i>		
Always	442 (11.6%)	688 (12.1%)
Often	927 (24.4%)	1,449 (25.5%)
Rarely	1,322 (34.8%)	1,962 (34.5%)
Never	1,106 (29.1%)	1,590 (27.9%)
(Missing)	3 (0.1%)	5 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	1,334 (35.1%)	1,922 (33.8%)
No	1,304 (34.3%)	2,026 (35.6%)
Unsure	1,150 (30.3%)	1,723 (30.3%)
(Missing)	12 (0.3%)	23 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	867 (22.8%)	1,127 (19.8%)
No	2,927 (77.0%)	4,552 (79.9%)
(Missing)	7 (0.2%)	15 (0.3%)

Table S14d. Unweighted summary statistics for Wave 1 outcome variables in Germany by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,800	Wave 2 N = 5,694
<i>Religious reading or listening, n (%)</i>		
More than once a day	73 (1.9%)	114 (2.0%)
About once a day	219 (5.8%)	255 (4.5%)
Sometimes	1,253 (33.0%)	1,926 (33.8%)
Never	2,246 (59.1%)	3,381 (59.4%)
(Missing)	9 (0.2%)	19 (0.3%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	212 (5.6%)	313 (5.5%)
About once a day	423 (11.1%)	645 (11.3%)
Sometimes	1,424 (37.5%)	2,152 (37.8%)
Never	1,735 (45.6%)	2,578 (45.3%)
(Missing)	7 (0.2%)	7 (0.1%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	1,201 (31.6%)	1,918 (33.7%)
More than one god	140 (3.7%)	164 (2.9%)
An impersonal spiritual force	749 (19.7%)	1,062 (18.7%)
None of these	1,135 (29.9%)	1,685 (29.6%)
Unsure	563 (14.8%)	856 (15.0%)
(Missing)	12 (0.3%)	8 (0.1%)
<i>Religious centrality, n (%)</i>		
Agree	664 (17.5%)	1,014 (17.8%)
Disagree	811 (21.3%)	1,215 (21.3%)
Not relevant	1,963 (51.7%)	2,822 (49.6%)
Unsure	350 (9.2%)	611 (10.7%)
(Missing)	12 (0.3%)	32 (0.6%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,039 (27.3%)	1,465 (25.7%)
Disagree	624 (16.4%)	1,075 (18.9%)
Not relevant	1,630 (42.9%)	2,424 (42.6%)
Unsure	487 (12.8%)	701 (12.3%)
(Missing)	20 (0.5%)	29 (0.5%)
<i>Feel loved by God, n (%)</i>		
Agree	953 (25.1%)	1,562 (27.4%)
Disagree	610 (16.0%)	924 (16.2%)
Not relevant	1,717 (45.2%)	2,448 (43.0%)
Unsure	496 (13.1%)	730 (12.8%)
(Missing)	24 (0.6%)	31 (0.5%)
<i>Feel punished by God, n (%)</i>		
Agree	255 (6.7%)	365 (6.4%)
Disagree	1,608 (42.3%)	2,537 (44.6%)
Not relevant	1,550 (40.8%)	2,244 (39.4%)
Unsure	371 (9.8%)	528 (9.3%)
(Missing)	16 (0.4%)	20 (0.3%)
<i>Experienced religious criticism, n (%)</i>		
Agree	177 (4.6%)	221 (3.9%)
Disagree	1,444 (38.0%)	2,384 (41.9%)
Not relevant	1,963 (51.6%)	2,811 (49.4%)
Unsure	198 (5.2%)	251 (4.4%)
(Missing)	19 (0.5%)	28 (0.5%)

Table S14d. Unweighted summary statistics for Wave 1 outcome variables in Germany by retention status.

Outcome	Attrititors–NotRetained–Observed in	
	Observed in Wave 2 N = 3,800	Wave 2 N = 5,694
<i>Faith-sharing, n (%)</i>		
Agree	829 (21.8%)	1,135 (19.9%)
Disagree	1,048 (27.6%)	1,728 (30.3%)
Not relevant	1,714 (45.1%)	2,548 (44.7%)
Unsure	195 (5.1%)	260 (4.6%)
(Missing)	14 (0.4%)	24 (0.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S14e. Summary of fitted attrition model in Germany

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.98	0.92, 1.04	0.485
Recruitment Survey Mode			
<i>CAWI</i>	—	—	
<i>CATI</i>	0.51	0.45, 0.57	1.63e-26
Happiness & life satisfaction	0.97	0.89, 1.04	0.381
Physical & mental health	1.04	0.97, 1.12	0.269
Meaning & purpose	1.08	1.00, 1.17	0.044
Character & virtue	0.95	0.89, 1.01	0.075
Close social relationships	0.97	0.90, 1.03	0.311
Financial & material security	1.19	1.11, 1.28	9.11e-07
Extraversion	0.95	0.89, 1.01	0.103
Openness to experience	0.92	0.86, 0.97	0.005
Agreeableness	1.06	1.00, 1.13	0.044
Conscientiousness	1.16	1.10, 1.24	8.47e-07
Neuroticism	0.95	0.89, 1.01	0.101
Depression symptoms composite	0.97	0.90, 1.04	0.389
Anxiety symptoms composite	0.99	0.92, 1.07	0.808
Loneliness	0.97	0.91, 1.04	0.449
Days exercise per week	0.91	0.86, 0.96	8.34e-04
Year of birth (age group)			
<i>1953-1963 (current age: 60-69 years)</i>	—	—	
<i>1983-1993 (current age: 30-39 years)</i>	0.69	0.56, 0.85	4.93e-04
<i>1963-1973 (current age: 50-59 years)</i>	0.94	0.77, 1.15	0.536
<i>1973-1983 (current age: 40-49 years)</i>	0.82	0.67, 1.02	0.072
<i>1943-1953 (current age: 70-79 years)</i>	1.18	0.94, 1.46	0.150
<i>1993-1998 (current age: 25-29 years)</i>	0.53	0.41, 0.69	1.60e-06
<i>1998-2005 (current age: 18-24 years)</i>	0.33	0.24, 0.45	2.76e-12
<i>1943 or earlier (current age: 80+ years)</i>	0.72	0.49, 1.06	0.096
Gender of respondent			
<i>Male</i>	—	—	
<i>Female</i>	0.98	0.87, 1.09	0.692
<i>Other</i>	0.45	0.09, 2.27	0.335
Marital status			
<i>Married</i>	—	—	
<i>Single/Never been married</i>	0.98	0.85, 1.13	0.799
<i>Divorced</i>	0.94	0.77, 1.15	0.534
<i>Domestic partner</i>	0.64	0.50, 0.81	2.77e-04
<i>Widowed</i>	1.26	0.95, 1.68	0.102
<i>Separated</i>	0.92	0.64, 1.32	0.652
Employment status			
<i>Employed for an employer</i>	—	—	
<i>Retired</i>	0.86	0.71, 1.04	0.128
<i>Self-employed</i>	0.96	0.78, 1.19	0.727
<i>Student</i>	1.24	0.91, 1.69	0.167
<i>Unemployed and looking for a job</i>	0.82	0.59, 1.13	0.214
<i>Homemaker</i>	1.09	0.78, 1.52	0.628
<i>None of these/Other</i>	1.03	0.69, 1.52	0.893
Religious attendance			
<i>Never</i>	—	—	
<i>A few times a year</i>	0.99	0.87, 1.13	0.913
<i>One to three times a month</i>	0.93	0.73, 1.19	0.573
<i>Once a week</i>	0.90	0.68, 1.18	0.451

Table S14e. Summary of fitted attrition model in Germany

Characteristic	Odds Ratio	95% CI	p-value
<i>More than once a week</i>	0.67	0.49, 0.93	0.016
Educational attainment (16+ years)			
9-15	—	—	
16+	1.27	1.12, 1.44	1.47e-04
<i>Up to 8</i>	0.62	0.44, 0.86	0.004
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.82	0.65, 1.03	0.087
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A large city</i>	0.99	0.86, 1.13	0.835
<i>A rural area or on a farm</i>	0.87	0.74, 1.02	0.082
<i>A suburb of a large city</i>	1.04	0.85, 1.28	0.694
Monthly household income			
<i>Germany: 501 - 1,500 euros</i>	—	—	
<i>Germany: 4,001 - 5,000 euros</i>	0.99	0.76, 1.29	0.965
<i>Germany: 1,501 - 2,000 euros</i>	0.79	0.61, 1.03	0.078
<i>Germany: 3,001 - 3,500 euros</i>	0.84	0.65, 1.09	0.191
<i>Germany: 2,501 - 3,000 euros</i>	0.96	0.74, 1.25	0.764
<i>Germany: 2,001 - 2,500 euros</i>	1.02	0.79, 1.33	0.875
<i>Germany: 5,001 - 6,000 euros</i>	0.84	0.63, 1.11	0.214
<i>Germany: 3,501 - 4,000 euros</i>	0.81	0.62, 1.08	0.151
<i>Germany: 6,001 - 7,500 euros</i>	0.61	0.46, 0.82	7.88e-04
<i>Germany: 7,501 - 10,000 euros</i>	0.59	0.43, 0.79	5.45e-04
<i>Germany: More than 10,000 euros</i>	0.63	0.44, 0.89	0.009
<i>(None/No household income)</i>	0.82	0.56, 1.20	0.304
<i>Germany: 500 euros or less</i>	0.82	0.54, 1.24	0.357

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=9506; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S14f. Summary of principal components in Germany

PC	Percent Explained by each PC	Cumulative Percent Explained
1	33.87	33.87
2	5.95	39.82
3	4.88	44.70
4	2.19	46.89
5	1.96	48.86
6	1.76	50.62
7	1.55	52.17
8	1.46	53.62
9	1.41	55.03
10	1.33	56.36
11	1.29	57.65
12	1.27	58.92
13	1.26	60.18
14	1.19	61.37
15	1.12	62.50
16	1.10	63.60
17	1.08	64.68
18	1.03	65.71
19	1.01	66.73
20	0.99	67.71

Notes. N=9506; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S14g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Germany

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.74	(0.72,0.76)	0.01	2.22e-16***	0.57	(0.54,0.60)	0.01	2.22e-16***
Flourishing index	0.71	(0.69,0.73)	0.01	2.22e-16***	0.50	(0.47,0.53)	0.02	2.22e-16***
Happiness & life satisfaction	0.56	(0.53,0.58)	0.01	2.22e-16***	0.23	(0.20,0.25)	0.01	2.22e-16***
Physical & mental health	0.51	(0.48,0.53)	0.01	2.22e-16***	0.18	(0.15,0.21)	0.02	2.22e-16***
Meaning & purpose	0.55	(0.53,0.58)	0.01	2.22e-16***	0.27	(0.24,0.30)	0.01	2.22e-16***
Character & virtue	0.33	(0.30,0.36)	0.01	2.22e-16***	0.13	(0.11,0.15)	0.01	2.22e-16***
Close social relationships	0.45	(0.43,0.48)	0.01	2.22e-16***	0.20	(0.17,0.22)	0.01	2.22e-16***
Financial & material security	0.41	(0.38,0.43)	0.01	2.22e-16***	0.19	(0.17,0.22)	0.01	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.53	(0.50,0.56)	0.01	2.22e-16***	0.19	(0.16,0.22)	0.01	2.22e-16***
Happiness (a)	0.53	(0.50,0.55)	0.01	2.22e-16***	0.18	(0.15,0.21)	0.01	2.22e-16***
Self-rated physical health (b)	0.39	(0.36,0.42)	0.01	2.22e-16***	0.12	(0.09,0.15)	0.01	1.44e-15***
Self-rated mental health (b)	0.50	(0.47,0.52)	0.01	2.22e-16***	0.16	(0.13,0.19)	0.01	2.22e-16***
Understanding purpose (c)	0.45	(0.42,0.48)	0.01	2.22e-16***	0.20	(0.17,0.22)	0.01	2.22e-16***
Meaningful activities (c)	0.47	(0.44,0.49)	0.01	2.22e-16***	0.18	(0.15,0.20)	0.01	2.22e-16***
Orientation to promote good (d)	0.28	(0.25,0.31)	0.01	2.22e-16***	0.10	(0.08,0.12)	0.01	2.22e-16***
Delayed gratification (d)	0.24	(0.21,0.27)	0.01	2.22e-16***	0.09	(0.07,0.11)	0.01	6.88e-15***
Relationship contentment (e)	0.43	(0.40,0.46)	0.01	2.22e-16***	0.17	(0.14,0.19)	0.01	2.22e-16***
Relationship satisfaction (e)	0.43	(0.40,0.45)	0.01	2.22e-16***	0.16	(0.14,0.19)	0.01	2.22e-16***
Financial security (f)	0.37	(0.35,0.40)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
Material security (f)	0.38	(0.35,0.40)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.43	(0.40,0.45)	0.01	2.22e-16***	0.14	(0.11,0.16)	0.01	2.22e-16***
Future life evaluation	0.41	(0.39,0.44)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
Optimism	0.39	(0.36,0.42)	0.01	2.22e-16***	0.11	(0.09,0.14)	0.01	2.22e-16***
Freedom to pursue what's important	0.40	(0.37,0.43)	0.01	2.22e-16***	0.13	(0.11,0.16)	0.01	2.22e-16***
Inner peace	0.35	(0.32,0.37)	0.01	2.22e-16***	0.03	(0.00,0.05)	0.01	0.018*
Life balance	0.35	(0.33,0.38)	0.01	2.22e-16***	0.05	(0.03,0.07)	0.01	1.08e-05***
Sense of mastery	0.23	(0.20,0.26)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	3.17e-04***
<i>Psychological Distress</i>								
Traumatic distress	-0.13	(-0.16,-0.11)	0.01	2.22e-16***	-0.02	(-0.04,0.00)	0.01	0.079
Depression symptoms composite	-0.29	(-0.32,-0.26)	0.01	2.22e-16***	0.03	(-0.00,0.06)	0.01	0.052
Depression – feel hopeless	-0.28	(-0.31,-0.25)	0.02	2.22e-16***	0.06	(0.03,0.10)	0.02	4.08e-04***
Depression – loss of interest	-0.27	(-0.30,-0.24)	0.02	2.22e-16***	-0.00	(-0.03,0.03)	0.02	0.957
Anxiety symptoms composite	-0.26	(-0.29,-0.23)	0.01	2.22e-16***	0.04	(0.01,0.07)	0.01	2.99e-03**
Anxiety – feel on edge	-0.25	(-0.28,-0.22)	0.01	2.22e-16***	0.05	(0.02,0.08)	0.01	3.12e-04***
Anxiety – cannot stop worrying	-0.25	(-0.28,-0.22)	0.01	2.22e-16***	0.03	(0.00,0.06)	0.01	0.047*
Suffering	-0.27	(-0.29,-0.24)	0.01	2.22e-16***	-0.04	(-0.07,-0.02)	0.01	1.41e-04***
<i>Social Well-Being</i>								
Social support	0.32	(0.29,0.35)	0.01	2.22e-16***	0.10	(0.08,0.13)	0.01	2.22e-16***
Intimate/close friend	0.15	(0.13,0.18)	0.01	2.22e-16***	0.05	(0.03,0.07)	0.01	1.15e-05***
Government approval	0.15	(0.12,0.17)	0.01	2.22e-16***	0.02	(0.00,0.04)	0.01	0.017*
Say in government	0.10	(0.08,0.13)	0.01	6.66e-15***	0.02	(-0.00,0.04)	0.01	0.088
Belonging in country	0.22	(0.19,0.25)	0.01	2.22e-16***	0.03	(0.01,0.05)	0.01	1.25e-03**
City/place satisfaction	0.18	(0.15,0.21)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	3.78e-04***
Trust within country	0.16	(0.13,0.19)	0.01	2.22e-16***	0.02	(0.00,0.05)	0.01	0.031*
<i>Social Participation</i>								
Ever been married	0.05	(-0.01,0.12)	0.03	0.103	0.01	(-0.04,0.06)	0.03	0.688
Currently divorced	0.00	(-0.03,0.03)	0.02	0.964	-0.02	(-0.04,0.01)	0.01	0.169
Number of children	0.04	(0.00,0.08)	0.02	0.029*	0.02	(-0.01,0.04)	0.01	0.150
Weekly+ community participation	0.07	(0.04,0.09)	0.01	2.27e-07***	0.01	(-0.01,0.03)	0.01	0.232
Weekly+ religious attendance	0.03	(0.01,0.06)	0.01	0.017*	-0.01	(-0.03,0.01)	0.01	0.511
<i>Social Distress</i>								
Loneliness	-0.40	(-0.43,-0.38)	0.01	2.22e-16***	-0.17	(-0.19,-0.15)	0.01	2.22e-16***
Perceived discrimination	-0.08	(-0.11,-0.05)	0.01	2.59e-08***	-0.02	(-0.05,-0.00)	0.01	0.040*
<i>Character & Prosocial Behavior</i>								
Hope	0.44	(0.42,0.47)	0.01	2.22e-16***	0.14	(0.12,0.17)	0.01	2.22e-16***
Gratitude	0.40	(0.37,0.43)	0.01	2.22e-16***	0.14	(0.12,0.17)	0.01	2.22e-16***
Showing love/care	0.26	(0.23,0.28)	0.01	2.22e-16***	0.08	(0.06,0.11)	0.01	3.83e-12***
Forgivingness	0.07	(0.05,0.10)	0.01	3.27e-08***	0.01	(-0.01,0.03)	0.01	0.221
Charitable giving	0.09	(0.06,0.12)	0.01	7.04e-10***	0.04	(0.02,0.06)	0.01	2.41e-04***
Helping strangers	0.04	(0.02,0.07)	0.01	2.71e-03**	0.02	(-0.01,0.04)	0.01	0.156
Volunteering	0.04	(0.02,0.07)	0.01	8.47e-04**	0.00	(-0.02,0.02)	0.01	0.741
<i>Physical Health & Health Behavior</i>								
Health problems	-0.21	(-0.23,-0.18)	0.01	2.22e-16***	-0.07	(-0.09,-0.05)	0.01	6.85e-10***
Pain in past 4 weeks	-0.17	(-0.20,-0.15)	0.01	2.22e-16***	-0.01	(-0.03,0.02)	0.01	0.609
Daily smoker	-0.03	(-0.06,-0.01)	0.01	0.019*	-0.01	(-0.03,0.01)	0.01	0.180
Number of drinks per week	-0.02	(-0.04,-0.00)	0.01	0.043*	-0.02	(-0.04,0.00)	0.01	0.078
Days exercise per week	0.10	(0.08,0.13)	0.01	1.11e-14***	0.02	(0.00,0.04)	0.01	0.022*
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.12	(0.09,0.14)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	2.68e-04***
Currently employed	0.07	(0.04,0.11)	0.02	2.4e-05***	0.02	(-0.01,0.04)	0.01	0.137
Financially comfortable/getting by	0.28	(0.25,0.31)	0.01	2.22e-16***	0.11	(0.09,0.14)	0.01	2.22e-16***
Own home	0.07	(0.04,0.09)	0.01	9.99e-07***	0.00	(-0.02,0.02)	0.01	0.721
Income – top quintile	0.06	(0.03,0.09)	0.01	3.5e-05***	-0.01	(-0.03,0.01)	0.01	0.431
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.08	(0.05,0.11)	0.01	1.14e-07***	0.04	(0.01,0.07)	0.01	3.28e-03**
Belief in life after death	0.03	(0.00,0.06)	0.01	0.024*	0.02	(0.00,0.05)	0.01	0.030*
Transformative religious experience	0.02	(-0.00,0.05)	0.01	0.090	0.02	(0.00,0.05)	0.01	0.037*
Religious reading or listening	0.06	(0.03,0.09)	0.01	4.28e-05***	0.03	(0.01,0.06)	0.01	0.009*
Prayer or meditation	0.03	(0.00,0.06)	0.01	0.025*	0.02	(-0.01,0.04)	0.01	0.159
Belief in God/gods/spiritual forces	0.01	(-0.02,0.04)	0.01	0.378	0.01	(-0.01,0.04)	0.01	0.342
Religious centrality	0.05	(0.02,0.08)	0.01	6.86e-04**	0.01	(-0.02,0.03)	0.01	0.670
Religious/spiritual comfort	0.06	(0.03,0.08)	0.01	4.23e-05***	0.03	(0.00,0.05)	0.01	0.020*
Feel loved by God	0.07	(0.05,0.10)	0.01	2.14e-07***	0.03	(0.00,0.05)	0.01	0.042*
Feel punished by God	-0.08	(-0.11,-0.05)	0.02	6.41e-07***	-0.04	(-0.06,-0.01)	0.01	3.15e-03**
Experienced religious criticism	-0.03	(-0.06,0.00)	0.02	0.068	-0.02	(-0.04,0.01)	0.01	0.220
Faith-sharing	0.02	(-0.01,0.05)	0.01	0.138	0.00	(-0.02,0.03)	0.01	0.804

Notes. N=9506; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S14h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Germany using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.70	(0.67,0.73)	0.01	2.22e-16***	0.54	(0.50,0.58)	0.02	2.22e-16***
Flourishing index	0.67	(0.64,0.70)	0.01	2.22e-16***	0.47	(0.43,0.52)	0.02	2.22e-16***
Happiness & life satisfaction	0.53	(0.50,0.56)	0.02	2.22e-16***	0.22	(0.18,0.26)	0.02	2.22e-16***
Physical & mental health	0.47	(0.43,0.50)	0.02	2.22e-16***	0.16	(0.12,0.20)	0.02	2.22e-16***
Meaning & purpose	0.53	(0.50,0.56)	0.02	2.22e-16***	0.27	(0.23,0.30)	0.02	2.22e-16***
Character & virtue	0.33	(0.29,0.37)	0.02	2.22e-16***	0.13	(0.10,0.16)	0.01	2.22e-16***
Close social relationships	0.44	(0.40,0.48)	0.02	2.22e-16***	0.18	(0.15,0.22)	0.02	2.22e-16***
Financial & material security	0.38	(0.35,0.42)	0.02	2.22e-16***	0.18	(0.15,0.21)	0.02	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.50	(0.47,0.54)	0.02	2.22e-16***	0.19	(0.15,0.23)	0.02	2.22e-16***
Happiness (a)	0.50	(0.47,0.53)	0.02	2.22e-16***	0.17	(0.14,0.21)	0.02	2.22e-16***
Self-rated physical health (b)	0.36	(0.32,0.40)	0.02	2.22e-16***	0.12	(0.08,0.15)	0.02	1.37e-10***
Self-rated mental health (b)	0.46	(0.42,0.49)	0.02	2.22e-16***	0.13	(0.09,0.16)	0.02	1.94e-12***
Understanding purpose (c)	0.43	(0.40,0.47)	0.02	2.22e-16***	0.19	(0.16,0.22)	0.02	2.22e-16***
Meaningful activities (c)	0.45	(0.41,0.48)	0.02	2.22e-16***	0.18	(0.15,0.22)	0.02	2.22e-16***
Orientation to promote good (d)	0.28	(0.24,0.32)	0.02	2.22e-16***	0.10	(0.07,0.13)	0.01	6.67e-11***
Delayed gratification (d)	0.25	(0.21,0.28)	0.02	2.22e-16***	0.09	(0.06,0.12)	0.01	3.33e-11***
Relationship contentment (e)	0.41	(0.38,0.45)	0.02	2.22e-16***	0.16	(0.12,0.19)	0.02	2.22e-16***
Relationship satisfaction (e)	0.41	(0.38,0.45)	0.02	2.22e-16***	0.15	(0.12,0.19)	0.02	2.22e-16***
Financial security (f)	0.34	(0.31,0.38)	0.02	2.22e-16***	0.15	(0.12,0.18)	0.02	2.22e-16***
Material security (f)	0.36	(0.32,0.39)	0.02	2.22e-16***	0.15	(0.12,0.18)	0.02	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.41	(0.38,0.45)	0.02	2.22e-16***	0.15	(0.12,0.19)	0.02	2.22e-16***
Future life evaluation	0.40	(0.36,0.43)	0.02	2.22e-16***	0.16	(0.13,0.19)	0.02	2.22e-16***
Optimism	0.39	(0.35,0.42)	0.02	2.22e-16***	0.13	(0.09,0.16)	0.02	1.55e-15***
Freedom to pursue what's important	0.39	(0.36,0.43)	0.02	2.22e-16***	0.14	(0.11,0.17)	0.02	2.22e-16***
Inner peace	0.32	(0.29,0.35)	0.02	2.22e-16***	0.02	(-0.01,0.06)	0.02	0.196
Life balance	0.33	(0.29,0.36)	0.02	2.22e-16***	0.05	(0.02,0.08)	0.02	3.3e-03**
Sense of mastery	0.23	(0.19,0.26)	0.02	2.22e-16***	0.03	(0.01,0.06)	0.01	0.019*
<i>Psychological Distress</i>								
Traumatic distress	-0.12	(-0.16,-0.09)	0.02	5.62e-12***	-0.01	(-0.04,0.02)	0.01	0.594
Depression symptoms composite	-0.27	(-0.31,-0.23)	0.02	2.22e-16***	0.04	(-0.01,0.08)	0.02	0.086
Depression – feel hopeless	-0.28	(-0.31,-0.24)	0.02	2.22e-16***	0.06	(0.01,0.11)	0.02	0.023*
Depression – loss of interest	-0.25	(-0.29,-0.21)	0.02	2.22e-16***	0.00	(-0.04,0.04)	0.02	0.993
Anxiety symptoms composite	-0.25	(-0.29,-0.21)	0.02	2.22e-16***	0.05	(0.02,0.09)	0.02	4.62e-03**
Anxiety – feel on edge	-0.24	(-0.28,-0.20)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	2.58e-03**
Anxiety – cannot stop worrying	-0.24	(-0.27,-0.20)	0.02	2.22e-16***	0.05	(0.01,0.09)	0.02	0.020*
Suffering	-0.25	(-0.29,-0.22)	0.02	2.22e-16***	-0.03	(-0.06,-0.01)	0.01	0.021*
<i>Social Well-Being</i>								
Social support	0.30	(0.26,0.34)	0.02	2.22e-16***	0.10	(0.07,0.13)	0.02	5.34e-10***
Intimate/close friend	0.16	(0.12,0.20)	0.02	2.22e-16***	0.05	(0.02,0.08)	0.01	2.02e-03**
Government approval	0.15	(0.12,0.18)	0.02	2.22e-16***	0.03	(0.01,0.06)	0.01	0.012*
Say in government	0.09	(0.06,0.13)	0.02	3e-08***	0.02	(-0.01,0.04)	0.01	0.176
Belonging in country	0.20	(0.16,0.24)	0.02	2.22e-16***	0.04	(0.01,0.07)	0.02	0.017*
City/place satisfaction	0.20	(0.16,0.24)	0.02	2.22e-16***	0.05	(0.03,0.08)	0.01	1.67e-04***
Trust within country	0.16	(0.13,0.20)	0.02	2.22e-16***	0.04	(0.01,0.07)	0.01	3.34e-03**
<i>Social Participation</i>								
Ever been married	0.06	(-0.02,0.13)	0.04	0.134	0.01	(-0.05,0.07)	0.03	0.821
Currently divorced	0.01	(-0.03,0.04)	0.02	0.748	-0.02	(-0.05,0.00)	0.01	0.086
Number of children	0.05	(0.02,0.08)	0.02	2.66e-03**	0.02	(-0.00,0.05)	0.01	0.077
Weekly+ community participation	0.05	(0.02,0.09)	0.02	4.17e-03**	0.01	(-0.02,0.04)	0.01	0.510
Weekly+ religious attendance	0.04	(0.00,0.08)	0.02	0.046*	-0.02	(-0.05,0.02)	0.02	0.363
<i>Social Distress</i>								
Loneliness	-0.37	(-0.41,-0.33)	0.02	2.22e-16***	-0.14	(-0.17,-0.10)	0.02	2.22e-16***
Perceived discrimination	-0.07	(-0.11,-0.04)	0.02	4.37e-05***	-0.02	(-0.05,0.01)	0.02	0.203
<i>Character & Prosocial Behavior</i>								
Hope	0.42	(0.38,0.45)	0.02	2.22e-16***	0.14	(0.10,0.17)	0.02	2.22e-16***
Gratitude	0.38	(0.35,0.42)	0.02	2.22e-16***	0.14	(0.11,0.17)	0.02	2.22e-16***
Showing love/care	0.26	(0.22,0.29)	0.02	2.22e-16***	0.07	(0.04,0.11)	0.02	4.4e-06***
Forgivingness	0.09	(0.05,0.12)	0.02	1.33e-06***	0.02	(-0.00,0.05)	0.01	0.086
Charitable giving	0.07	(0.04,0.11)	0.02	8.37e-05***	0.03	(-0.00,0.06)	0.01	0.070
Helping strangers	0.05	(0.01,0.08)	0.02	0.012*	0.00	(-0.02,0.03)	0.01	0.792
Volunteering	0.03	(-0.00,0.06)	0.02	0.094	-0.01	(-0.03,0.02)	0.01	0.611
<i>Physical Health & Health Behavior</i>								
Health problems	-0.18	(-0.22,-0.15)	0.02	2.22e-16***	-0.06	(-0.09,-0.03)	0.01	3.56e-05***
Pain in past 4 weeks	-0.15	(-0.19,-0.12)	0.02	2.22e-16***	-0.01	(-0.04,0.02)	0.01	0.645
Daily smoker	-0.04	(-0.08,-0.01)	0.02	0.022*	-0.02	(-0.04,0.01)	0.01	0.249
Number of drinks per week	-0.03	(-0.06,-0.00)	0.01	0.031*	-0.02	(-0.05,0.01)	0.01	0.148
Days exercise per week	0.11	(0.08,0.15)	0.02	8.83e-12***	0.02	(-0.01,0.05)	0.01	0.122
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.13	(0.09,0.16)	0.02	8.22e-15***	0.06	(0.03,0.09)	0.01	9.15e-06***
Currently employed	0.08	(0.03,0.13)	0.02	7.27e-04**	0.03	(-0.00,0.06)	0.02	0.082
Financially comfortable/getting by	0.26	(0.22,0.29)	0.02	2.22e-16***	0.11	(0.08,0.14)	0.02	2.65e-12***
Own home	0.05	(0.01,0.08)	0.02	0.010*	-0.01	(-0.03,0.02)	0.01	0.546
Income – top quintile	0.07	(0.03,0.10)	0.02	8.6e-05***	-0.01	(-0.04,0.02)	0.01	0.520
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.06	(0.03,0.10)	0.02	4.09e-04***	0.02	(-0.01,0.06)	0.02	0.205
Belief in life after death	0.02	(-0.01,0.06)	0.02	0.166	0.02	(-0.01,0.05)	0.02	0.192
Transformative religious experience	0.03	(-0.00,0.06)	0.02	0.051	0.02	(-0.01,0.05)	0.01	0.160
Religious reading or listening	0.06	(0.02,0.10)	0.02	1.2e-03**	0.03	(-0.01,0.06)	0.02	0.105
Prayer or meditation	0.04	(0.01,0.08)	0.02	0.015*	0.01	(-0.02,0.04)	0.02	0.584
Belief in God/gods/spiritual forces	0.02	(-0.02,0.06)	0.02	0.264	0.02	(-0.01,0.05)	0.02	0.290
Religious centrality	0.05	(0.02,0.09)	0.02	1.91e-03**	0.01	(-0.03,0.04)	0.02	0.673
Religious/spiritual comfort	0.07	(0.04,0.11)	0.02	2.59e-05***	0.04	(0.01,0.08)	0.02	0.014*
Feel loved by God	0.07	(0.04,0.11)	0.02	2.34e-05***	0.03	(0.00,0.06)	0.02	0.049*
Feel punished by God	-0.06	(-0.10,-0.03)	0.02	3.52e-04***	-0.03	(-0.06,0.00)	0.02	0.097
Experienced religious criticism	-0.04	(-0.07,0.00)	0.02	0.052	-0.01	(-0.04,0.02)	0.01	0.506
Faith-sharing	0.02	(-0.01,0.06)	0.02	0.169	0.01	(-0.02,0.04)	0.02	0.463

Notes. N=5529; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S14i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Germany

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.65	2.61	2.27	2.21	2.56	2.49	2.21	2.13
Flourishing index	2.59	2.54	2.14	2.08	2.50	2.44	2.08	2.00
Happiness & life satisfaction	1.94	1.90	1.47	1.43	1.90	1.86	1.46	1.41
Physical & mental health	1.86	1.82	1.40	1.36	1.81	1.76	1.37	1.31
Meaning & purpose	1.96	1.92	1.55	1.51	1.92	1.87	1.54	1.49
Character & virtue	1.71	1.66	1.36	1.32	1.72	1.66	1.37	1.31
Close social relationships	1.71	1.68	1.39	1.36	1.70	1.65	1.38	1.33
Financial & material security	1.56	1.53	1.34	1.31	1.54	1.50	1.33	1.29
Individual Flourishing Index Items								
Life satisfaction	1.83	1.80	1.39	1.36	1.81	1.76	1.39	1.34
Happiness	1.89	1.85	1.40	1.36	1.86	1.81	1.39	1.34
Self-rated physical health	1.66	1.62	1.29	1.25	1.62	1.57	1.29	1.23
Self-rated mental health	1.75	1.72	1.34	1.30	1.71	1.66	1.29	1.24
Understanding purpose	1.67	1.64	1.37	1.34	1.64	1.60	1.36	1.32
Meaningful activities	1.79	1.75	1.39	1.35	1.77	1.72	1.40	1.35
Orientation to promote good	1.57	1.52	1.29	1.25	1.56	1.51	1.28	1.22
Delayed gratification	1.45	1.42	1.23	1.20	1.47	1.42	1.24	1.20
Relationship contentment	1.68	1.64	1.35	1.31	1.66	1.62	1.34	1.29
Relationship satisfaction	1.63	1.60	1.32	1.29	1.62	1.58	1.31	1.27
Financial security	1.49	1.47	1.28	1.26	1.47	1.43	1.27	1.24
Material security	1.52	1.49	1.29	1.26	1.50	1.47	1.28	1.24
Psychological Well-Being								
Current life evaluation	1.78	1.74	1.35	1.31	1.76	1.71	1.37	1.32
Future life evaluation	1.73	1.69	1.37	1.33	1.70	1.66	1.36	1.32
Optimism	1.65	1.61	1.28	1.24	1.64	1.60	1.30	1.25
Freedom to pursue what's important	1.66	1.62	1.31	1.28	1.65	1.61	1.32	1.27
Inner peace	3.78	3.54	1.32	1.11	3.55	3.24	1.29	1.00
Life balance	3.71	3.47	1.48	1.32	3.44	3.14	1.45	1.22
Sense of mastery	2.94	2.71	1.44	1.27	2.92	2.62	1.40	1.14
Psychological Distress								
Traumatic distress	1.93	1.78	1.23	1.00	1.87	1.67	1.14	1.00
Depression symptoms composite	3.52	3.22	1.36	1.00	3.34	2.95	1.42	1.00
Depression – feel hopeless	3.67	3.33	1.65	1.37	3.60	3.17	1.60	1.17
Depression – loss of interest	3.52	3.20	1.05	1.00	3.35	2.92	1.02	1.00
Anxiety symptoms composite	3.05	2.81	1.44	1.23	2.96	2.66	1.50	1.24
Anxiety – feel on edge	3.21	2.93	1.55	1.33	3.07	2.70	1.61	1.30
Anxiety – cannot stop worrying	3.07	2.81	1.35	1.04	2.98	2.66	1.49	1.15
Suffering	2.64	2.48	1.39	1.25	2.55	2.36	1.33	1.11
Social Well-Being								
Social support	1.55	1.52	1.26	1.23	1.53	1.49	1.25	1.20
Intimate/close friend	2.34	2.11	1.53	1.36	2.37	2.08	1.50	1.26
Government approval	1.99	1.85	1.26	1.10	1.98	1.80	1.33	1.13
Say in government	1.72	1.58	1.22	1.00	1.66	1.48	1.22	1.00
Belonging in country	1.39	1.36	1.13	1.08	1.37	1.32	1.13	1.05
City/place satisfaction	2.39	2.19	1.40	1.24	2.51	2.23	1.52	1.32
Trust within country	2.10	1.94	1.28	1.07	2.13	1.91	1.40	1.20
Social Participation								
Ever been married	1.45	1.00	1.16	1.00	1.47	1.00	1.13	1.00
Currently divorced	1.05	1.00	1.29	1.00	1.16	1.00	1.37	1.00
Number of children	1.25	1.07	1.15	1.00	1.28	1.15	1.17	1.00
Weekly+ community participation	1.58	1.41	1.19	1.00	1.48	1.23	1.16	1.00
Weekly+ religious attendance	1.49	1.17	1.19	1.00	1.57	1.06	1.30	1.00
Social Distress								
Loneliness	1.56	1.54	1.31	1.28	1.53	1.49	1.27	1.23
Perceived discrimination	1.75	1.55	1.31	1.06	1.73	1.45	1.29	1.00
Character & Prosocial Behavior								
Hope	1.76	1.73	1.34	1.30	1.72	1.67	1.33	1.28
Gratitude	1.65	1.61	1.32	1.28	1.63	1.58	1.32	1.27
Showing love/care	1.49	1.45	1.24	1.20	1.50	1.45	1.22	1.16
Forgivingness	1.60	1.44	1.19	1.00	1.68	1.47	1.27	1.00
Charitable giving	1.65	1.49	1.38	1.23	1.56	1.35	1.29	1.00
Helping strangers	1.38	1.20	1.20	1.00	1.40	1.16	1.09	1.00
Volunteering	1.43	1.25	1.09	1.00	1.33	1.00	1.14	1.00
Physical Health & Health Behavior								
Health problems	2.40	2.23	1.56	1.43	2.24	2.03	1.50	1.33
Pain in past 4 weeks	2.10	1.96	1.11	1.00	1.99	1.81	1.13	1.00
Daily smoker	1.34	1.12	1.20	1.00	1.42	1.13	1.22	1.00
Number of drinks per week	1.05	1.01	1.05	1.00	1.06	1.02	1.05	1.00
Days exercise per week	1.26	1.22	1.11	1.04	1.28	1.22	1.10	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.82	1.67	1.38	1.23	1.87	1.69	1.49	1.33
Currently employed	1.56	1.36	1.23	1.00	1.59	1.33	1.30	1.00
Financially comfortable/getting by	3.10	2.86	1.90	1.75	2.94	2.65	1.87	1.67
Own home	1.50	1.36	1.09	1.00	1.39	1.16	1.14	1.00
Income – top quintile	1.56	1.37	1.16	1.00	1.60	1.37	1.17	1.00
Religion & Spirituality								
Religious/spiritual connection	1.58	1.42	1.37	1.19	1.50	1.29	1.25	1.00
Belief in life after death	1.31	1.10	1.28	1.07	1.27	1.00	1.24	1.00
Transformative religious experience	1.29	1.00	1.29	1.06	1.36	1.00	1.26	1.00
Religious reading or listening	1.79	1.49	1.49	1.21	1.81	1.41	1.44	1.00
Prayer or meditation	1.38	1.11	1.26	1.00	1.46	1.16	1.17	1.00
Belief in God/gods/spiritual forces	1.18	1.00	1.17	1.00	1.23	1.00	1.21	1.00
Religious centrality	1.49	1.28	1.13	1.00	1.54	1.28	1.15	1.00
Religious/spiritual comfort	1.50	1.32	1.32	1.11	1.61	1.39	1.42	1.16
Feel loved by God	1.60	1.43	1.29	1.05	1.60	1.39	1.34	1.02
Feel punished by God	2.02	1.68	1.54	1.26	1.84	1.47	1.45	1.00
Experienced religious criticism	1.53	1.00	1.35	1.00	1.64	1.00	1.27	1.00
Faith-sharing	1.27	1.00	1.09	1.00	1.30	1.00	1.19	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates.

E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S15a. Weighted summary statistics for demographic and childhood variables in Hong Kong

Characteristic	Wave 1 N = 3,012	Wave 2 N = 608
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	13 (0.4%)	4 (0.7%)
1943-1953 (current age: 70-79 years)	144 (4.8%)	38 (6.3%)
1953-1963 (current age: 60-69 years)	586 (19.5%)	116 (19.1%)
1963-1973 (current age: 50-59 years)	703 (23.3%)	128 (21.0%)
1973-1983 (current age: 40-49 years)	577 (19.2%)	132 (21.6%)
1983-1993 (current age: 30-39 years)	533 (17.7%)	118 (19.4%)
1993-1998 (current age: 25-29 years)	206 (6.8%)	41 (6.7%)
1998-2005 (current age: 18-24 years)	250 (8.3%)	31 (5.1%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	47.4	48.3
Standard Deviation	15.1	14.5
Min, Max	18.0, 85.0	20.0, 80.0
<i>Gender, n (%)</i>		
Male	1,380 (45.8%)	275 (45.3%)
Female	1,629 (54.1%)	332 (54.7%)
Other	2 (0.1%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	757 (25.1%)	195 (32.1%)
Married	2,051 (68.1%)	358 (58.8%)
Separated	19 (0.6%)	3 (0.5%)
Divorced	103 (3.4%)	31 (5.0%)
Widowed	46 (1.5%)	12 (2.0%)
Domestic partner	37 (1.2%)	9 (1.5%)
(Missing)	1 (0.0%)	0 (0%)
<i>Education (years), n (%)</i>		
Up to 8	401 (13.3%)	41 (6.7%)
9-15	2,083 (69.2%)	397 (65.4%)
16+	528 (17.5%)	170 (27.9%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	2,084 (69.2%)	432 (71.1%)
Self-employed	247 (8.2%)	43 (7.1%)
Retired	387 (12.8%)	80 (13.2%)
Student	62 (2.1%)	6 (1.0%)
Homemaker	115 (3.8%)	27 (4.5%)
Unemployed and looking for a job	62 (2.1%)	15 (2.5%)
None of these/Other	37 (1.2%)	3 (0.5%)
(Missing)	19 (0.6%)	0 (0%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	237 (7.9%)	18 (3.0%)
Once a week	561 (18.6%)	88 (14.5%)
One to three times a month	333 (11.1%)	20 (3.2%)
A few times a year	542 (18.0%)	113 (18.6%)
Never	1,338 (44.4%)	369 (60.7%)
(Missing)	1 (0.0%)	0 (0%)
<i>Immigration status, n (%)</i>		
Born in this country	2,650 (88.0%)	522 (85.9%)

Table S15a. Weighted summary statistics for demographic and childhood variables in Hong Kong

Characteristic	Wave 1 N = 3,012	Wave 2 N = 608
Born in another country	308 (10.2%)	74 (12.1%)
(Missing)	54 (1.8%)	12 (2.0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,750 (91.3%)	549 (90.4%)
Parents were divorced	115 (3.8%)	25 (4.1%)
Parents were never married	43 (1.4%)	14 (2.3%)
One or both of them had died	50 (1.6%)	13 (2.1%)
Unsure	53 (1.8%)	6 (1.0%)
(Missing)	1 (0.0%)	0 (0%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	427 (14.2%)	58 (9.5%)
One to three times a month	535 (17.8%)	65 (10.6%)
Less than once a month	742 (24.6%)	186 (30.5%)
Never	1,303 (43.3%)	300 (49.3%)
(Missing)	4 (0.1%)	0 (0%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	1,070 (35.5%)	202 (33.2%)
Somewhat good	1,170 (38.8%)	226 (37.3%)
Somewhat bad	297 (9.8%)	78 (12.8%)
Very bad	49 (1.6%)	26 (4.3%)
(Does not apply)	423 (14.1%)	75 (12.4%)
(Missing)	3 (0.1%)	0 (0.0%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	856 (28.4%)	148 (24.4%)
Somewhat good	1,101 (36.5%)	231 (38.0%)
Somewhat bad	396 (13.1%)	86 (14.2%)
Very bad	105 (3.5%)	41 (6.7%)
(Does not apply)	551 (18.3%)	102 (16.8%)
(Missing)	4 (0.1%)	0 (0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	671 (22.3%)	91 (15.0%)
No	2,216 (73.6%)	508 (83.6%)
(Missing)	126 (4.2%)	9 (1.4%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	321 (10.7%)	58 (9.6%)
No	2,687 (89.2%)	549 (90.4%)
(Missing)	4 (0.1%)	0 (0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	548 (18.2%)	46 (7.6%)
Very good	1,073 (35.6%)	203 (33.4%)
Good	858 (28.5%)	225 (37.1%)
Fair	428 (14.2%)	105 (17.3%)
Poor	92 (3.1%)	26 (4.3%)
(Missing)	12 (0.4%)	2 (0.3%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	912 (30.3%)	93 (15.4%)
Got by	1,530 (50.8%)	338 (55.6%)
Found it difficult	466 (15.5%)	145 (23.9%)
Found it very difficult	82 (2.7%)	25 (4.1%)
(Missing)	23 (0.7%)	7 (1.1%)

Table S15a. Weighted summary statistics for demographic and childhood variables in Hong Kong

Characteristic	Wave 1 N = 3,012	Wave 2 N = 608
<i>Religious affiliation growing up, n (%)</i>		
Christianity	711 (23.6%)	119 (19.6%)
Taoism	77 (2.6%)	23 (3.8%)
Confucianism	10 (0.3%)	0 (0%)
Primal, Animist, or Folk religion	17 (0.6%)	2 (0.3%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	110 (3.7%)	27 (4.5%)
Islam	88 (2.9%)	2 (0.4%)
Hinduism	28 (0.9%)	1 (0.1%)
Buddhism	324 (10.8%)	47 (7.7%)
Judaism	17 (0.6%)	1 (0.1%)
Sikhism	4 (0.1%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	1 (0.0%)	0 (0.1%)
Shinto	18 (0.6%)	0 (0%)
Some other religion	4 (0.1%)	3 (0.4%)
No religion/Atheist/Agnostic	1,602 (53.2%)	383 (63.0%)
(Missing)	1 (0.0%)	0 (0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S15b. Weighted summary statistics for exposure and outcome variables in Hong Kong

Outcome	Wave 1 N = 3,012	Wave 2 N = 608
<i>Secure flourishing index</i>		
Mean	7.1	6.4
Standard Deviation	1.8	1.5
Min, Max	0.0, 10.0	1.4, 10.0
(Missing)	179 (5.9%)	25 (4.1%)
<i>Flourishing index</i>		
Mean	7.1	6.4
Standard Deviation	1.8	1.5
Min, Max	0.0, 10.0	1.2, 10.0
(Missing)	144 (4.8%)	24 (3.9%)
<i>Happiness & life satisfaction</i>		
Mean	7.1	6.3
Standard Deviation	2.0	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	54 (1.8%)	13 (2.2%)
<i>Physical & mental health</i>		
Mean	7.1	6.4
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.6%)	8 (1.3%)
<i>Meaning & purpose</i>		
Mean	7.2	6.5
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	35 (1.2%)	7 (1.1%)
<i>Character & virtue</i>		
Mean	7.2	6.5
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.4%)	5 (0.9%)
<i>Close social relationships</i>		
Mean	7.1	6.5
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	65 (2.2%)	15 (2.5%)
<i>Financial & material security</i>		
Mean	6.8	6.3
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	43 (1.4%)	3 (0.5%)
<i>Life satisfaction</i>		
Mean	7.0	6.2
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	51 (1.7%)	13 (2.2%)
<i>Happiness</i>		
Mean	7.1	6.4
Standard Deviation	2.0	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	0 (0%)

Table S15b. Weighted summary statistics for exposure and outcome variables in Hong Kong

Outcome	Wave 1 N = 3,012	Wave 2 N = 608
<i>Self-rated physical health</i>		
Mean	7.1	6.3
Standard Deviation	2.0	1.7
Min, Max	0.0, 10.0	0.0, 10.0
<i>Self-rated mental health</i>		
Mean	7.2	6.6
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.6%)	7 (1.2%)
<i>Understanding purpose</i>		
Mean	7.2	6.5
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (0%)
<i>Meaningful activities</i>		
Mean	7.2	6.6
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	34 (1.1%)	7 (1.1%)
<i>Orientation to promote good</i>		
Mean	7.3	6.6
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Delayed gratification</i>		
Mean	7.1	6.4
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.4%)	5 (0.9%)
<i>Relationship contentment</i>		
Mean	7.2	6.6
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.9%)	7 (1.1%)
<i>Relationship satisfaction</i>		
Mean	7.1	6.4
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	42 (1.4%)	9 (1.4%)
<i>Financial security</i>		
Mean	6.8	6.3
Standard Deviation	2.7	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (0%)
<i>Material security</i>		
Mean	6.9	6.4
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	42 (1.4%)	3 (0.5%)
<i>Current life evaluation</i>		
Mean	6.8	6.0

Table S15b. Weighted summary statistics for exposure and outcome variables in Hong Kong

Outcome	Wave 1 N = 3,012	Wave 2 N = 608
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (0%)
<i>Future life evaluation</i>		
Mean	7.1	6.3
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	39 (1.3%)	13 (2.2%)
<i>Optimism</i>		
Mean	7.2	6.6
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	1 (0.1%)
<i>Freedom to pursue what's important</i>		
Mean	7.3	6.7
Standard Deviation	2.1	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.5%)	1 (0.2%)
<i>Inner peace, n (%)</i>		
Always	919 (30.5%)	139 (22.8%)
Often	1,735 (57.6%)	373 (61.3%)
Rarely	332 (11.0%)	92 (15.1%)
Never	24 (0.8%)	4 (0.7%)
(Missing)	2 (0.1%)	0 (0%)
<i>Life balance, n (%)</i>		
Always	720 (23.9%)	97 (15.9%)
Often	1,671 (55.5%)	388 (63.9%)
Rarely	581 (19.3%)	117 (19.3%)
Never	28 (0.9%)	4 (0.7%)
(Missing)	11 (0.4%)	1 (0.2%)
<i>Sense of mastery, n (%)</i>		
Always	810 (26.9%)	109 (18.0%)
Often	1,759 (58.4%)	398 (65.5%)
Rarely	404 (13.4%)	94 (15.5%)
Never	30 (1.0%)	6 (1.0%)
(Missing)	8 (0.3%)	0 (0%)
<i>Traumatic distress, n (%)</i>		
A lot	319 (10.6%)	31 (5.1%)
Some	809 (26.9%)	155 (25.5%)
Not very much	971 (32.2%)	205 (33.8%)
Not at all	909 (30.2%)	214 (35.2%)
(Missing)	4 (0.1%)	3 (0.5%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,372 (45.9%)	214 (35.5%)
	22 (0.7%)	4 (0.6%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	230 (7.6%)	14 (2.3%)
More than half the days	495 (16.4%)	100 (16.5%)
Several days	1,434 (47.6%)	285 (46.9%)
Not at all	833 (27.7%)	205 (33.7%)
(Missing)	21 (0.7%)	4 (0.6%)

Table S15b. Weighted summary statistics for exposure and outcome variables in Hong Kong

Outcome	Wave 1 N = 3,012	Wave 2 N = 608
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	410 (13.6%)	35 (5.8%)
More than half the days	913 (30.3%)	181 (29.9%)
Several days	1,152 (38.2%)	258 (42.4%)
Not at all	535 (17.8%)	133 (21.9%)
(Missing)	1 (0.0%)	0 (0%)
<i>Anxiety symptoms composite, n (%)</i>	859 (28.8%)	132 (21.8%)
(Missing)	32 (1.1%)	1 (0.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	216 (7.2%)	25 (4.1%)
More than half the days	529 (17.6%)	96 (15.9%)
Several days	1,401 (46.5%)	302 (49.7%)
Not at all	842 (28.0%)	184 (30.2%)
(Missing)	23 (0.8%)	1 (0.1%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	225 (7.5%)	11 (1.8%)
More than half the days	462 (15.4%)	95 (15.6%)
Several days	1,181 (39.2%)	216 (35.6%)
Not at all	1,136 (37.7%)	285 (46.8%)
(Missing)	9 (0.3%)	1 (0.1%)
<i>Suffering, n (%)</i>		
A lot	365 (12.1%)	31 (5.2%)
Some	1,099 (36.5%)	229 (37.7%)
Not very much	1,124 (37.3%)	274 (45.0%)
Not at all	423 (14.0%)	73 (12.1%)
(Missing)	1 (0.0%)	0 (0%)
<i>Social support</i>		
Mean	6.4	5.5
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (0%)
<i>Intimate/close friend, n (%)</i>		
Yes	2,508 (83.3%)	489 (80.5%)
No	499 (16.6%)	119 (19.5%)
(Missing)	5 (0.2%)	0 (0%)
<i>Government approval, n (%)</i>		
Strongly approve	608 (20.2%)	22 (3.7%)
Somewhat approve	973 (32.3%)	183 (30.1%)
Neither approve nor disapprove	728 (24.2%)	217 (35.7%)
Somewhat disapprove	388 (12.9%)	96 (15.8%)
Strongly disapprove	311 (10.3%)	87 (14.3%)
(Missing)	5 (0.2%)	3 (0.4%)
<i>Say in government, n (%)</i>		
Agree	1,413 (46.9%)	206 (33.8%)
Disagree	875 (29.1%)	226 (37.3%)
Unsure	717 (23.8%)	171 (28.1%)
(Missing)	6 (0.2%)	5 (0.8%)
<i>Belonging in country</i>		
Mean	7.4	6.9
Standard Deviation	2.2	2.1

Table S15b. Weighted summary statistics for exposure and outcome variables in Hong Kong

Outcome	Wave 1 N = 3,012	Wave 2 N = 608
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	0 (0%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	2,101 (69.8%)	355 (58.4%)
Dissatisfied	612 (20.3%)	157 (25.8%)
Unsure	297 (9.9%)	96 (15.7%)
(Missing)	2 (0.1%)	0 (0%)
<i>Trust within country, n (%)</i>		
All people	274 (9.1%)	8 (1.3%)
Most people	1,161 (38.6%)	211 (34.7%)
Some people	1,007 (33.4%)	248 (40.8%)
Not very many people	523 (17.4%)	137 (22.5%)
None	46 (1.5%)	4 (0.6%)
(Missing)	2 (0.1%)	0 (0.0%)
<i>Number of children</i>		
Mean	0.6	0.5
Standard Deviation	1.0	1.0
Min, Max	0.0, 12.0	0.0, 12.0
(Missing)	39 (1.3%)	93 (15%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	238 (7.9%)	14 (2.4%)
Once a week	403 (13.4%)	43 (7.1%)
One to three times a month	401 (13.3%)	37 (6.1%)
A few times a year	614 (20.4%)	151 (24.8%)
Never	1,350 (44.8%)	362 (59.7%)
(Missing)	5 (0.2%)	0 (0%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	237 (7.9%)	18 (3.0%)
Once a week	561 (18.6%)	88 (14.5%)
One to three times a month	333 (11.1%)	20 (3.2%)
A few times a year	542 (18.0%)	113 (18.6%)
Never	1,338 (44.4%)	369 (60.7%)
(Missing)	1 (0.0%)	0 (0%)
<i>Loneliness</i>		
Mean	3.3	3.7
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.7%)	6 (1.0%)
<i>Perceived discrimination, n (%)</i>		
Always	266 (8.8%)	21 (3.4%)
Often	568 (18.9%)	90 (14.7%)
Rarely	1,251 (41.5%)	311 (51.1%)
Never	921 (30.6%)	187 (30.7%)
(Missing)	5 (0.2%)	0 (0%)
<i>Hope</i>		
Mean	7.3	6.5
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.3%)	0 (0%)
<i>Gratitude</i>		

Table S15b. Weighted summary statistics for exposure and outcome variables in Hong Kong

Outcome	Wave 1 N = 3,012	Wave 2 N = 608
Mean	6.9	6.3
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	1 (0.2%)
<i>Showing love/care</i>		
Mean	6.5	5.7
Standard Deviation	2.6	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	6 (0.9%)
<i>Forgivingness, n (%)</i>		
Always	502 (16.7%)	67 (11.1%)
Often	1,351 (44.9%)	278 (45.8%)
Rarely	999 (33.2%)	245 (40.3%)
Never	145 (4.8%)	17 (2.7%)
(Missing)	14 (0.5%)	0 (0%)
<i>Charitable giving, n (%)</i>		
Yes	1,526 (50.7%)	208 (34.2%)
No	1,476 (49.0%)	400 (65.8%)
(Missing)	10 (0.3%)	0 (0%)
<i>Helping strangers, n (%)</i>		
Yes	1,950 (64.7%)	275 (45.3%)
No	1,055 (35.0%)	332 (54.7%)
(Missing)	7 (0.2%)	0 (0%)
<i>Volunteering, n (%)</i>		
Yes	1,041 (34.6%)	79 (13.0%)
No	1,959 (65.0%)	529 (87.0%)
(Missing)	12 (0.4%)	0 (0%)
<i>Health problems, n (%)</i>		
Yes	622 (20.6%)	105 (17.3%)
No	2,388 (79.3%)	491 (80.8%)
(Missing)	2 (0.1%)	12 (1.9%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	324 (10.7%)	39 (6.3%)
Some	1,031 (34.2%)	230 (37.8%)
Not very much	1,095 (36.4%)	226 (37.2%)
None at all	549 (18.2%)	113 (18.6%)
(Missing)	13 (0.4%)	0 (0%)
<i>Number of drinks per week</i>		
Mean	1.7	1.1
Standard Deviation	2.9	2.7
Min, Max	0.0, 56.0	0.0, 35.0
(Missing)	29 (1.0%)	3 (0.5%)
<i>Days exercise per week</i>		
Mean	2.2	1.9
Standard Deviation	2.2	2.1
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	5 (0.2%)	2 (0.3%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	401 (13.3%)	41 (6.7%)
9-15	2,083 (69.2%)	397 (65.4%)

Table S15b. Weighted summary statistics for exposure and outcome variables in Hong Kong

Outcome	Wave 1 N = 3,012	Wave 2 N = 608
16+	528 (17.5%)	170 (27.9%)
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	2,084 (69.2%)	432 (71.1%)
Self-employed	247 (8.2%)	43 (7.1%)
Retired	387 (12.8%)	80 (13.2%)
Student	62 (2.1%)	6 (1.0%)
Homemaker	115 (3.8%)	27 (4.5%)
Unemployed and looking for a job	62 (2.1%)	15 (2.5%)
None of these/Other	37 (1.2%)	3 (0.5%)
(Missing)	19 (0.6%)	0 (0%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	852 (28.3%)	96 (15.8%)
Getting by on present income	1,595 (53.0%)	370 (60.9%)
Finding it difficult on present income	454 (15.1%)	117 (19.2%)
Finding it very difficult on present income	110 (3.6%)	22 (3.7%)
(Missing)	1 (0.0%)	2 (0.3%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,913 (63.5%)	317 (52.2%)
Someone in this household rents this home	691 (23.0%)	151 (24.9%)
Both	71 (2.3%)	19 (3.1%)
Neither	313 (10.4%)	109 (18.0%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	24 (0.8%)	11 (1.8%)
<i>Religious/spiritual connection, n (%)</i>		
Always	499 (16.6%)	60 (9.9%)
Often	884 (29.3%)	128 (21.0%)
Rarely	945 (31.4%)	247 (40.7%)
Never	683 (22.7%)	172 (28.4%)
(Missing)	1 (0.0%)	0 (0%)
<i>Belief in life after death, n (%)</i>		
Yes	1,378 (45.8%)	254 (41.7%)
No	757 (25.1%)	114 (18.7%)
Unsure	873 (29.0%)	234 (38.5%)
(Missing)	3 (0.1%)	6 (1.0%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,272 (42.2%)	182 (29.9%)
No	1,735 (57.6%)	420 (69.1%)
(Missing)	5 (0.2%)	6 (1.0%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	277 (9.2%)	11 (1.8%)
About once a day	515 (17.1%)	40 (6.6%)
Sometimes	943 (31.3%)	205 (33.8%)
Never	1,274 (42.3%)	351 (57.7%)
(Missing)	2 (0.1%)	0 (0.1%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	376 (12.5%)	36 (5.8%)
About once a day	525 (17.4%)	69 (11.4%)

Table S15b. Weighted summary statistics for exposure and outcome variables in Hong Kong

Outcome	Wave 1 N = 3,012	Wave 2 N = 608
Sometimes	983 (32.6%)	190 (31.3%)
Never	1,121 (37.2%)	312 (51.3%)
(Missing)	6 (0.2%)	1 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	717 (23.8%)	142 (23.4%)
More than one god	434 (14.4%)	63 (10.3%)
An impersonal spiritual force	632 (21.0%)	98 (16.1%)
None of these	734 (24.4%)	163 (26.8%)
Unsure	490 (16.3%)	140 (23.1%)
(Missing)	5 (0.2%)	2 (0.3%)
<i>Religious centrality, n (%)</i>		
Agree	960 (31.9%)	148 (24.3%)
Disagree	597 (19.8%)	75 (12.4%)
Not relevant	1,048 (34.8%)	247 (40.7%)
Unsure	400 (13.3%)	138 (22.6%)
(Missing)	7 (0.2%)	0 (0%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,070 (35.5%)	195 (32.1%)
Disagree	539 (17.9%)	74 (12.3%)
Not relevant	1,004 (33.3%)	219 (36.1%)
Unsure	380 (12.6%)	117 (19.3%)
(Missing)	19 (0.6%)	1 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	901 (29.9%)	149 (24.4%)
Disagree	686 (22.8%)	109 (18.0%)
Not relevant	961 (31.9%)	226 (37.2%)
Unsure	428 (14.2%)	123 (20.3%)
(Missing)	36 (1.2%)	0 (0.0%)
<i>Feel punished by God, n (%)</i>		
Agree	655 (21.8%)	91 (15.0%)
Disagree	882 (29.3%)	181 (29.9%)
Not relevant	987 (32.8%)	188 (30.9%)
Unsure	455 (15.1%)	142 (23.4%)
(Missing)	33 (1.1%)	5 (0.8%)
<i>Experienced religious criticism, n (%)</i>		
Agree	512 (17.0%)	69 (11.3%)
Disagree	904 (30.0%)	171 (28.2%)
Not relevant	1,154 (38.3%)	247 (40.6%)
Unsure	419 (13.9%)	119 (19.5%)
(Missing)	23 (0.8%)	2 (0.3%)
<i>Faith-sharing, n (%)</i>		
Agree	964 (32.0%)	147 (24.3%)
Disagree	720 (23.9%)	127 (20.9%)
Not relevant	912 (30.3%)	217 (35.7%)
Unsure	409 (13.6%)	116 (19.2%)
(Missing)	7 (0.2%)	0 (0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S15c. Unweighted summary statistics for demographic and childhood variables in Hong Kong by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 2,142	Retained-Observed in Wave 2 N = 807
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	13 (0.6%)	0 (0%)
1943-1953 (current age: 70-79 years)	86 (4.0%)	56 (6.9%)
1953-1963 (current age: 60-69 years)	416 (19.4%)	159 (19.7%)
1963-1973 (current age: 50-59 years)	510 (23.8%)	177 (21.9%)
1973-1983 (current age: 40-49 years)	376 (17.6%)	191 (23.7%)
1983-1993 (current age: 30-39 years)	351 (16.4%)	173 (21.4%)
1993-1998 (current age: 25-29 years)	168 (7.9%)	32 (4.0%)
1998-2005 (current age: 18-24 years)	221 (10.3%)	20 (2.5%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	46.7	49.3
Standard Deviation	15.5	14.0
Min, Max	18.0, 85.0	20.0, 79.0
<i>Gender, n (%)</i>		
Male	1,007 (47.0%)	342 (42.4%)
Female	1,132 (52.9%)	465 (57.6%)
Other	2 (0.1%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	490 (22.9%)	254 (31.4%)
Married	1,515 (70.7%)	490 (60.6%)
Separated	14 (0.6%)	4 (0.6%)
Divorced	73 (3.4%)	28 (3.4%)
Widowed	25 (1.2%)	20 (2.5%)
Domestic partner	25 (1.2%)	11 (1.4%)
(Missing)	1 (0.0%)	0 (0%)
<i>Education (years), n (%)</i>		
Up to 8	352 (16.4%)	36 (4.4%)
9-15	1,516 (70.8%)	521 (64.6%)
16+	273 (12.8%)	250 (31.0%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,461 (68.2%)	581 (71.9%)
Self-employed	214 (10.0%)	25 (3.2%)
Retired	265 (12.4%)	114 (14.1%)
Student	54 (2.5%)	6 (0.7%)
Homemaker	74 (3.5%)	38 (4.8%)
Unemployed and looking for a job	35 (1.6%)	26 (3.3%)
None of these/Other	24 (1.1%)	12 (1.5%)
(Missing)	15 (0.7%)	4 (0.5%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	214 (10.0%)	15 (1.9%)
Once a week	464 (21.7%)	82 (10.1%)
One to three times a month	262 (12.2%)	63 (7.8%)
A few times a year	371 (17.3%)	160 (19.8%)
Never	829 (38.7%)	488 (60.4%)
(Missing)	1 (0.0%)	0 (0%)
<i>Immigration status, n (%)</i>		

Table S15c. Unweighted summary statistics for demographic and childhood variables in Hong Kong by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 2,142	Retained-Observed in Wave 2 N = 807
Born in this country	1,880 (87.8%)	715 (88.5%)
Born in another country	229 (10.7%)	71 (8.8%)
(Missing)	32 (1.5%)	21 (2.6%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	1,950 (91.1%)	742 (92.0%)
Parents were divorced	89 (4.2%)	23 (2.9%)
Parents were never married	29 (1.4%)	13 (1.6%)
One or both of them had died	31 (1.4%)	18 (2.2%)
Unsure	41 (1.9%)	11 (1.3%)
(Missing)	1 (0.0%)	0 (0%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	347 (16.2%)	68 (8.4%)
One to three times a month	463 (21.6%)	56 (6.9%)
Less than once a month	504 (23.5%)	225 (27.8%)
Never	823 (38.4%)	459 (56.9%)
(Missing)	4 (0.2%)	0 (0%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	799 (37.3%)	246 (30.5%)
Somewhat good	827 (38.6%)	318 (39.4%)
Somewhat bad	182 (8.5%)	110 (13.7%)
Very bad	20 (0.9%)	29 (3.6%)
(Does not apply)	311 (14.5%)	103 (12.8%)
(Missing)	3 (0.1%)	1 (0.1%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	663 (30.9%)	172 (21.3%)
Somewhat good	753 (35.2%)	326 (40.4%)
Somewhat bad	264 (12.3%)	125 (15.5%)
Very bad	62 (2.9%)	42 (5.2%)
(Does not apply)	397 (18.5%)	142 (17.6%)
(Missing)	3 (0.2%)	0 (0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	537 (25.1%)	115 (14.3%)
No	1,495 (69.8%)	679 (84.2%)
(Missing)	109 (5.1%)	13 (1.6%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	254 (11.9%)	59 (7.3%)
No	1,884 (88.0%)	748 (92.7%)
(Missing)	4 (0.2%)	0 (0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	474 (22.1%)	58 (7.1%)
Very good	796 (37.2%)	252 (31.3%)
Good	533 (24.9%)	312 (38.6%)
Fair	271 (12.6%)	150 (18.6%)
Poor	59 (2.8%)	31 (3.9%)
(Missing)	9 (0.4%)	4 (0.5%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	778 (36.3%)	107 (13.2%)

Table S15c. Unweighted summary statistics for demographic and childhood variables in Hong Kong by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 2,142	Retained-Observed in Wave 2 N = 807
Got by	1,035 (48.3%)	466 (57.7%)
Found it difficult	263 (12.3%)	197 (24.4%)
Found it very difficult	49 (2.3%)	32 (4.0%)
(Missing)	17 (0.8%)	5 (0.7%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	549 (25.6%)	144 (17.8%)
Taoism	55 (2.6%)	21 (2.6%)
Confucianism	9 (0.4%)	0 (0%)
Primal, Animist, or Folk religion	12 (0.6%)	4 (0.5%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	78 (3.6%)	30 (3.7%)
Islam	81 (3.8%)	3 (0.4%)
Hinduism	25 (1.2%)	1 (0.2%)
Buddhism	269 (12.6%)	46 (5.7%)
Judaism	16 (0.8%)	0 (0.0%)
Sikhism	4 (0.2%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	1 (0.1%)
Shinto	18 (0.8%)	0 (0%)
Some other religion	0 (0%)	4 (0.5%)
No religion/Atheist/Agnostic	1,023 (47.8%)	552 (68.4%)
(Missing)	1 (0.1%)	0 (0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S15d. Unweighted summary statistics for Wave 1 outcome variables in Hong Kong by retention status.

Outcome	Attritors–NotRetained–Observed in	
	Observed in Wave 2 N = 2,142	Wave 2 N = 807
<i>Secure flourishing index</i>		
Mean	7.3	6.5
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.7, 10.0
(Missing)	143 (6.7%)	31 (3.9%)
<i>Flourishing index</i>		
Mean	7.4	6.5
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.7, 10.0
(Missing)	111 (5.2%)	29 (3.6%)
<i>Happiness & life satisfaction</i>		
Mean	7.3	6.4
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (1.8%)	16 (1.9%)
<i>Physical & mental health</i>		
Mean	7.4	6.5
Standard Deviation	2.0	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.6%)	6 (0.8%)
<i>Meaning & purpose</i>		
Mean	7.4	6.6
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (1.2%)	8 (1.0%)
<i>Character & virtue</i>		
Mean	7.4	6.6
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.4%)	3 (0.3%)
<i>Close social relationships</i>		
Mean	7.3	6.5
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (2.4%)	13 (1.6%)
<i>Financial & material security</i>		
Mean	7.0	6.3
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (1.8%)	3 (0.4%)
<i>Life satisfaction</i>		
Mean	7.2	6.3
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	35 (1.6%)	16 (1.9%)
<i>Happiness</i>		
Mean	7.4	6.5
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0

Table S15d. Unweighted summary statistics for Wave 1 outcome variables in Hong Kong by retention status.

Outcome	Attritons–NotRetained–Observed in	
	Observed in Wave 2 N = 2,142	Wave 2 N = 807
(Missing)	3 (0.1%)	2 (0.3%)
<i>Self-rated physical health</i>		
Mean	7.4	6.3
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Self-rated mental health</i>		
Mean	7.3	6.6
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.6%)	6 (0.8%)
<i>Understanding purpose</i>		
Mean	7.4	6.5
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (0%)
<i>Meaningful activities</i>		
Mean	7.4	6.7
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	25 (1.2%)	8 (1.0%)
<i>Orientation to promote good</i>		
Mean	7.5	6.7
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
<i>Delayed gratification</i>		
Mean	7.3	6.5
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.4%)	3 (0.3%)
<i>Relationship contentment</i>		
Mean	7.4	6.6
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (1.0%)	4 (0.5%)
<i>Relationship satisfaction</i>		
Mean	7.3	6.5
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (1.5%)	9 (1.1%)
<i>Financial security</i>		
Mean	7.0	6.2
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
<i>Material security</i>		
Mean	7.1	6.4
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	37 (1.7%)	3 (0.4%)
<i>Current life evaluation</i>		

Table S15d. Unweighted summary statistics for Wave 1 outcome variables in Hong Kong by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 2,142	Wave 2 N = 807
Mean	7.1	6.0
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (0%)
<i>Future life evaluation</i>		
Mean	7.4	6.4
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	35 (1.6%)	3 (0.4%)
<i>Optimism</i>		
Mean	7.4	6.7
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.4%)	1 (<0.1%)
<i>Freedom to pursue what's important</i>		
Mean	7.4	6.8
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.5%)	3 (0.4%)
<i>Inner peace, n (%)</i>		
Always	728 (34.0%)	168 (20.8%)
Often	1,182 (55.2%)	520 (64.4%)
Rarely	207 (9.7%)	119 (14.8%)
Never	22 (1.0%)	1 (0.1%)
(Missing)	2 (0.1%)	0 (0%)
<i>Life balance, n (%)</i>		
Always	584 (27.3%)	116 (14.4%)
Often	1,134 (53.0%)	506 (62.6%)
Rarely	392 (18.3%)	179 (22.1%)
Never	21 (1.0%)	6 (0.7%)
(Missing)	10 (0.5%)	1 (0.1%)
<i>Sense of mastery, n (%)</i>		
Always	644 (30.1%)	145 (17.9%)
Often	1,198 (55.9%)	527 (65.3%)
Rarely	264 (12.3%)	133 (16.5%)
Never	29 (1.4%)	0 (0%)
(Missing)	6 (0.3%)	2 (0.2%)
<i>Traumatic distress, n (%)</i>		
A lot	258 (12.1%)	52 (6.5%)
Some	586 (27.4%)	205 (25.5%)
Not very much	690 (32.2%)	261 (32.3%)
Not at all	605 (28.3%)	287 (35.6%)
(Missing)	3 (0.1%)	2 (0.2%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,060 (49.9%)	279 (34.8%)
	17 (0.8%)	5 (0.7%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	194 (9.0%)	29 (3.6%)
More than half the days	374 (17.5%)	109 (13.5%)
Several days	997 (46.5%)	408 (50.6%)

Table S15d. Unweighted summary statistics for Wave 1 outcome variables in Hong Kong by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 2,142	N = 807
Not at all	562 (26.3%)	255 (31.6%)
(Missing)	15 (0.7%)	5 (0.7%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	355 (16.6%)	43 (5.3%)
More than half the days	678 (31.6%)	215 (26.6%)
Several days	758 (35.4%)	374 (46.3%)
Not at all	350 (16.3%)	176 (21.8%)
(Missing)	1 (0.1%)	0 (0%)
<i>Anxiety symptoms composite, n (%)</i>	663 (31.4%)	174 (21.6%)
(Missing)	31 (1.4%)	0 (0%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	168 (7.9%)	42 (5.2%)
More than half the days	397 (18.5%)	120 (14.9%)
Several days	978 (45.7%)	394 (48.8%)
Not at all	575 (26.9%)	251 (31.1%)
(Missing)	23 (1.1%)	0 (0%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	180 (8.4%)	39 (4.8%)
More than half the days	354 (16.5%)	97 (12.1%)
Several days	846 (39.5%)	309 (38.3%)
Not at all	754 (35.2%)	362 (44.8%)
(Missing)	8 (0.4%)	0 (0%)
<i>Suffering, n (%)</i>		
A lot	292 (13.6%)	63 (7.8%)
Some	779 (36.4%)	297 (36.8%)
Not very much	767 (35.8%)	336 (41.6%)
Not at all	304 (14.2%)	110 (13.7%)
(Missing)	0 (0.0%)	1 (0.1%)
<i>Social support</i>		
Mean	6.7	5.4
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (0%)
<i>Intimate/close friend, n (%)</i>		
Yes	1,830 (85.5%)	622 (77.0%)
No	306 (14.3%)	185 (23.0%)
(Missing)	5 (0.2%)	0 (0%)
<i>Government approval, n (%)</i>		
Strongly approve	556 (26.0%)	31 (3.8%)
Somewhat approve	733 (34.2%)	216 (26.8%)
Neither approve nor disapprove	439 (20.5%)	278 (34.5%)
Somewhat disapprove	225 (10.5%)	158 (19.6%)
Strongly disapprove	183 (8.5%)	124 (15.4%)
(Missing)	5 (0.2%)	0 (0%)
<i>Say in government, n (%)</i>		
Agree	1,133 (52.9%)	242 (30.0%)
Disagree	556 (26.0%)	305 (37.8%)
Unsure	448 (20.9%)	259 (32.1%)
(Missing)	5 (0.2%)	1 (0.2%)

Table S15d. Unweighted summary statistics for Wave 1 outcome variables in Hong Kong by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 2,142	Wave 2 N = 807
<i>Belonging in country</i>		
Mean	7.6	6.9
Standard Deviation	2.1	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	0 (0%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	1,565 (73.1%)	487 (60.3%)
Dissatisfied	409 (19.1%)	192 (23.8%)
Unsure	166 (7.7%)	128 (15.8%)
(Missing)	2 (0.1%)	0 (0%)
<i>Trust within country, n (%)</i>		
All people	261 (12.2%)	3 (0.4%)
Most people	877 (40.9%)	257 (31.8%)
Some people	644 (30.1%)	347 (42.9%)
Not very many people	324 (15.1%)	191 (23.7%)
None	35 (1.6%)	10 (1.2%)
(Missing)	2 (0.1%)	0 (0%)
<i>Number of children</i>		
Mean	0.6	0.4
Standard Deviation	1.0	0.8
Min, Max	0.0, 12.0	0.0, 11.0
(Missing)	34 (1.6%)	4 (0.5%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	219 (10.2%)	11 (1.4%)
Once a week	340 (15.9%)	51 (6.3%)
One to three times a month	331 (15.5%)	59 (7.2%)
A few times a year	407 (19.0%)	196 (24.3%)
Never	839 (39.2%)	491 (60.8%)
(Missing)	5 (0.2%)	0 (0%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	214 (10.0%)	15 (1.9%)
Once a week	464 (21.7%)	82 (10.1%)
One to three times a month	262 (12.2%)	63 (7.8%)
A few times a year	371 (17.3%)	160 (19.8%)
Never	829 (38.7%)	488 (60.4%)
(Missing)	1 (0.0%)	0 (0%)
<i>Loneliness</i>		
Mean	3.2	3.6
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.8%)	1 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	237 (11.1%)	20 (2.5%)
Often	439 (20.5%)	115 (14.2%)
Rarely	816 (38.1%)	414 (51.3%)
Never	644 (30.1%)	258 (32.0%)
(Missing)	5 (0.2%)	0 (0%)
<i>Hope</i>		
Mean	7.5	6.6

Table S15d. Unweighted summary statistics for Wave 1 outcome variables in Hong Kong by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 2,142	Wave 2 N = 807
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.3%)	0 (<0.1%)
<i>Gratitude</i>		
Mean	7.2	6.2
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.4%)	1 (<0.1%)
<i>Showing love/care</i>		
Mean	6.8	5.5
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	2 (0.3%)
<i>Forgivingness, n (%)</i>		
Always	416 (19.4%)	72 (8.9%)
Often	952 (44.5%)	371 (45.9%)
Rarely	654 (30.5%)	328 (40.6%)
Never	107 (5.0%)	35 (4.4%)
(Missing)	12 (0.6%)	1 (0.2%)
<i>Charitable giving, n (%)</i>		
Yes	1,203 (56.2%)	283 (35.0%)
No	928 (43.4%)	524 (65.0%)
(Missing)	10 (0.5%)	0 (0%)
<i>Helping strangers, n (%)</i>		
Yes	1,473 (68.8%)	431 (53.3%)
No	662 (30.9%)	377 (46.7%)
(Missing)	7 (0.3%)	0 (0%)
<i>Volunteering, n (%)</i>		
Yes	905 (42.2%)	104 (12.9%)
No	1,225 (57.2%)	703 (87.1%)
(Missing)	11 (0.5%)	0 (0%)
<i>Health problems, n (%)</i>		
Yes	469 (21.9%)	138 (17.1%)
No	1,671 (78.0%)	669 (82.9%)
(Missing)	2 (0.1%)	0 (0%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	256 (11.9%)	59 (7.3%)
Some	717 (33.5%)	294 (36.4%)
Not very much	762 (35.6%)	311 (38.5%)
None at all	394 (18.4%)	143 (17.8%)
(Missing)	12 (0.6%)	0 (0%)
<i>Number of drinks per week</i>		
Mean	1.9	0.9
Standard Deviation	3.1	2.1
Min, Max	0.0, 56.0	0.0, 31.0
(Missing)	18 (0.8%)	11 (1.4%)
<i>Days exercise per week</i>		
Mean	2.3	1.9
Standard Deviation	2.2	2.2

Table S15d. Unweighted summary statistics for Wave 1 outcome variables in Hong Kong by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 2,142	Wave 2 N = 807
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	5 (0.2%)	0 (0%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	352 (16.4%)	36 (4.4%)
9-15	1,516 (70.8%)	521 (64.6%)
16+	273 (12.8%)	250 (31.0%)
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,461 (68.2%)	581 (71.9%)
Self-employed	214 (10.0%)	25 (3.2%)
Retired	265 (12.4%)	114 (14.1%)
Student	54 (2.5%)	6 (0.7%)
Homemaker	74 (3.5%)	38 (4.8%)
Unemployed and looking for a job	35 (1.6%)	26 (3.3%)
None of these/Other	24 (1.1%)	12 (1.5%)
(Missing)	15 (0.7%)	4 (0.5%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	709 (33.1%)	119 (14.7%)
Getting by on present income	1,076 (50.3%)	489 (60.6%)
Finding it difficult on present income	282 (13.2%)	165 (20.5%)
Finding it very difficult on present income	73 (3.4%)	34 (4.3%)
(Missing)	1 (0.0%)	0 (0%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,419 (66.3%)	449 (55.7%)
Someone in this household rents this home	470 (21.9%)	209 (25.9%)
Both	55 (2.6%)	14 (1.7%)
Neither	176 (8.2%)	133 (16.5%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	21 (1.0%)	2 (0.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	446 (20.8%)	37 (4.6%)
Often	671 (31.3%)	191 (23.7%)
Rarely	603 (28.2%)	326 (40.4%)
Never	421 (19.6%)	252 (31.3%)
(Missing)	1 (0.0%)	1 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	1,031 (48.1%)	315 (39.1%)
No	606 (28.3%)	132 (16.3%)
Unsure	504 (23.6%)	358 (44.4%)
(Missing)	1 (0.0%)	2 (0.3%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,011 (47.2%)	228 (28.3%)
No	1,128 (52.7%)	577 (71.4%)
(Missing)	3 (0.1%)	2 (0.3%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	253 (11.8%)	15 (1.8%)
About once a day	452 (21.1%)	47 (5.8%)

Table S15d. Unweighted summary statistics for Wave 1 outcome variables in Hong Kong by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 2,142	Wave 2 N = 807
Sometimes	652 (30.4%)	273 (33.8%)
Never	783 (36.6%)	472 (58.5%)
(Missing)	2 (0.1%)	0 (0%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	326 (15.2%)	38 (4.8%)
About once a day	436 (20.4%)	74 (9.1%)
Sometimes	664 (31.0%)	301 (37.3%)
Never	709 (33.1%)	394 (48.8%)
(Missing)	6 (0.3%)	0 (0%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	537 (25.1%)	163 (20.2%)
More than one god	331 (15.4%)	93 (11.5%)
An impersonal spiritual force	483 (22.6%)	133 (16.5%)
None of these	515 (24.1%)	204 (25.3%)
Unsure	271 (12.6%)	214 (26.5%)
(Missing)	4 (0.2%)	0 (0%)
<i>Religious centrality, n (%)</i>		
Agree	770 (35.9%)	165 (20.4%)
Disagree	501 (23.4%)	79 (9.8%)
Not relevant	638 (29.8%)	395 (48.9%)
Unsure	228 (10.7%)	167 (20.6%)
(Missing)	5 (0.2%)	1 (0.2%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	797 (37.2%)	248 (30.7%)
Disagree	457 (21.4%)	66 (8.1%)
Not relevant	647 (30.2%)	340 (42.2%)
Unsure	225 (10.5%)	150 (18.6%)
(Missing)	15 (0.7%)	3 (0.4%)
<i>Feel loved by God, n (%)</i>		
Agree	696 (32.5%)	183 (22.7%)
Disagree	555 (25.9%)	113 (14.0%)
Not relevant	623 (29.1%)	322 (39.9%)
Unsure	243 (11.4%)	179 (22.2%)
(Missing)	25 (1.2%)	10 (1.2%)
<i>Feel punished by God, n (%)</i>		
Agree	541 (25.3%)	95 (11.8%)
Disagree	647 (30.2%)	215 (26.6%)
Not relevant	654 (30.5%)	316 (39.1%)
Unsure	277 (12.9%)	171 (21.2%)
(Missing)	23 (1.1%)	10 (1.2%)
<i>Experienced religious criticism, n (%)</i>		
Agree	436 (20.4%)	60 (7.5%)
Disagree	680 (31.7%)	203 (25.1%)
Not relevant	741 (34.6%)	393 (48.7%)
Unsure	268 (12.5%)	145 (17.9%)
(Missing)	17 (0.8%)	6 (0.7%)
<i>Faith-sharing, n (%)</i>		
Agree	762 (35.6%)	177 (21.9%)
Disagree	547 (25.5%)	156 (19.3%)

Table S15d. Unweighted summary statistics for Wave 1 outcome variables in Hong Kong by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 2,142	N = 807
Not relevant	567 (26.5%)	331 (41.0%)
Unsure	261 (12.2%)	141 (17.5%)
(Missing)	4 (0.2%)	2 (0.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S15e. Summary of fitted attrition model in Hong Kong

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	1.31	1.11, 1.55	0.001
Happiness & life satisfaction	0.82	0.63, 1.08	0.155
Physical & mental health	0.79	0.61, 1.03	0.086
Meaning & purpose	1.12	0.87, 1.45	0.384
Character & virtue	0.86	0.69, 1.06	0.146
Close social relationships	1.04	0.83, 1.31	0.707
Financial & material security	0.95	0.81, 1.12	0.529
Extraversion	0.80	0.71, 0.92	0.001
Openness to experience	0.89	0.78, 1.01	0.079
Agreeableness	0.98	0.85, 1.13	0.768
Conscientiousness	1.17	1.01, 1.35	0.039
Neuroticism	0.97	0.80, 1.17	0.727
Depression symptoms composite	0.94	0.82, 1.08	0.400
Anxiety symptoms composite	0.83	0.71, 0.97	0.021
Loneliness	0.87	0.74, 1.03	0.108
Days exercise per week	0.93	0.81, 1.05	0.247
Year of birth (age group)			
1963-1973 (current age: 50-59 years)	—	—	
1973-1983 (current age: 40-49 years)	1.22	0.89, 1.65	0.212
1983-1993 (current age: 30-39 years)	0.89	0.63, 1.25	0.499
1953-1963 (current age: 60-69 years)	0.74	0.43, 1.29	0.290
1998-2005 (current age: 18-24 years)	0.20	0.11, 0.37	1.25e-07
1993-1998 (current age: 25-29 years)	0.37	0.22, 0.63	2.47e-04
1943-1953 (current age: 70-79 years)	1.18	0.41, 3.41	0.755
1943 or earlier (current age: 80+ years)	0.00	0.00, 0.00	1.35e-68
Gender of respondent			
Female	—	—	
Male	0.80	0.62, 1.04	0.094
Other	0.00	0.00, 0.00	5.21e-52
Marital status			
Married	—	—	
Single/Never been married	1.28	0.91, 1.79	0.160
Divorced	1.17	0.48, 2.83	0.735
Domestic partner	1.00	0.42, 2.38	0.997
Widowed	1.96	0.48, 7.94	0.345
Separated	1.35	0.22, 8.16	0.742
Employment status			
Employed for an employer	—	—	
Self-employed	0.34	0.17, 0.68	0.002
Retired	0.81	0.39, 1.66	0.559
Homemaker	1.15	0.59, 2.25	0.689
Student	0.87	0.34, 2.21	0.766
Unemployed and looking for a job	1.61	0.71, 3.65	0.257
None of these/Other	1.18	0.40, 3.48	0.766
Religious attendance			
Never	—	—	
A few times a year	0.82	0.60, 1.13	0.236
Once a week	0.53	0.35, 0.80	0.003
One to three times a month	0.88	0.57, 1.36	0.568
More than once a week	0.34	0.14, 0.82	0.016
Educational attainment (16+ years)			
9-15	—	—	

Table S15e. Summary of fitted attrition model in Hong Kong

Characteristic	Odds Ratio	95% CI	p-value
16+	2.46	1.81, 3.34	7.78e-09
Up to 8	0.22	0.11, 0.46	5.95e-05
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.80	0.51, 1.26	0.343
Urbanicity			
<i>A large city</i>	—	—	
<i>A suburb of a large city</i>	0.78	0.55, 1.12	0.183
<i>A small town or village</i>	0.71	0.45, 1.14	0.160
<i>A rural area or on a farm</i>	0.39	0.13, 1.15	0.088
Monthly household income			
<i>Hong Kong: 30,001 – 40,000 dollars</i>	—	—	
<i>Hong Kong: 50,001 – 60,000 dollars</i>	0.77	0.47, 1.24	0.280
<i>Hong Kong: 20,001 – 30,000 dollars</i>	0.68	0.40, 1.13	0.136
<i>Hong Kong: 70,001 – 80,000 dollars</i>	0.53	0.32, 0.88	0.015
<i>Hong Kong: 60,001 – 70,000 dollars</i>	0.82	0.50, 1.34	0.431
<i>Hong Kong: 45,001 – 50,000 dollars</i>	0.95	0.59, 1.55	0.846
<i>Hong Kong: 40,001 – 45,000 dollars</i>	0.64	0.38, 1.07	0.090
<i>Hong Kong: 80,001 – 100,000 dollars</i>	0.72	0.42, 1.25	0.240
<i>Hong Kong: More than 100,000 dollars</i>	0.68	0.38, 1.21	0.191
<i>Hong Kong: 15,001 – 20,000 dollars</i>	0.75	0.42, 1.34	0.335
<i>Hong Kong: 10,001 – 15,000 dollars</i>	1.43	0.67, 3.04	0.350
<i>Hong Kong: 5,001 – 10,000 dollars</i>	0.61	0.21, 1.81	0.375
<i>Hong Kong: 5,000 dollars or less</i>	0.60	0.18, 2.01	0.409
<i>(None/No household income)</i>	0.52	0.09, 3.03	0.464

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=3012; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S15f. Summary of principal components in Hong Kong

PC	Percent Explained by each PC	Cumulative Percent Explained
1	32.60	32.60
2	11.30	43.91
3	6.95	50.85
4	3.53	54.38
5	1.90	56.28
6	1.56	57.84
7	1.50	59.35
8	1.42	60.77
9	1.34	62.11
10	1.22	63.33
11	1.20	64.53
12	1.17	65.70
13	1.15	66.85
14	1.11	67.96
15	1.05	69.02
16	1.01	70.02
17	0.97	71.00
18	0.95	71.95
19	0.93	72.88
20	0.90	73.79

Notes. N=3012; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S15g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Hong Kong

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.69	(0.61,0.76)	0.04	2.22e-16***	0.51	(0.41,0.61)	0.05	2.22e-16***
Flourishing index	0.69	(0.61,0.76)	0.04	2.22e-16***	0.49	(0.38,0.60)	0.06	3.08e-12***
Happiness & life satisfaction	0.56	(0.49,0.63)	0.04	2.22e-16***	0.22	(0.13,0.31)	0.05	1.78e-05***
Physical & mental health	0.60	(0.52,0.67)	0.04	2.22e-16***	0.26	(0.17,0.36)	0.05	8.79e-07***
Meaning & purpose	0.58	(0.51,0.65)	0.04	2.22e-16***	0.29	(0.20,0.38)	0.04	2.98e-09***
Character & virtue	0.49	(0.42,0.56)	0.03	2.22e-16***	0.20	(0.12,0.28)	0.04	5.67e-06***
Close social relationships	0.47	(0.40,0.53)	0.03	2.22e-16***	0.11	(0.02,0.20)	0.05	0.021*
Financial & material security	0.35	(0.29,0.40)	0.03	2.22e-16***	0.08	(0.03,0.13)	0.03	2.94e-03**
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.51	(0.44,0.58)	0.03	2.22e-16***	0.19	(0.09,0.28)	0.05	2.03e-04***
Happiness (a)	0.51	(0.44,0.58)	0.03	2.22e-16***	0.14	(0.06,0.22)	0.04	5.84e-04***
Self-rated physical health (b)	0.53	(0.46,0.60)	0.04	2.22e-16***	0.22	(0.15,0.29)	0.03	1.46e-09***
Self-rated mental health (b)	0.49	(0.42,0.57)	0.04	2.22e-16***	0.14	(0.05,0.23)	0.05	3.98e-03**
Understanding purpose (c)	0.48	(0.41,0.54)	0.03	2.22e-16***	0.20	(0.12,0.27)	0.04	2.4e-06***
Meaningful activities (c)	0.50	(0.44,0.56)	0.03	2.22e-16***	0.18	(0.11,0.24)	0.03	2.43e-07***
Orientation to promote good (d)	0.48	(0.41,0.55)	0.03	2.22e-16***	0.17	(0.10,0.24)	0.04	1.62e-05***
Delayed gratification (d)	0.37	(0.30,0.43)	0.03	2.22e-16***	0.13	(0.06,0.19)	0.03	3e-04***
Relationship contentment (e)	0.42	(0.35,0.48)	0.03	2.22e-16***	0.07	(-0.01,0.15)	0.04	0.112
Relationship satisfaction (e)	0.43	(0.37,0.50)	0.03	2.22e-16***	0.09	(0.01,0.17)	0.04	0.035*
Financial security (f)	0.33	(0.27,0.39)	0.03	2.22e-16***	0.07	(0.02,0.12)	0.03	0.012*
Material security (f)	0.28	(0.22,0.34)	0.03	2.22e-16***	0.03	(-0.02,0.09)	0.03	0.177
<i>Psychological Well-Being</i>								
Current life evaluation	0.37	(0.28,0.46)	0.05	1.37e-10***	0.06	(-0.06,0.17)	0.06	0.351
Future life evaluation	0.42	(0.35,0.49)	0.04	2.22e-16***	0.13	(0.05,0.22)	0.04	4.06e-03**
Optimism	0.44	(0.38,0.50)	0.03	2.22e-16***	0.15	(0.09,0.21)	0.03	1.94e-06***
Freedom to pursue what's important	0.35	(0.29,0.41)	0.03	2.22e-16***	0.06	(0.01,0.12)	0.03	0.028*
Inner peace	0.23	(0.18,0.29)	0.03	1.31e-13***	0.03	(-0.02,0.07)	0.02	0.219
Life balance	0.30	(0.24,0.36)	0.03	2.45e-14***	0.10	(0.04,0.16)	0.03	1.15e-03**
Sense of mastery	0.21	(0.17,0.26)	0.03	5.55e-16***	0.05	(0.00,0.09)	0.02	0.044*
<i>Psychological Distress</i>								
Traumatic distress	-0.13	(-0.18,-0.07)	0.03	1.39e-05***	0.06	(0.00,0.11)	0.03	0.045*
Depression symptoms composite	-0.19	(-0.25,-0.13)	0.03	4.99e-08***	-0.04	(-0.10,0.02)	0.03	0.177
Depression – feel hopeless	-0.22	(-0.28,-0.17)	0.03	7.34e-12***	-0.00	(-0.06,0.05)	0.03	0.870
Depression – loss of interest	-0.13	(-0.18,-0.07)	0.03	1.03e-05***	-0.02	(-0.07,0.02)	0.02	0.349
Anxiety symptoms composite	-0.25	(-0.30,-0.20)	0.03	2.22e-16***	-0.04	(-0.09,0.02)	0.03	0.173
Anxiety – feel on edge	-0.22	(-0.27,-0.17)	0.02	2.22e-16***	-0.01	(-0.07,0.05)	0.03	0.707
Anxiety – cannot stop worrying	-0.24	(-0.29,-0.19)	0.02	2.22e-16***	-0.02	(-0.07,0.03)	0.03	0.455
Suffering	-0.24	(-0.29,-0.19)	0.03	1.27e-14***	-0.09	(-0.15,-0.04)	0.03	1.05e-03**
<i>Social Well-Being</i>								
Social support	0.21	(0.14,0.29)	0.04	1.62e-08***	0.06	(0.01,0.12)	0.03	0.022*
Intimate/close friend	0.10	(0.05,0.15)	0.03	1.72e-04***	-0.02	(-0.06,0.02)	0.02	0.310
Government approval	0.18	(0.11,0.25)	0.04	6.67e-06***	0.03	(-0.02,0.09)	0.03	0.267
Say in government	0.11	(0.05,0.17)	0.03	9.32e-04**	0.02	(-0.03,0.07)	0.02	0.415
Belonging in country	0.29	(0.22,0.35)	0.03	8.88e-16***	0.04	(-0.02,0.10)	0.03	0.155
City/place satisfaction	0.24	(0.17,0.30)	0.03	4.17e-10***	0.09	(0.04,0.14)	0.03	1.33e-03**
Trust within country	0.16	(0.11,0.22)	0.03	1.3e-09***	0.06	(0.02,0.10)	0.02	3.61e-03**
<i>Social Participation</i>								
Ever been married	0.21	(-0.03,0.44)	0.12	0.083	0.05	(-0.14,0.24)	0.10	0.584
Currently divorced	0.06	(0.00,0.12)	0.03	0.050	0.04	(-0.02,0.10)	0.03	0.240
Number of children	-0.08	(-0.14,-0.02)	0.03	0.010*	-0.05	(-0.11,0.01)	0.03	0.122
Weekly+ community participation	-0.01	(-0.12,0.09)	0.06	0.800	0.01	(-0.10,0.12)	0.06	0.880
Weekly+ religious attendance	0.03	(-0.05,0.10)	0.04	0.491	-0.02	(-0.11,0.06)	0.04	0.594
<i>Social Distress</i>								
Loneliness	-0.32	(-0.38,-0.26)	0.03	2.22e-16***	-0.06	(-0.11,0.00)	0.03	0.060
Perceived discrimination	-0.04	(-0.10,0.02)	0.03	0.245	0.08	(0.02,0.14)	0.03	0.012*
<i>Character & Prosocial Behavior</i>								
Hope	0.51	(0.44,0.58)	0.03	2.22e-16***	0.22	(0.13,0.31)	0.04	4.23e-06***
Gratitude	0.33	(0.26,0.40)	0.04	2.22e-16***	0.07	(0.01,0.13)	0.03	0.020*
Showing love/care	0.31	(0.24,0.38)	0.04	8.8e-14***	0.11	(0.05,0.17)	0.03	3.02e-04***
Forgivingness	0.06	(-0.00,0.12)	0.03	0.055	0.01	(-0.04,0.07)	0.03	0.657
Charitable giving	0.02	(-0.06,0.09)	0.04	0.668	-0.01	(-0.08,0.05)	0.03	0.639
Helping strangers	0.03	(-0.02,0.09)	0.03	0.260	-0.00	(-0.05,0.05)	0.03	0.969
Volunteering	-0.09	(-0.19,0.01)	0.05	0.073	-0.14	(-0.21,-0.06)	0.04	9.55e-04**
<i>Physical Health & Health Behavior</i>								
Health problems	-0.08	(-0.13,-0.03)	0.03	2.35e-03**	0.00	(-0.04,0.05)	0.02	0.877
Pain in past 4 weeks	-0.12	(-0.17,-0.07)	0.03	1.27e-05***	0.01	(-0.04,0.06)	0.02	0.623
Daily smoker	-0.10	(-0.16,-0.03)	0.03	0.007*	-0.07	(-0.13,-0.01)	0.03	0.029*
Number of drinks per week	-0.02	(-0.08,0.05)	0.04	0.655	-0.02	(-0.08,0.05)	0.03	0.626
Days exercise per week	0.10	(0.04,0.16)	0.03	9.25e-04**	0.05	(0.00,0.10)	0.02	0.042*
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.05	(0.00,0.10)	0.02	0.039*	0.04	(0.00,0.08)	0.02	0.045*
Currently employed	-0.00	(-0.07,0.07)	0.03	0.973	-0.00	(-0.06,0.05)	0.03	0.860
Financially comfortable/getting by	0.27	(0.21,0.33)	0.03	2.48e-13***	0.10	(0.04,0.15)	0.03	9.54e-04**
Own home	0.04	(-0.03,0.12)	0.04	0.268	0.01	(-0.06,0.07)	0.03	0.850
Income – top quintile	-0.17	(-0.58,0.24)	0.21	0.431	-0.18	(-0.59,0.23)	0.21	0.419
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.06	(-0.01,0.13)	0.03	0.079	0.03	(-0.03,0.09)	0.03	0.269
Belief in life after death	-0.00	(-0.07,0.06)	0.03	0.875	0.01	(-0.05,0.06)	0.03	0.788
Transformative religious experience	0.04	(-0.03,0.12)	0.04	0.268	0.06	(-0.02,0.14)	0.04	0.181
Religious reading or listening	-0.11	(-0.19,-0.03)	0.04	0.005*	-0.09	(-0.17,-0.01)	0.04	0.023*
Prayer or meditation	-0.03	(-0.10,0.05)	0.04	0.472	-0.01	(-0.10,0.07)	0.04	0.794
Belief in God/gods/spiritual forces	0.01	(-0.05,0.08)	0.03	0.721	0.05	(-0.01,0.10)	0.03	0.100
Religious centrality	0.05	(-0.01,0.12)	0.03	0.118	-0.02	(-0.09,0.05)	0.04	0.509
Religious/spiritual comfort	0.06	(-0.01,0.12)	0.03	0.083	-0.00	(-0.07,0.06)	0.03	0.922
Feel loved by God	0.02	(-0.05,0.08)	0.03	0.614	-0.05	(-0.11,0.02)	0.03	0.155
Feel punished by God	-0.00	(-0.05,0.05)	0.03	0.918	0.03	(-0.02,0.08)	0.03	0.219
Experienced religious criticism	-0.03	(-0.10,0.04)	0.04	0.427	-0.05	(-0.12,0.02)	0.04	0.170
Faith-sharing	0.05	(-0.01,0.11)	0.03	0.076	0.04	(-0.02,0.10)	0.03	0.159

Notes. N=3012; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S15h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Hong Kong using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.77	(0.70,0.85)	0.04	2.22e-16***	0.57	(0.45,0.69)	0.06	2.22e-16***
Flourishing index	0.76	(0.69,0.83)	0.04	2.22e-16***	0.54	(0.43,0.65)	0.06	2.22e-16***
Happiness & life satisfaction	0.67	(0.60,0.74)	0.04	2.22e-16***	0.34	(0.24,0.44)	0.05	3.21e-11***
Physical & mental health	0.67	(0.60,0.75)	0.04	2.22e-16***	0.30	(0.20,0.39)	0.05	1.42e-09***
Meaning & purpose	0.64	(0.57,0.72)	0.04	2.22e-16***	0.31	(0.22,0.40)	0.05	5.23e-11***
Character & virtue	0.59	(0.52,0.67)	0.04	2.22e-16***	0.27	(0.19,0.35)	0.04	7.21e-11***
Close social relationships	0.48	(0.39,0.57)	0.05	2.22e-16***	0.09	(-0.00,0.18)	0.05	0.055
Financial & material security	0.39	(0.31,0.48)	0.04	2.22e-16***	0.09	(0.01,0.16)	0.04	0.020*
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.62	(0.54,0.70)	0.04	2.22e-16***	0.28	(0.18,0.38)	0.05	4.51e-08***
Happiness (a)	0.63	(0.56,0.71)	0.04	2.22e-16***	0.28	(0.18,0.37)	0.05	8.78e-09***
Self-rated physical health (b)	0.57	(0.50,0.65)	0.04	2.22e-16***	0.23	(0.15,0.31)	0.04	2.73e-08***
Self-rated mental health (b)	0.60	(0.52,0.67)	0.04	2.22e-16***	0.19	(0.09,0.28)	0.05	2.33e-04***
Understanding purpose (c)	0.53	(0.45,0.61)	0.04	2.22e-16***	0.21	(0.13,0.29)	0.04	3.89e-07***
Meaningful activities (c)	0.57	(0.49,0.65)	0.04	2.22e-16***	0.22	(0.13,0.31)	0.05	2.39e-06***
Orientation to promote good (d)	0.58	(0.50,0.65)	0.04	2.22e-16***	0.22	(0.14,0.31)	0.04	2.41e-07***
Delayed gratification (d)	0.48	(0.40,0.56)	0.04	2.22e-16***	0.19	(0.12,0.26)	0.04	3.95e-07***
Relationship contentment (e)	0.46	(0.37,0.56)	0.05	2.22e-16***	0.07	(-0.02,0.16)	0.05	0.150
Relationship satisfaction (e)	0.45	(0.36,0.54)	0.05	2.22e-16***	0.07	(-0.02,0.16)	0.04	0.108
Financial security (f)	0.37	(0.29,0.45)	0.04	2.22e-16***	0.05	(-0.01,0.12)	0.04	0.119
Material security (f)	0.35	(0.26,0.43)	0.04	1.24e-14***	0.06	(-0.02,0.13)	0.04	0.133
<i>Psychological Well-Being</i>								
Current life evaluation	0.52	(0.44,0.60)	0.04	2.22e-16***	0.17	(0.08,0.27)	0.05	4.53e-04***
Future life evaluation	0.53	(0.46,0.60)	0.04	2.22e-16***	0.22	(0.13,0.31)	0.05	2.86e-06***
Optimism	0.47	(0.40,0.55)	0.04	2.22e-16***	0.11	(0.04,0.19)	0.04	3.85e-03**
Freedom to pursue what's important	0.38	(0.29,0.48)	0.05	9.55e-15***	0.05	(-0.03,0.13)	0.04	0.184
Inner peace	0.24	(0.17,0.32)	0.04	1.08e-09***	0.02	(-0.05,0.08)	0.03	0.586
Life balance	0.36	(0.29,0.44)	0.04	2.22e-16***	0.08	(0.01,0.15)	0.03	0.023*
Sense of mastery	0.24	(0.17,0.32)	0.04	4.95e-10***	0.01	(-0.05,0.07)	0.03	0.786
<i>Psychological Distress</i>								
Traumatic distress	-0.17	(-0.25,-0.09)	0.04	1.85e-05***	0.02	(-0.04,0.09)	0.03	0.495
Depression symptoms composite	-0.21	(-0.29,-0.13)	0.04	6.77e-07***	-0.01	(-0.08,0.05)	0.03	0.761
Depression – feel hopeless	-0.22	(-0.30,-0.14)	0.04	6.06e-08***	0.09	(0.01,0.17)	0.04	0.021*
Depression – loss of interest	-0.12	(-0.20,-0.05)	0.04	1.08e-03**	-0.02	(-0.08,0.04)	0.03	0.483
Anxiety symptoms composite	-0.27	(-0.35,-0.20)	0.04	4.41e-12***	-0.05	(-0.12,0.03)	0.04	0.199
Anxiety – feel on edge	-0.24	(-0.32,-0.16)	0.04	1.64e-08***	0.00	(-0.08,0.08)	0.04	0.950
Anxiety – cannot stop worrying	-0.27	(-0.35,-0.19)	0.04	3.93e-11***	-0.03	(-0.11,0.05)	0.04	0.459
Suffering	-0.29	(-0.36,-0.21)	0.04	1.85e-12***	-0.09	(-0.17,-0.02)	0.04	0.010*
<i>Social Well-Being</i>								
Social support	0.31	(0.22,0.41)	0.05	8.7e-11***	0.10	(0.03,0.16)	0.04	0.007*
Intimate/close friend	0.11	(0.03,0.19)	0.04	0.006*	-0.03	(-0.08,0.03)	0.03	0.356
Government approval	0.25	(0.16,0.33)	0.04	2.24e-08***	0.03	(-0.03,0.10)	0.03	0.309
Say in government	0.19	(0.11,0.28)	0.04	1.66e-05***	-0.01	(-0.08,0.06)	0.04	0.811
Belonging in country	0.31	(0.22,0.40)	0.04	8.57e-12***	0.02	(-0.04,0.09)	0.04	0.486
City/place satisfaction	0.24	(0.16,0.32)	0.04	4.33e-09***	0.05	(-0.01,0.11)	0.03	0.088
Trust within country	0.19	(0.12,0.26)	0.04	5.05e-07***	0.07	(0.02,0.12)	0.03	0.007*
<i>Social Participation</i>								
Ever been married	-0.08	(-0.37,0.21)	0.15	0.581	0.04	(-0.17,0.25)	0.11	0.698
Currently divorced	0.11	(0.02,0.19)	0.04	0.012*	0.08	(0.01,0.14)	0.03	0.022*
Number of children	-0.14	(-0.21,-0.08)	0.03	2.69e-05***	-0.10	(-0.16,-0.04)	0.03	7.68e-04**
Weekly+ community participation	-0.04	(-0.14,0.05)	0.05	0.390	-0.00	(-0.07,0.07)	0.04	0.981
Weekly+ religious attendance	-0.00	(-0.10,0.10)	0.05	0.967	-0.08	(-0.16,0.00)	0.04	0.054
<i>Social Distress</i>								
Loneliness	-0.45	(-0.53,-0.37)	0.04	2.22e-16***	-0.16	(-0.23,-0.08)	0.04	2.52e-05***
Perceived discrimination	-0.01	(-0.11,0.08)	0.05	0.785	0.05	(-0.02,0.12)	0.04	0.188
<i>Character & Prosocial Behavior</i>								
Hope	0.56	(0.49,0.64)	0.04	2.22e-16***	0.19	(0.10,0.27)	0.04	4.14e-05***
Gratitude	0.35	(0.26,0.44)	0.04	2.25e-14***	0.04	(-0.02,0.11)	0.04	0.206
Showing love/care	0.34	(0.26,0.42)	0.04	5.11e-15***	0.06	(-0.01,0.13)	0.03	0.071
Forgivingness	0.06	(-0.02,0.15)	0.04	0.150	0.01	(-0.05,0.08)	0.03	0.736
Charitable giving	0.11	(0.03,0.18)	0.04	0.009*	-0.00	(-0.06,0.06)	0.03	0.950
Helping strangers	0.12	(0.04,0.20)	0.04	3.69e-03**	-0.00	(-0.06,0.06)	0.03	0.975
Volunteering	0.02	(-0.06,0.11)	0.04	0.604	-0.03	(-0.11,0.04)	0.04	0.381
<i>Physical Health & Health Behavior</i>								
Health problems	-0.02	(-0.12,0.07)	0.05	0.651	-0.00	(-0.07,0.07)	0.03	0.964
Pain in past 4 weeks	-0.15	(-0.23,-0.07)	0.04	2.96e-04***	-0.01	(-0.07,0.06)	0.03	0.829
Daily smoker	-0.07	(-0.15,0.02)	0.04	0.110	-0.03	(-0.09,0.03)	0.03	0.280
Number of drinks per week	0.03	(-0.07,0.13)	0.05	0.533	-0.01	(-0.07,0.05)	0.03	0.848
Days exercise per week	0.21	(0.13,0.29)	0.04	8.44e-07***	0.08	(0.02,0.14)	0.03	0.009*
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.01	(-0.06,0.07)	0.03	0.878	0.02	(-0.03,0.08)	0.03	0.405
Currently employed	0.05	(-0.06,0.15)	0.05	0.382	0.03	(-0.04,0.10)	0.04	0.368
Financially comfortable/getting by	0.35	(0.27,0.42)	0.04	2.22e-16***	0.12	(0.05,0.20)	0.04	1.98e-03**
Own home	0.07	(-0.02,0.15)	0.04	0.145	0.06	(-0.01,0.13)	0.04	0.099
Income – top quintile	0.02	(-0.07,0.11)	0.05	0.610	-0.05	(-0.12,0.03)	0.04	0.245
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.13	(0.03,0.23)	0.05	0.012*	0.06	(-0.03,0.15)	0.05	0.189
Belief in life after death	-0.03	(-0.10,0.05)	0.04	0.495	-0.01	(-0.07,0.05)	0.03	0.651
Transformative religious experience	0.18	(0.09,0.27)	0.05	6.59e-05***	0.12	(0.04,0.19)	0.04	2.19e-03**
Religious reading or listening	0.00	(-0.10,0.10)	0.05	0.990	-0.02	(-0.10,0.05)	0.04	0.584
Prayer or meditation	0.06	(-0.04,0.16)	0.05	0.242	-0.01	(-0.08,0.06)	0.04	0.865
Belief in God/gods/spiritual forces	0.15	(0.04,0.25)	0.05	0.005*	0.04	(-0.05,0.12)	0.04	0.366
Religious centrality	0.08	(-0.03,0.19)	0.06	0.159	0.02	(-0.07,0.11)	0.05	0.662
Religious/spiritual comfort	0.11	(0.00,0.22)	0.05	0.046*	-0.03	(-0.13,0.06)	0.05	0.483
Feel loved by God	0.04	(-0.10,0.18)	0.07	0.574	-0.09	(-0.21,0.04)	0.06	0.179
Feel punished by God	-0.01	(-0.12,0.09)	0.05	0.801	0.04	(-0.03,0.12)	0.04	0.232
Experienced religious criticism	0.03	(-0.08,0.14)	0.05	0.586	0.02	(-0.06,0.09)	0.04	0.672
Faith-sharing	0.11	(-0.00,0.22)	0.06	0.058	0.01	(-0.08,0.09)	0.04	0.853

Notes. N=707; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S15i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Hong Kong

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.20	2.09	1.93	1.78	2.56	2.42	2.18	1.96
Flourishing index	2.20	2.08	1.89	1.72	2.54	2.39	2.12	1.92
Happiness & life satisfaction	1.91	1.82	1.45	1.31	2.20	2.09	1.68	1.53
Physical & mental health	1.98	1.88	1.51	1.38	2.22	2.10	1.62	1.47
Meaning & purpose	1.95	1.86	1.56	1.44	2.17	2.04	1.63	1.49
Character & virtue	1.88	1.78	1.45	1.32	2.14	2.01	1.60	1.47
Close social relationships	1.77	1.69	1.28	1.10	1.87	1.73	1.27	1.00
Financial & material security	1.54	1.48	1.21	1.11	1.61	1.52	1.22	1.08
Individual Flourishing Index Items								
Life satisfaction	1.80	1.72	1.38	1.25	2.05	1.93	1.56	1.41
Happiness	1.83	1.74	1.33	1.20	2.14	2.03	1.59	1.44
Self-rated physical health	1.87	1.77	1.45	1.35	2.06	1.94	1.51	1.38
Self-rated mental health	1.77	1.67	1.32	1.17	1.96	1.85	1.40	1.25
Understanding purpose	1.74	1.66	1.39	1.29	1.88	1.77	1.44	1.32
Meaningful activities	1.82	1.74	1.39	1.29	2.01	1.89	1.48	1.33
Orientation to promote good	1.81	1.72	1.38	1.26	2.03	1.91	1.49	1.36
Delayed gratification	1.65	1.57	1.32	1.20	1.90	1.77	1.44	1.32
Relationship contentment	1.69	1.61	1.21	1.00	1.82	1.69	1.22	1.00
Relationship satisfaction	1.69	1.61	1.24	1.06	1.79	1.66	1.23	1.00
Financial security	1.48	1.42	1.18	1.08	1.54	1.46	1.16	1.00
Material security	1.46	1.39	1.13	1.00	1.56	1.46	1.17	1.00
Psychological Well-Being								
Current life evaluation	1.65	1.53	1.19	1.00	1.96	1.84	1.43	1.25
Future life evaluation	1.73	1.63	1.32	1.17	2.01	1.89	1.50	1.35
Optimism	1.71	1.64	1.34	1.25	1.81	1.71	1.29	1.15
Freedom to pursue what's important	1.61	1.53	1.20	1.06	1.72	1.58	1.20	1.00
Inner peace	3.27	2.69	1.39	1.00	3.13	2.43	1.27	1.00
Life balance	3.39	2.86	1.81	1.43	3.90	3.18	1.66	1.19
Sense of mastery	2.88	2.44	1.50	1.08	3.07	2.41	1.17	1.00
Psychological Distress								
Traumatic distress	1.85	1.55	1.47	1.07	2.13	1.69	1.27	1.00
Depression symptoms composite	2.17	1.84	1.36	1.00	2.31	1.85	1.16	1.00
Depression – feel hopeless	2.60	2.21	1.11	1.00	2.68	2.10	1.76	1.22
Depression – loss of interest	1.83	1.54	1.25	1.00	1.85	1.43	1.25	1.00
Anxiety symptoms composite	2.69	2.36	1.38	1.00	2.96	2.41	1.46	1.00
Anxiety – feel on edge	2.54	2.23	1.18	1.00	2.76	2.17	1.08	1.00
Anxiety – cannot stop worrying	2.73	2.38	1.26	1.00	3.15	2.49	1.35	1.00
Suffering	2.47	2.16	1.65	1.36	2.75	2.28	1.66	1.25
Social Well-Being								
Social support	1.37	1.29	1.17	1.06	1.52	1.41	1.24	1.11
Intimate/close friend	1.87	1.50	1.29	1.00	1.88	1.35	1.31	1.00
Government approval	2.12	1.73	1.31	1.00	2.61	2.08	1.34	1.00
Say in government	1.73	1.40	1.24	1.00	2.27	1.76	1.15	1.00
Belonging in country	1.50	1.42	1.15	1.00	1.54	1.43	1.11	1.00
City/place satisfaction	2.59	2.17	1.68	1.36	2.51	2.04	1.44	1.00
Trust within country	2.29	1.92	1.56	1.27	2.40	1.90	1.62	1.26
Social Participation								
Ever been married	2.45	1.00	1.47	1.00	1.62	1.00	1.38	1.00
Currently divorced	2.07	1.08	1.68	1.00	2.56	1.45	2.13	1.28
Number of children	1.35	1.16	1.26	1.00	1.57	1.37	1.44	1.25
Weekly+ community participation	1.21	1.00	1.16	1.00	1.51	1.00	1.05	1.00
Weekly+ religious attendance	1.30	1.00	1.28	1.00	1.08	1.00	1.73	1.00
Social Distress								
Loneliness	1.49	1.42	1.16	1.00	1.65	1.56	1.31	1.21
Perceived discrimination	1.36	1.00	1.62	1.24	1.21	1.00	1.47	1.00
Character & Prosocial Behavior								
Hope	1.81	1.72	1.43	1.31	1.93	1.83	1.41	1.27
Gratitude	1.55	1.46	1.20	1.07	1.61	1.50	1.16	1.00
Showing love/care	1.47	1.40	1.24	1.16	1.54	1.44	1.18	1.00
Forgivingness	1.47	1.00	1.18	1.00	1.49	1.00	1.17	1.00
Charitable giving	1.21	1.00	1.19	1.00	1.74	1.28	1.06	1.00
Helping strangers	1.32	1.00	1.05	1.00	1.79	1.36	1.05	1.00
Volunteering	1.68	1.00	1.92	1.50	1.30	1.00	1.40	1.00
Physical Health & Health Behavior								
Health problems	1.69	1.34	1.10	1.00	1.28	1.00	1.06	1.00
Pain in past 4 weeks	1.77	1.50	1.17	1.00	1.94	1.52	1.13	1.00
Daily smoker	1.71	1.31	1.56	1.16	1.69	1.00	1.39	1.00
Number of drinks per week	1.08	1.00	1.08	1.00	1.12	1.00	1.05	1.00
Days exercise per week	1.25	1.15	1.17	1.03	1.42	1.30	1.23	1.11
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.50	1.09	1.45	1.06	1.12	1.00	1.29	1.00
Currently employed	1.05	1.00	1.11	1.00	1.43	1.00	1.35	1.00
Financially comfortable/getting by	3.16	2.62	1.82	1.43	3.68	2.99	1.94	1.44
Own home	1.40	1.00	1.13	1.00	1.50	1.00	1.48	1.00
Income – top quintile	2.39	1.00	2.43	1.00	1.33	1.00	1.52	1.00
Religion & Spirituality								
Religious/spiritual connection	1.48	1.00	1.32	1.00	1.88	1.30	1.49	1.00
Belief in life after death	1.10	1.00	1.13	1.00	1.28	1.00	1.19	1.00
Transformative religious experience	1.38	1.00	1.46	1.00	2.19	1.68	1.80	1.38
Religious reading or listening	1.83	1.36	1.70	1.21	1.04	1.00	1.31	1.00
Prayer or meditation	1.30	1.00	1.18	1.00	1.56	1.00	1.13	1.00
Belief in God/gods/spiritual forces	1.17	1.00	1.41	1.00	1.93	1.38	1.36	1.00
Religious centrality	1.47	1.00	1.27	1.00	1.64	1.00	1.26	1.00
Religious/spiritual comfort	1.47	1.00	1.09	1.00	1.76	1.07	1.33	1.00
Feel loved by God	1.22	1.00	1.43	1.00	1.38	1.00	1.67	1.00
Feel punished by God	1.08	1.00	1.35	1.00	1.22	1.00	1.47	1.00
Experienced religious criticism	1.36	1.00	1.52	1.00	1.40	1.00	1.27	1.00
Faith-sharing	1.47	1.00	1.40	1.00	1.80	1.00	1.15	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates.

E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S16a. Weighted summary statistics for demographic and childhood variables in India

Characteristic	Wave 1 N = 12,765	Wave 2 N = 6,352
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	67 (0.5%)	27 (0.4%)
1943-1953 (current age: 70-79 years)	359 (2.8%)	189 (3.0%)
1953-1963 (current age: 60-69 years)	1,161 (9.1%)	603 (9.5%)
1963-1973 (current age: 50-59 years)	1,523 (11.9%)	780 (12.3%)
1973-1983 (current age: 40-49 years)	2,160 (16.9%)	1,111 (17.5%)
1983-1993 (current age: 30-39 years)	2,928 (22.9%)	1,517 (23.9%)
1993-1998 (current age: 25-29 years)	1,508 (11.8%)	806 (12.7%)
1998-2005 (current age: 18-24 years)	3,060 (24.0%)	1,320 (20.8%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	37.9	39.1
Standard Deviation	15.1	15.0
Min, Max	18.0, 96.0	19.0, 97.0
<i>Gender, n (%)</i>		
Male	6,500 (50.9%)	3,247 (51.1%)
Female	6,265 (49.1%)	3,105 (48.9%)
Other	0 (0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	2,242 (17.6%)	1,064 (16.7%)
Married	9,678 (75.8%)	4,990 (78.6%)
Separated	46 (0.4%)	38 (0.6%)
Divorced	24 (0.2%)	14 (0.2%)
Widowed	439 (3.4%)	209 (3.3%)
Domestic partner	259 (2.0%)	32 (0.5%)
(Missing)	77 (0.6%)	5 (0.1%)
<i>Education (years), n (%)</i>		
Up to 8	9,188 (72.0%)	4,103 (64.6%)
9-15	2,903 (22.7%)	1,826 (28.8%)
16+	671 (5.3%)	423 (6.7%)
(Missing)	3 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	2,707 (21.2%)	1,542 (24.3%)
Self-employed	3,359 (26.3%)	1,660 (26.1%)
Retired	271 (2.1%)	106 (1.7%)
Student	545 (4.3%)	182 (2.9%)
Homemaker	4,191 (32.8%)	1,779 (28.0%)
Unemployed and looking for a job	921 (7.2%)	590 (9.3%)
None of these/Other	722 (5.7%)	437 (6.9%)
(Missing)	49 (0.4%)	56 (0.9%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	2,853 (22.4%)	1,307 (20.6%)
Once a week	3,204 (25.1%)	1,592 (25.1%)
One to three times a month	2,700 (21.2%)	1,493 (23.5%)
A few times a year	2,051 (16.1%)	1,064 (16.7%)
Never	1,883 (14.7%)	879 (13.8%)
(Missing)	74 (0.6%)	18 (0.3%)
<i>Immigration status, n (%)</i>		
Born in this country	12,622 (98.9%)	6,280 (98.9%)
Born in another country	115 (0.9%)	59 (0.9%)

Table S16a. Weighted summary statistics for demographic and childhood variables in India

Characteristic	Wave 1 N = 12,765	Wave 2 N = 6,352
(Missing)	28 (0.2%)	13 (0.2%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	5,515 (43.2%)	2,769 (43.6%)
Parents were divorced	232 (1.8%)	120 (1.9%)
Parents were never married	1,056 (8.3%)	556 (8.7%)
One or both of them had died	938 (7.4%)	507 (8.0%)
Unsure	83 (0.6%)	23 (0.4%)
(Missing)	4,941 (38.7%)	2,378 (37.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	5,267 (41.3%)	2,631 (41.4%)
One to three times a month	2,933 (23.0%)	1,466 (23.1%)
Less than once a month	2,756 (21.6%)	1,335 (21.0%)
Never	1,489 (11.7%)	756 (11.9%)
(Missing)	321 (2.5%)	164 (2.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	11,436 (89.6%)	5,689 (89.6%)
Somewhat good	795 (6.2%)	398 (6.3%)
Somewhat bad	92 (0.7%)	49 (0.8%)
Very bad	79 (0.6%)	32 (0.5%)
(Does not apply)	275 (2.2%)	144 (2.3%)
(Missing)	86 (0.7%)	40 (0.6%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	10,897 (85.4%)	5,436 (85.6%)
Somewhat good	995 (7.8%)	480 (7.6%)
Somewhat bad	130 (1.0%)	79 (1.2%)
Very bad	110 (0.9%)	44 (0.7%)
(Does not apply)	483 (3.8%)	244 (3.8%)
(Missing)	150 (1.2%)	69 (1.1%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,951 (15.3%)	976 (15.4%)
No	10,753 (84.2%)	5,346 (84.2%)
(Missing)	60 (0.5%)	30 (0.5%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	1,485 (11.6%)	783 (12.3%)
No	10,484 (82.1%)	5,159 (81.2%)
(Missing)	796 (6.2%)	410 (6.5%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,171 (17.0%)	1,120 (17.6%)
Very good	3,845 (30.1%)	1,901 (29.9%)
Good	4,047 (31.7%)	1,978 (31.1%)
Fair	2,216 (17.4%)	1,133 (17.8%)
Poor	436 (3.4%)	197 (3.1%)
(Missing)	51 (0.4%)	24 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	4,869 (38.1%)	2,348 (37.0%)
Got by	3,032 (23.7%)	1,549 (24.4%)
Found it difficult	2,720 (21.3%)	1,415 (22.3%)
Found it very difficult	2,072 (16.2%)	1,007 (15.9%)
(Missing)	72 (0.6%)	32 (0.5%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	253 (2.0%)	117 (1.8%)

Table S16a. Weighted summary statistics for demographic and childhood variables in India

Characteristic	Wave 1 N = 12,765	Wave 2 N = 6,352
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	28 (0.2%)	9 (0.1%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	1,613 (12.6%)	839 (13.2%)
Hinduism	10,357 (81.1%)	5,158 (81.2%)
Buddhism	167 (1.3%)	84 (1.3%)
Judaism	0 (0%)	0 (0%)
Sikhism	122 (1.0%)	46 (0.7%)
Baha'i	0 (0%)	0 (0%)
Jainism	9 (0.1%)	4 (0.1%)
Shinto	4 (0.0%)	0 (0%)
Some other religion	66 (0.5%)	29 (0.5%)
No religion/Atheist/Agnostic	8 (0.1%)	8 (0.1%)
(Missing)	138 (1.1%)	58 (0.9%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S16b. Weighted summary statistics for exposure and outcome variables in India

Outcome	Wave 1 N = 12,765	Wave 2 N = 6,352
<i>Secure flourishing index</i>		
Mean	6.9	6.6
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	533 (4.2%)	56 (0.9%)
<i>Flourishing index</i>		
Mean	7.5	7.0
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	505 (4.0%)	55 (0.9%)
<i>Happiness & life satisfaction</i>		
Mean	6.7	6.5
Standard Deviation	3.1	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	89 (0.7%)	13 (0.2%)
<i>Physical & mental health</i>		
Mean	7.2	6.9
Standard Deviation	3.0	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	66 (0.5%)	8 (0.1%)
<i>Meaning & purpose</i>		
Mean	7.5	7.1
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	248 (1.9%)	17 (0.3%)
<i>Character & virtue</i>		
Mean	7.8	7.5
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	166 (1.3%)	22 (0.3%)
<i>Close social relationships</i>		
Mean	8.0	7.3
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	107 (0.8%)	12 (0.2%)
<i>Financial & material security</i>		
Mean	4.0	4.6
Standard Deviation	3.7	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	44 (0.3%)	3 (<0.1%)
<i>Life satisfaction</i>		
Mean	7.0	6.7
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	62 (0.5%)	4 (<0.1%)
<i>Happiness</i>		
Mean	6.5	6.2
Standard Deviation	3.6	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.3%)	9 (0.1%)
<i>Self-rated physical health</i>		

Table S16b. Weighted summary statistics for exposure and outcome variables in India

Outcome	Wave 1 N = 12,765	Wave 2 N = 6,352
Mean	7.0	6.8
Standard Deviation	3.4	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (0.2%)	2 (<0.1%)
<i>Self-rated mental health</i>		
Mean	7.4	6.9
Standard Deviation	3.3	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	41 (0.3%)	6 (<0.1%)
<i>Understanding purpose</i>		
Mean	8.0	7.5
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	118 (0.9%)	16 (0.3%)
<i>Meaningful activities</i>		
Mean	6.9	6.6
Standard Deviation	3.4	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	159 (1.2%)	6 (<0.1%)
<i>Orientation to promote good</i>		
Mean	8.4	7.9
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	67 (0.5%)	7 (0.1%)
<i>Delayed gratification</i>		
Mean	7.2	7.1
Standard Deviation	3.5	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	115 (0.9%)	19 (0.3%)
<i>Relationship contentment</i>		
Mean	8.0	7.4
Standard Deviation	3.1	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (0.3%)	7 (0.1%)
<i>Relationship satisfaction</i>		
Mean	7.9	7.2
Standard Deviation	3.1	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	79 (0.6%)	9 (0.1%)
<i>Financial security</i>		
Mean	4.1	4.6
Standard Deviation	4.1	3.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.2%)	2 (<0.1%)
<i>Material security</i>		
Mean	4.0	4.6
Standard Deviation	4.1	4.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.1%)	1 (<0.1%)
<i>Current life evaluation</i>		
Mean	5.6	5.6

Table S16b. Weighted summary statistics for exposure and outcome variables in India

Outcome	Wave 1 N = 12,765	Wave 2 N = 6,352
Standard Deviation	3.6	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	138 (1.1%)	7 (0.1%)
<i>Future life evaluation</i>		
Mean	7.3	6.9
Standard Deviation	3.1	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1,218 (9.5%)	115 (1.8%)
<i>Optimism</i>		
Mean	8.1	7.7
Standard Deviation	2.9	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	65 (0.5%)	11 (0.2%)
<i>Freedom to pursue what's important</i>		
Mean	8.1	7.7
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	68 (0.5%)	8 (0.1%)
<i>Inner peace, n (%)</i>		
Always	5,582 (43.7%)	2,570 (40.5%)
Often	2,085 (16.3%)	1,123 (17.7%)
Rarely	3,738 (29.3%)	1,985 (31.2%)
Never	1,235 (9.7%)	660 (10.4%)
(Missing)	125 (1.0%)	15 (0.2%)
<i>Life balance, n (%)</i>		
Always	4,111 (32.2%)	1,821 (28.7%)
Often	2,299 (18.0%)	1,209 (19.0%)
Rarely	4,892 (38.3%)	2,522 (39.7%)
Never	1,277 (10.0%)	782 (12.3%)
(Missing)	186 (1.5%)	17 (0.3%)
<i>Sense of mastery, n (%)</i>		
Always	6,940 (54.4%)	3,178 (50.0%)
Often	1,883 (14.8%)	939 (14.8%)
Rarely	2,909 (22.8%)	1,604 (25.3%)
Never	938 (7.3%)	623 (9.8%)
(Missing)	95 (0.7%)	8 (0.1%)
<i>Traumatic distress, n (%)</i>		
A lot	3,255 (25.5%)	1,949 (30.7%)
Some	2,850 (22.3%)	1,601 (25.2%)
Not very much	1,051 (8.2%)	418 (6.6%)
Not at all	5,525 (43.3%)	2,354 (37.1%)
(Missing)	84 (0.7%)	30 (0.5%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	6,188 (49.2%)	3,248 (51.3%)
	196 (1.5%)	27 (0.4%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	1,829 (14.3%)	916 (14.4%)
More than half the days	2,134 (16.7%)	1,446 (22.8%)
Several days	3,211 (25.2%)	1,475 (23.2%)
Not at all	5,481 (42.9%)	2,501 (39.4%)
(Missing)	111 (0.9%)	14 (0.2%)
<i>Depression – loss of interest, n (%)</i>		

Table S16b. Weighted summary statistics for exposure and outcome variables in India

Outcome	Wave 1 N = 12,765	Wave 2 N = 6,352
Nearly every day	3,692 (28.9%)	1,722 (27.1%)
More than half the days	2,259 (17.7%)	1,330 (20.9%)
Several days	2,766 (21.7%)	1,350 (21.3%)
Not at all	3,935 (30.8%)	1,934 (30.4%)
(Missing)	113 (0.9%)	17 (0.3%)
<i>Anxiety symptoms composite, n (%)</i>	4,529 (36.0%)	2,548 (40.4%)
(Missing)	185 (1.4%)	41 (0.6%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	1,991 (15.6%)	1,003 (15.8%)
More than half the days	2,031 (15.9%)	1,318 (20.8%)
Several days	2,988 (23.4%)	1,333 (21.0%)
Not at all	5,665 (44.4%)	2,674 (42.1%)
(Missing)	90 (0.7%)	24 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	2,121 (16.6%)	1,114 (17.5%)
More than half the days	1,895 (14.8%)	1,241 (19.5%)
Several days	2,690 (21.1%)	1,188 (18.7%)
Not at all	5,924 (46.4%)	2,784 (43.8%)
(Missing)	135 (1.1%)	25 (0.4%)
<i>Suffering, n (%)</i>		
A lot	2,693 (21.1%)	1,512 (23.8%)
Some	3,775 (29.6%)	2,098 (33.0%)
Not very much	1,228 (9.6%)	559 (8.8%)
Not at all	4,971 (38.9%)	2,159 (34.0%)
(Missing)	98 (0.8%)	24 (0.4%)
<i>Social support</i>		
Mean	6.5	6.1
Standard Deviation	3.9	3.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	52 (0.4%)	4 (<0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	10,406 (81.5%)	4,949 (77.9%)
No	2,333 (18.3%)	1,388 (21.8%)
(Missing)	27 (0.2%)	15 (0.2%)
<i>Government approval, n (%)</i>		
Strongly approve	7,069 (55.4%)	3,271 (51.5%)
Somewhat approve	3,465 (27.1%)	2,116 (33.3%)
Neither approve nor disapprove	506 (4.0%)	191 (3.0%)
Somewhat disapprove	645 (5.1%)	282 (4.4%)
Strongly disapprove	785 (6.1%)	412 (6.5%)
(Missing)	295 (2.3%)	80 (1.3%)
<i>Say in government, n (%)</i>		
Agree	9,906 (77.6%)	4,823 (75.9%)
Disagree	2,016 (15.8%)	1,164 (18.3%)
Unsure	769 (6.0%)	345 (5.4%)
(Missing)	74 (0.6%)	20 (0.3%)
<i>Belonging in country</i>		
Mean	8.4	8.1
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	119 (0.9%)	21 (0.3%)

Table S16b. Weighted summary statistics for exposure and outcome variables in India

Outcome	Wave 1 N = 12,765	Wave 2 N = 6,352
<i>City/place satisfaction, n (%)</i>		
Satisfied	11,835 (92.7%)	5,668 (89.2%)
Dissatisfied	826 (6.5%)	583 (9.2%)
Unsure	102 (0.8%)	96 (1.5%)
(Missing)	2 (0.0%)	5 (0.1%)
<i>Trust within country, n (%)</i>		
All people	2,108 (16.5%)	889 (14.0%)
Most people	2,194 (17.2%)	994 (15.6%)
Some people	5,863 (45.9%)	3,132 (49.3%)
Not very many people	1,072 (8.4%)	620 (9.8%)
None	1,098 (8.6%)	646 (10.2%)
(Missing)	430 (3.4%)	72 (1.1%)
<i>Number of children</i>		
Mean	1.5	1.9
Standard Deviation	1.7	3.1
Min, Max	0.0, 60.0	0.0, 97.0
(Missing)	18 (0.1%)	28 (0.4%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	588 (4.6%)	298 (4.7%)
Once a week	1,107 (8.7%)	553 (8.7%)
One to three times a month	1,491 (11.7%)	987 (15.5%)
A few times a year	1,877 (14.7%)	1,049 (16.5%)
Never	7,540 (59.1%)	3,433 (54.0%)
(Missing)	162 (1.3%)	32 (0.5%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	2,853 (22.4%)	1,307 (20.6%)
Once a week	3,204 (25.1%)	1,592 (25.1%)
One to three times a month	2,700 (21.2%)	1,493 (23.5%)
A few times a year	2,051 (16.1%)	1,064 (16.7%)
Never	1,883 (14.7%)	879 (13.8%)
(Missing)	74 (0.6%)	18 (0.3%)
<i>Loneliness</i>		
Mean	3.8	4.3
Standard Deviation	4.0	3.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (0.3%)	2 (<0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	1,681 (13.2%)	1,079 (17.0%)
Often	1,079 (8.5%)	677 (10.7%)
Rarely	2,640 (20.7%)	1,661 (26.2%)
Never	7,169 (56.2%)	2,906 (45.8%)
(Missing)	196 (1.5%)	28 (0.4%)
<i>Hope</i>		
Mean	8.3	7.7
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	88 (0.7%)	3 (<0.1%)
<i>Gratitude</i>		
Mean	7.7	7.2
Standard Deviation	3.1	3.1
Min, Max	0.0, 10.0	0.0, 10.0

Table S16b. Weighted summary statistics for exposure and outcome variables in India

Outcome	Wave 1 N = 12,765	Wave 2 N = 6,352
(Missing)	209 (1.6%)	8 (0.1%)
<i>Showing love/care</i>		
Mean	8.2	7.8
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	37 (0.3%)	1 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	7,783 (61.0%)	3,718 (58.5%)
Often	1,692 (13.3%)	787 (12.4%)
Rarely	2,148 (16.8%)	1,140 (18.0%)
Never	1,027 (8.0%)	675 (10.6%)
(Missing)	115 (0.9%)	32 (0.5%)
<i>Charitable giving, n (%)</i>		
Yes	4,936 (38.7%)	3,435 (54.1%)
No	7,778 (60.9%)	2,900 (45.7%)
(Missing)	51 (0.4%)	16 (0.3%)
<i>Helping strangers, n (%)</i>		
Yes	7,078 (55.4%)	4,349 (68.5%)
No	5,548 (43.5%)	1,977 (31.1%)
(Missing)	139 (1.1%)	26 (0.4%)
<i>Volunteering, n (%)</i>		
Yes	3,688 (28.9%)	2,928 (46.1%)
No	8,995 (70.5%)	3,398 (53.5%)
(Missing)	82 (0.6%)	26 (0.4%)
<i>Health problems, n (%)</i>		
Yes	3,579 (28.0%)	2,035 (32.0%)
No	9,079 (71.1%)	4,290 (67.5%)
(Missing)	107 (0.8%)	28 (0.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	2,586 (20.3%)	1,628 (25.6%)
Some	3,829 (30.0%)	2,062 (32.5%)
Not very much	1,126 (8.8%)	484 (7.6%)
None at all	5,188 (40.6%)	2,163 (34.0%)
(Missing)	36 (0.3%)	16 (0.3%)
<i>Number of drinks per week</i>		
Mean	0.4	0.3
Standard Deviation	4.5	2.8
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	518 (4.1%)	73 (1.1%)
<i>Days exercise per week</i>		
Mean	3.1	3.0
Standard Deviation	3.2	3.2
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	2,726 (21%)	819 (13%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	9,188 (72.0%)	4,103 (64.6%)
9-15	2,903 (22.7%)	1,826 (28.8%)
16+	671 (5.3%)	423 (6.7%)
(Missing)	3 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	2,707 (21.2%)	1,542 (24.3%)

Table S16b. Weighted summary statistics for exposure and outcome variables in India

Outcome	Wave 1 N = 12,765	Wave 2 N = 6,352
Self-employed	3,359 (26.3%)	1,660 (26.1%)
Retired	271 (2.1%)	106 (1.7%)
Student	545 (4.3%)	182 (2.9%)
Homemaker	4,191 (32.8%)	1,779 (28.0%)
Unemployed and looking for a job	921 (7.2%)	590 (9.3%)
None of these/Other	722 (5.7%)	437 (6.9%)
(Missing)	49 (0.4%)	56 (0.9%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	2,827 (22.1%)	1,459 (23.0%)
Getting by on present income	3,441 (27.0%)	1,855 (29.2%)
Finding it difficult on present income	3,552 (27.8%)	1,655 (26.1%)
Finding it very difficult on present income	2,872 (22.5%)	1,363 (21.5%)
(Missing)	73 (0.6%)	19 (0.3%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	10,235 (80.2%)	4,755 (74.9%)
Someone in this household rents this home	1,788 (14.0%)	990 (15.6%)
Both	148 (1.2%)	47 (0.7%)
Neither	480 (3.8%)	545 (8.6%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	113 (0.9%)	15 (0.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	7,775 (60.9%)	3,536 (55.7%)
Often	1,343 (10.5%)	755 (11.9%)
Rarely	2,321 (18.2%)	1,330 (20.9%)
Never	1,227 (9.6%)	718 (11.3%)
(Missing)	99 (0.8%)	13 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	6,129 (48.0%)	3,096 (48.7%)
No	5,314 (41.6%)	2,710 (42.7%)
Unsure	1,210 (9.5%)	533 (8.4%)
(Missing)	112 (0.9%)	12 (0.2%)
<i>Transformative religious experience, n (%)</i>		
Yes	7,167 (56.1%)	3,450 (54.3%)
No	5,214 (40.8%)	2,821 (44.4%)
(Missing)	384 (3.0%)	81 (1.3%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	1,690 (13.2%)	945 (14.9%)
About once a day	2,890 (22.6%)	1,376 (21.7%)
Sometimes	5,442 (42.6%)	2,630 (41.4%)
Never	2,675 (21.0%)	1,386 (21.8%)
(Missing)	69 (0.5%)	15 (0.2%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	4,299 (33.7%)	2,031 (32.0%)
About once a day	3,886 (30.4%)	2,036 (32.0%)
Sometimes	3,262 (25.6%)	1,618 (25.5%)
Never	1,285 (10.1%)	665 (10.5%)
(Missing)	33 (0.3%)	2 (0.0%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	7,160 (56.1%)	3,517 (55.4%)

Table S16b. Weighted summary statistics for exposure and outcome variables in India

Outcome	Wave 1 N = 12,765	Wave 2 N = 6,352
More than one god	4,729 (37.1%)	2,387 (37.6%)
An impersonal spiritual force	259 (2.0%)	109 (1.7%)
None of these	387 (3.0%)	264 (4.2%)
Unsure	203 (1.6%)	68 (1.1%)
(Missing)	27 (0.2%)	6 (0.1%)
<i>Religious centrality, n (%)</i>		
Agree	10,872 (85.2%)	5,341 (84.1%)
Disagree	1,220 (9.6%)	661 (10.4%)
Not relevant	205 (1.6%)	99 (1.6%)
Unsure	418 (3.3%)	242 (3.8%)
(Missing)	50 (0.4%)	9 (0.1%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	11,261 (88.2%)	5,421 (85.3%)
Disagree	1,077 (8.4%)	639 (10.1%)
Not relevant	142 (1.1%)	80 (1.3%)
Unsure	254 (2.0%)	209 (3.3%)
(Missing)	30 (0.2%)	3 (0.1%)
<i>Feel loved by God, n (%)</i>		
Agree	11,512 (90.2%)	5,600 (88.2%)
Disagree	936 (7.3%)	544 (8.6%)
Not relevant	129 (1.0%)	65 (1.0%)
Unsure	172 (1.3%)	140 (2.2%)
(Missing)	17 (0.1%)	3 (0.0%)
<i>Feel punished by God, n (%)</i>		
Agree	8,102 (63.5%)	4,158 (65.5%)
Disagree	3,972 (31.1%)	1,780 (28.0%)
Not relevant	251 (2.0%)	112 (1.8%)
Unsure	408 (3.2%)	296 (4.7%)
(Missing)	32 (0.3%)	6 (0.1%)
<i>Experienced religious criticism, n (%)</i>		
Agree	7,933 (62.1%)	3,906 (61.5%)
Disagree	3,947 (30.9%)	1,912 (30.1%)
Not relevant	260 (2.0%)	112 (1.8%)
Unsure	566 (4.4%)	412 (6.5%)
(Missing)	60 (0.5%)	10 (0.2%)
<i>Faith-sharing, n (%)</i>		
Agree	8,892 (69.7%)	4,345 (68.4%)
Disagree	3,102 (24.3%)	1,608 (25.3%)
Not relevant	340 (2.7%)	106 (1.7%)
Unsure	376 (2.9%)	283 (4.5%)
(Missing)	56 (0.4%)	10 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S16c. Unweighted summary statistics for demographic and childhood variables in India by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 6,682	Retained-Observed in Wave 2 N = 5,967
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	49 (0.7%)	16 (0.3%)
1943-1953 (current age: 70-79 years)	213 (3.2%)	141 (2.4%)
1953-1963 (current age: 60-69 years)	667 (10.0%)	479 (8.0%)
1963-1973 (current age: 50-59 years)	833 (12.5%)	673 (11.3%)
1973-1983 (current age: 40-49 years)	1,087 (16.3%)	1,056 (17.7%)
1983-1993 (current age: 30-39 years)	1,465 (21.9%)	1,441 (24.1%)
1993-1998 (current age: 25-29 years)	734 (11.0%)	764 (12.8%)
1998-2005 (current age: 18-24 years)	1,633 (24.4%)	1,397 (23.4%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	38.4	37.2
Standard Deviation	15.6	14.5
Min, Max	18.0, 95.0	18.0, 96.0
<i>Gender, n (%)</i>		
Male	3,166 (47.4%)	3,290 (55.1%)
Female	3,516 (52.6%)	2,678 (44.9%)
Other	0 (0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,151 (17.2%)	1,072 (18.0%)
Married	5,044 (75.5%)	4,549 (76.2%)
Separated	26 (0.4%)	20 (0.3%)
Divorced	14 (0.2%)	10 (0.2%)
Widowed	241 (3.6%)	193 (3.2%)
Domestic partner	153 (2.3%)	102 (1.7%)
(Missing)	53 (0.8%)	22 (0.4%)
<i>Education (years), n (%)</i>		
Up to 8	4,956 (74.2%)	4,139 (69.4%)
9-15	1,423 (21.3%)	1,460 (24.5%)
16+	300 (4.5%)	368 (6.2%)
(Missing)	3 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,417 (21.2%)	1,266 (21.2%)
Self-employed	1,643 (24.6%)	1,693 (28.4%)
Retired	148 (2.2%)	120 (2.0%)
Student	274 (4.1%)	267 (4.5%)
Homemaker	2,364 (35.4%)	1,778 (29.8%)
Unemployed and looking for a job	448 (6.7%)	467 (7.8%)
None of these/Other	363 (5.4%)	353 (5.9%)
(Missing)	25 (0.4%)	23 (0.4%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	1,447 (21.7%)	1,383 (23.2%)
Once a week	1,726 (25.8%)	1,446 (24.2%)
One to three times a month	1,353 (20.2%)	1,327 (22.2%)
A few times a year	1,071 (16.0%)	961 (16.1%)
Never	1,041 (15.6%)	821 (13.8%)
(Missing)	44 (0.7%)	28 (0.5%)
<i>Immigration status, n (%)</i>		

Table S16c. Unweighted summary statistics for demographic and childhood variables in India by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 6,682	Retained-Observed in Wave 2 N = 5,967
Born in this country	6,599 (98.8%)	5,909 (99.0%)
Born in another country	66 (1.0%)	47 (0.8%)
(Missing)	17 (0.3%)	11 (0.2%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,868 (42.9%)	2,599 (43.5%)
Parents were divorced	113 (1.7%)	117 (2.0%)
Parents were never married	536 (8.0%)	512 (8.6%)
One or both of them had died	469 (7.0%)	462 (7.7%)
Unsure	58 (0.9%)	23 (0.4%)
(Missing)	2,638 (39.5%)	2,255 (37.8%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	2,739 (41.0%)	2,481 (41.6%)
One to three times a month	1,521 (22.8%)	1,385 (23.2%)
Less than once a month	1,474 (22.1%)	1,254 (21.0%)
Never	783 (11.7%)	692 (11.6%)
(Missing)	164 (2.5%)	154 (2.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	5,969 (89.3%)	5,365 (89.9%)
Somewhat good	428 (6.4%)	360 (6.0%)
Somewhat bad	48 (0.7%)	43 (0.7%)
Very bad	48 (0.7%)	30 (0.5%)
(Does not apply)	141 (2.1%)	132 (2.2%)
(Missing)	47 (0.7%)	38 (0.6%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	5,672 (84.9%)	5,129 (85.9%)
Somewhat good	540 (8.1%)	445 (7.5%)
Somewhat bad	58 (0.9%)	71 (1.2%)
Very bad	70 (1.0%)	39 (0.6%)
(Does not apply)	256 (3.8%)	223 (3.7%)
(Missing)	87 (1.3%)	61 (1.0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,009 (15.1%)	925 (15.5%)
No	5,641 (84.4%)	5,014 (84.0%)
(Missing)	32 (0.5%)	28 (0.5%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	723 (10.8%)	752 (12.6%)
No	5,543 (83.0%)	4,842 (81.1%)
(Missing)	417 (6.2%)	373 (6.2%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,098 (16.4%)	1,056 (17.7%)
Very good	2,024 (30.3%)	1,785 (29.9%)
Good	2,153 (32.2%)	1,854 (31.1%)
Fair	1,136 (17.0%)	1,061 (17.8%)
Poor	242 (3.6%)	189 (3.2%)
(Missing)	28 (0.4%)	22 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	2,607 (39.0%)	2,214 (37.1%)

Table S16c. Unweighted summary statistics for demographic and childhood variables in India by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 6,682	Retained-Observed in Wave 2 N = 5,967
Got by	1,543 (23.1%)	1,464 (24.5%)
Found it difficult	1,367 (20.5%)	1,332 (22.3%)
Found it very difficult	1,122 (16.8%)	929 (15.6%)
(Missing)	43 (0.6%)	28 (0.5%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	139 (2.1%)	111 (1.9%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	19 (0.3%)	8 (0.1%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	860 (12.9%)	738 (12.4%)
Hinduism	5,368 (80.3%)	4,898 (82.1%)
Buddhism	87 (1.3%)	79 (1.3%)
Judaism	0 (0%)	0 (0%)
Sikhism	75 (1.1%)	44 (0.7%)
Baha'i	0 (0%)	0 (0%)
Jainism	5 (0.1%)	4 (0.1%)
Shinto	4 (0.1%)	0 (0%)
Some other religion	39 (0.6%)	26 (0.4%)
No religion/Atheist/Agnostic	2 (0.0%)	6 (0.1%)
(Missing)	84 (1.3%)	52 (0.9%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S16d. Unweighted summary statistics for Wave 1 outcome variables in India by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 6,682	Wave 2 N = 5,967
<i>Secure flourishing index</i>		
Mean	6.9	6.9
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	325 (4.9%)	200 (3.4%)
<i>Flourishing index</i>		
Mean	7.4	7.5
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	309 (4.6%)	188 (3.2%)
<i>Happiness & life satisfaction</i>		
Mean	6.7	6.7
Standard Deviation	3.2	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	54 (0.8%)	34 (0.6%)
<i>Physical & mental health</i>		
Mean	7.2	7.3
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.6%)	27 (0.5%)
<i>Meaning & purpose</i>		
Mean	7.5	7.5
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	151 (2.3%)	93 (1.6%)
<i>Character & virtue</i>		
Mean	7.7	7.9
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	101 (1.5%)	63 (1.1%)
<i>Close social relationships</i>		
Mean	7.9	8.0
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	64 (1.0%)	42 (0.7%)
<i>Financial & material security</i>		
Mean	4.1	4.0
Standard Deviation	3.7	3.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.4%)	19 (0.3%)
<i>Life satisfaction</i>		
Mean	7.0	7.0
Standard Deviation	3.5	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (0.6%)	21 (0.4%)
<i>Happiness</i>		
Mean	6.5	6.5
Standard Deviation	3.6	3.6
Min, Max	0.0, 10.0	0.0, 10.0

Table S16d. Unweighted summary statistics for Wave 1 outcome variables in India by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 6,682	Wave 2 N = 5,967
(Missing)	22 (0.3%)	16 (0.3%)
<i>Self-rated physical health</i>		
Mean	7.0	7.1
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.3%)	13 (0.2%)
<i>Self-rated mental health</i>		
Mean	7.4	7.5
Standard Deviation	3.3	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	25 (0.4%)	15 (0.3%)
<i>Understanding purpose</i>		
Mean	8.0	8.0
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	75 (1.1%)	41 (0.7%)
<i>Meaningful activities</i>		
Mean	7.0	6.9
Standard Deviation	3.4	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	96 (1.4%)	61 (1.0%)
<i>Orientation to promote good</i>		
Mean	8.3	8.4
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	47 (0.7%)	18 (0.3%)
<i>Delayed gratification</i>		
Mean	7.1	7.3
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	67 (1.0%)	46 (0.8%)
<i>Relationship contentment</i>		
Mean	8.0	8.0
Standard Deviation	3.2	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.3%)	15 (0.2%)
<i>Relationship satisfaction</i>		
Mean	7.9	8.0
Standard Deviation	3.1	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	49 (0.7%)	29 (0.5%)
<i>Financial security</i>		
Mean	4.1	4.1
Standard Deviation	4.1	4.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	14 (0.2%)
<i>Material security</i>		
Mean	4.0	3.9
Standard Deviation	4.1	4.1

Table S16d. Unweighted summary statistics for Wave 1 outcome variables in India by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 6,682	Wave 2 N = 5,967
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.2%)	7 (0.1%)
<i>Current life evaluation</i>		
Mean	5.6	5.6
Standard Deviation	3.6	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	89 (1.3%)	47 (0.8%)
<i>Future life evaluation</i>		
Mean	7.2	7.4
Standard Deviation	3.1	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	701 (10%)	502 (8.4%)
<i>Optimism</i>		
Mean	8.1	8.1
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	45 (0.7%)	18 (0.3%)
<i>Freedom to pursue what's important</i>		
Mean	8.1	8.2
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	41 (0.6%)	27 (0.4%)
<i>Inner peace, n (%)</i>		
Always	2,929 (43.8%)	2,602 (43.6%)
Often	1,076 (16.1%)	991 (16.6%)
Rarely	1,921 (28.7%)	1,785 (29.9%)
Never	682 (10.2%)	540 (9.0%)
(Missing)	74 (1.1%)	49 (0.8%)
<i>Life balance, n (%)</i>		
Always	2,180 (32.6%)	1,893 (31.7%)
Often	1,189 (17.8%)	1,090 (18.3%)
Rarely	2,513 (37.6%)	2,337 (39.2%)
Never	691 (10.3%)	574 (9.6%)
(Missing)	109 (1.6%)	74 (1.2%)
<i>Sense of mastery, n (%)</i>		
Always	3,650 (54.6%)	3,226 (54.1%)
Often	954 (14.3%)	915 (15.3%)
Rarely	1,492 (22.3%)	1,393 (23.3%)
Never	518 (7.8%)	409 (6.9%)
(Missing)	68 (1.0%)	25 (0.4%)
<i>Traumatic distress, n (%)</i>		
A lot	1,707 (25.5%)	1,519 (25.5%)
Some	1,488 (22.3%)	1,336 (22.4%)
Not very much	524 (7.8%)	519 (8.7%)
Not at all	2,908 (43.5%)	2,565 (43.0%)
(Missing)	55 (0.8%)	28 (0.5%)
<i>Depression symptoms composite, n (%)</i>	3,208 (48.9%)	2,926 (49.6%)
(Missing)	121 (1.8%)	72 (1.2%)
<i>Depression – feel hopeless, n (%)</i>		

Table S16d. Unweighted summary statistics for Wave 1 outcome variables in India by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 6,682	Wave 2 N = 5,967
Nearly every day	955 (14.3%)	857 (14.4%)
More than half the days	1,088 (16.3%)	1,029 (17.2%)
Several days	1,611 (24.1%)	1,575 (26.4%)
Not at all	2,956 (44.2%)	2,470 (41.4%)
(Missing)	72 (1.1%)	37 (0.6%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	1,946 (29.1%)	1,712 (28.7%)
More than half the days	1,157 (17.3%)	1,083 (18.2%)
Several days	1,416 (21.2%)	1,327 (22.2%)
Not at all	2,094 (31.3%)	1,803 (30.2%)
(Missing)	69 (1.0%)	42 (0.7%)
<i>Anxiety symptoms composite, n (%)</i>	2,362 (36.0%)	2,127 (36.0%)
(Missing)	121 (1.8%)	60 (1.0%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	1,056 (15.8%)	916 (15.3%)
More than half the days	1,037 (15.5%)	978 (16.4%)
Several days	1,593 (23.8%)	1,367 (22.9%)
Not at all	2,927 (43.8%)	2,689 (45.1%)
(Missing)	70 (1.0%)	19 (0.3%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	1,106 (16.6%)	995 (16.7%)
More than half the days	960 (14.4%)	920 (15.4%)
Several days	1,429 (21.4%)	1,235 (20.7%)
Not at all	3,103 (46.4%)	2,768 (46.4%)
(Missing)	84 (1.3%)	49 (0.8%)
<i>Suffering, n (%)</i>		
A lot	1,401 (21.0%)	1,269 (21.3%)
Some	1,913 (28.6%)	1,832 (30.7%)
Not very much	676 (10.1%)	539 (9.0%)
Not at all	2,634 (39.4%)	2,290 (38.4%)
(Missing)	59 (0.9%)	38 (0.6%)
<i>Social support</i>		
Mean	6.5	6.5
Standard Deviation	3.9	3.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	33 (0.5%)	19 (0.3%)
<i>Intimate/close friend, n (%)</i>		
Yes	5,466 (81.8%)	4,844 (81.2%)
No	1,200 (18.0%)	1,112 (18.6%)
(Missing)	16 (0.2%)	11 (0.2%)
<i>Government approval, n (%)</i>		
Strongly approve	3,663 (54.8%)	3,344 (56.0%)
Somewhat approve	1,792 (26.8%)	1,643 (27.5%)
Neither approve nor disapprove	294 (4.4%)	206 (3.5%)
Somewhat disapprove	336 (5.0%)	304 (5.1%)
Strongly disapprove	419 (6.3%)	358 (6.0%)
(Missing)	178 (2.7%)	113 (1.9%)
<i>Say in government, n (%)</i>		
Agree	5,153 (77.1%)	4,666 (78.2%)

Table S16d. Unweighted summary statistics for Wave 1 outcome variables in India by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2	Wave 2
	N = 6,682	N = 5,967
Disagree	1,068 (16.0%)	929 (15.6%)
Unsure	421 (6.3%)	339 (5.7%)
(Missing)	40 (0.6%)	33 (0.6%)
<i>Belonging in country</i>		
Mean	8.4	8.4
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	69 (1.0%)	49 (0.8%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	6,201 (92.8%)	5,526 (92.6%)
Dissatisfied	424 (6.3%)	395 (6.6%)
Unsure	56 (0.8%)	45 (0.8%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Trust within country, n (%)</i>		
All people	1,135 (17.0%)	952 (16.0%)
Most people	1,085 (16.2%)	1,094 (18.3%)
Some people	3,040 (45.5%)	2,771 (46.4%)
Not very many people	548 (8.2%)	515 (8.6%)
None	611 (9.1%)	474 (7.9%)
(Missing)	263 (3.9%)	161 (2.7%)
<i>Number of children</i>		
Mean	1.5	1.5
Standard Deviation	1.8	1.7
Min, Max	0.0, 52.0	0.0, 60.0
(Missing)	10 (0.1%)	8 (0.1%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	295 (4.4%)	288 (4.8%)
Once a week	571 (8.6%)	526 (8.8%)
One to three times a month	749 (11.2%)	731 (12.3%)
A few times a year	943 (14.1%)	919 (15.4%)
Never	4,033 (60.3%)	3,434 (57.5%)
(Missing)	91 (1.4%)	69 (1.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	1,447 (21.7%)	1,383 (23.2%)
Once a week	1,726 (25.8%)	1,446 (24.2%)
One to three times a month	1,353 (20.2%)	1,327 (22.2%)
A few times a year	1,071 (16.0%)	961 (16.1%)
Never	1,041 (15.6%)	821 (13.8%)
(Missing)	44 (0.7%)	28 (0.5%)
<i>Loneliness</i>		
Mean	3.8	3.8
Standard Deviation	4.0	4.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.3%)	14 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	892 (13.4%)	773 (13.0%)
Often	563 (8.4%)	506 (8.5%)
Rarely	1,314 (19.7%)	1,306 (21.9%)
Never	3,798 (56.8%)	3,303 (55.3%)

Table S16d. Unweighted summary statistics for Wave 1 outcome variables in India by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 6,682	N = 5,967
(Missing)	114 (1.7%)	80 (1.3%)
<i>Hope</i>		
Mean	8.3	8.4
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	59 (0.9%)	27 (0.5%)
<i>Gratitude</i>		
Mean	7.7	7.7
Standard Deviation	3.1	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	125 (1.9%)	81 (1.4%)
<i>Showing love/care</i>		
Mean	8.2	8.3
Standard Deviation	3.1	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (0.4%)	11 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	4,043 (60.5%)	3,671 (61.5%)
Often	880 (13.2%)	796 (13.3%)
Rarely	1,133 (17.0%)	995 (16.7%)
Never	557 (8.3%)	460 (7.7%)
(Missing)	69 (1.0%)	45 (0.8%)
<i>Charitable giving, n (%)</i>		
Yes	2,550 (38.2%)	2,344 (39.3%)
No	4,111 (61.5%)	3,594 (60.2%)
(Missing)	22 (0.3%)	30 (0.5%)
<i>Helping strangers, n (%)</i>		
Yes	3,645 (54.6%)	3,372 (56.5%)
No	2,959 (44.3%)	2,535 (42.5%)
(Missing)	77 (1.2%)	60 (1.0%)
<i>Volunteering, n (%)</i>		
Yes	1,882 (28.2%)	1,775 (29.8%)
No	4,755 (71.2%)	4,156 (69.6%)
(Missing)	45 (0.7%)	36 (0.6%)
<i>Health problems, n (%)</i>		
Yes	1,786 (26.7%)	1,767 (29.6%)
No	4,834 (72.3%)	4,157 (69.7%)
(Missing)	63 (0.9%)	43 (0.7%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	1,380 (20.6%)	1,181 (19.8%)
Some	1,962 (29.4%)	1,834 (30.7%)
Not very much	600 (9.0%)	515 (8.6%)
None at all	2,716 (40.6%)	2,425 (40.6%)
(Missing)	24 (0.4%)	11 (0.2%)
<i>Number of drinks per week</i>		
Mean	0.4	0.4
Standard Deviation	4.5	4.4
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	298 (4.5%)	214 (3.6%)

Table S16d. Unweighted summary statistics for Wave 1 outcome variables in India by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 6,682	Wave 2 N = 5,967
<i>Days exercise per week</i>		
Mean	3.0	3.3
Standard Deviation	3.2	3.2
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	1,465 (22%)	1,233 (21%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	4,956 (74.2%)	4,139 (69.4%)
9-15	1,423 (21.3%)	1,460 (24.5%)
16+	300 (4.5%)	368 (6.2%)
(Missing)	3 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,417 (21.2%)	1,266 (21.2%)
Self-employed	1,643 (24.6%)	1,693 (28.4%)
Retired	148 (2.2%)	120 (2.0%)
Student	274 (4.1%)	267 (4.5%)
Homemaker	2,364 (35.4%)	1,778 (29.8%)
Unemployed and looking for a job	448 (6.7%)	467 (7.8%)
None of these/Other	363 (5.4%)	353 (5.9%)
(Missing)	25 (0.4%)	23 (0.4%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,467 (21.9%)	1,335 (22.4%)
Getting by on present income	1,770 (26.5%)	1,642 (27.5%)
Finding it difficult on present income	1,873 (28.0%)	1,646 (27.6%)
Finding it very difficult on present income	1,519 (22.7%)	1,327 (22.2%)
(Missing)	54 (0.8%)	18 (0.3%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	5,287 (79.1%)	4,860 (81.4%)
Someone in this household rents this home	977 (14.6%)	792 (13.3%)
Both	72 (1.1%)	75 (1.3%)
Neither	268 (4.0%)	207 (3.5%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	78 (1.2%)	33 (0.6%)
<i>Religious/spiritual connection, n (%)</i>		
Always	4,057 (60.7%)	3,648 (61.1%)
Often	697 (10.4%)	634 (10.6%)
Rarely	1,212 (18.1%)	1,088 (18.2%)
Never	651 (9.7%)	565 (9.5%)
(Missing)	66 (1.0%)	32 (0.5%)
<i>Belief in life after death, n (%)</i>		
Yes	3,164 (47.4%)	2,912 (48.8%)
No	2,878 (43.1%)	2,381 (39.9%)
Unsure	583 (8.7%)	619 (10.4%)
(Missing)	56 (0.8%)	55 (0.9%)
<i>Transformative religious experience, n (%)</i>		
Yes	3,672 (55.0%)	3,435 (57.6%)
No	2,801 (41.9%)	2,362 (39.6%)
(Missing)	209 (3.1%)	171 (2.9%)

Table S16d. Unweighted summary statistics for Wave 1 outcome variables in India by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 6,682	Wave 2 N = 5,967
<i>Religious reading or listening, n (%)</i>		
More than once a day	840 (12.6%)	837 (14.0%)
About once a day	1,526 (22.8%)	1,336 (22.4%)
Sometimes	2,821 (42.2%)	2,573 (43.1%)
Never	1,451 (21.7%)	1,197 (20.1%)
(Missing)	44 (0.7%)	24 (0.4%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	2,270 (34.0%)	1,989 (33.3%)
About once a day	2,043 (30.6%)	1,808 (30.3%)
Sometimes	1,689 (25.3%)	1,544 (25.9%)
Never	657 (9.8%)	617 (10.3%)
(Missing)	23 (0.3%)	9 (0.1%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	3,776 (56.5%)	3,317 (55.6%)
More than one god	2,449 (36.7%)	2,239 (37.5%)
An impersonal spiritual force	132 (2.0%)	125 (2.1%)
None of these	200 (3.0%)	184 (3.1%)
Unsure	111 (1.7%)	90 (1.5%)
(Missing)	14 (0.2%)	13 (0.2%)
<i>Religious centrality, n (%)</i>		
Agree	5,647 (84.5%)	5,130 (86.0%)
Disagree	642 (9.6%)	566 (9.5%)
Not relevant	105 (1.6%)	98 (1.6%)
Unsure	257 (3.8%)	155 (2.6%)
(Missing)	31 (0.5%)	19 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	5,890 (88.1%)	5,270 (88.3%)
Disagree	564 (8.4%)	503 (8.4%)
Not relevant	75 (1.1%)	66 (1.1%)
Unsure	138 (2.1%)	113 (1.9%)
(Missing)	15 (0.2%)	15 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	6,019 (90.1%)	5,388 (90.3%)
Disagree	501 (7.5%)	426 (7.1%)
Not relevant	57 (0.8%)	72 (1.2%)
Unsure	93 (1.4%)	76 (1.3%)
(Missing)	12 (0.2%)	5 (0.1%)
<i>Feel punished by God, n (%)</i>		
Agree	4,205 (62.9%)	3,825 (64.1%)
Disagree	2,114 (31.6%)	1,820 (30.5%)
Not relevant	142 (2.1%)	106 (1.8%)
Unsure	209 (3.1%)	196 (3.3%)
(Missing)	12 (0.2%)	20 (0.3%)
<i>Experienced religious criticism, n (%)</i>		
Agree	4,085 (61.1%)	3,781 (63.4%)
Disagree	2,138 (32.0%)	1,768 (29.6%)
Not relevant	132 (2.0%)	126 (2.1%)
Unsure	292 (4.4%)	269 (4.5%)
(Missing)	36 (0.5%)	23 (0.4%)

Table S16d. Unweighted summary statistics for Wave 1 outcome variables in India by retention status.

Outcome	Attritons–NotRetained–Observed in	
	Observed in Wave 2 N = 6,682	Wave 2 N = 5,967
<i>Faith-sharing, n (%)</i>		
Agree	4,498 (67.3%)	4,323 (72.5%)
Disagree	1,761 (26.4%)	1,304 (21.8%)
Not relevant	183 (2.7%)	153 (2.6%)
Unsure	210 (3.1%)	162 (2.7%)
(Missing)	30 (0.4%)	26 (0.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S16e. Summary of fitted attrition model in India

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.82	0.77, 0.87	1.77e-10
Happiness & life satisfaction	0.99	0.93, 1.06	0.849
Physical & mental health	1.02	0.96, 1.08	0.576
Meaning & purpose	0.95	0.89, 1.02	0.144
Character & virtue	1.07	1.01, 1.13	0.015
Close social relationships	1.01	0.95, 1.06	0.848
Financial & material security	0.96	0.92, 1.02	0.173
Extraversion	1.05	1.00, 1.10	0.053
Openness to experience	1.02	0.98, 1.07	0.385
Agreeableness	1.01	0.96, 1.06	0.684
Conscientiousness	1.04	0.99, 1.10	0.134
Neuroticism	1.00	0.95, 1.04	0.847
Depression symptoms composite	1.03	0.98, 1.08	0.297
Anxiety symptoms composite	1.00	0.95, 1.06	0.881
Loneliness	0.98	0.93, 1.03	0.507
Days exercise per week	1.08	1.02, 1.13	0.004
Year of birth (age group)			
1983-1993 (current age: 30-39 years)	—	—	
1973-1983 (current age: 40-49 years)	0.99	0.87, 1.13	0.899
1998-2005 (current age: 18-24 years)	1.14	0.95, 1.36	0.161
1993-1998 (current age: 25-29 years)	1.05	0.91, 1.22	0.507
1963-1973 (current age: 50-59 years)	0.87	0.74, 1.04	0.120
1953-1963 (current age: 60-69 years)	0.80	0.66, 0.97	0.021
1943-1953 (current age: 70-79 years)	0.69	0.51, 0.95	0.021
1943 or earlier (current age: 80+ years)	0.35	0.16, 0.74	0.006
Gender of respondent			
Female	—	—	
Male	1.32	1.17, 1.49	4.79e-06
Marital status			
Married	—	—	
Single/Never been married	0.94	0.79, 1.11	0.431
Widowed	1.25	0.94, 1.65	0.122
Domestic partner	0.76	0.53, 1.10	0.142
Separated	1.04	0.47, 2.28	0.931
Divorced	0.86	0.30, 2.48	0.773
Employment status			
Homemaker	—	—	
Self-employed	1.18	1.02, 1.36	0.030
Employed for an employer	1.05	0.91, 1.21	0.543
Unemployed and looking for a job	1.13	0.91, 1.40	0.267
Student	1.01	0.77, 1.32	0.955
None of these/Other	1.14	0.92, 1.42	0.229
Retired	1.20	0.82, 1.75	0.357
Religious attendance			
Once a week	—	—	
More than once a week	1.14	0.99, 1.31	0.072
One to three times a month	1.13	0.99, 1.30	0.075
A few times a year	1.05	0.90, 1.23	0.525
Never	1.03	0.86, 1.22	0.750
Educational attainment (16+ years)			
Up to 8	—	—	
9-15	1.00	0.90, 1.12	0.977

Table S16e. Summary of fitted attrition model in India

Characteristic	Odds Ratio	95% CI	p-value
16+	1.09	0.92, 1.30	0.329
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.83	0.49, 1.42	0.490
Race plurality (prominent race/ethnic group [0] or not [1])	1.00	0.95, 1.05	0.939
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A rural area or on a farm</i>	0.97	0.86, 1.08	0.569
<i>A large city</i>	0.88	0.77, 1.00	0.053
<i>A suburb of a large city</i>	0.86	0.69, 1.08	0.188
Monthly household income			
<i>India: 7,501 – 10,000 rupees</i>	—	—	
<i>India: 10,001 – 15,000 rupees</i>	1.13	0.95, 1.34	0.166
<i>India: 4,001 – 5,000 rupees</i>	1.10	0.91, 1.34	0.328
<i>India: 5,001 – 6,000 rupees</i>	0.95	0.79, 1.14	0.569
<i>India: 15,001 – 20,000 rupees</i>	1.14	0.93, 1.40	0.212
<i>India: 1,001 – 2,000 rupees</i>	1.07	0.87, 1.32	0.524
<i>India: 2,001 – 3,000 rupees</i>	1.02	0.82, 1.28	0.850
<i>India: 20,001 – 35,000 rupees</i>	1.00	0.80, 1.24	0.996
<i>India: 3,001 – 4,000 rupees</i>	1.07	0.86, 1.33	0.570
<i>India: 6,001 – 7,500 rupees</i>	1.14	0.90, 1.45	0.270
<i>India: 1,000 rupees or less</i>	1.03	0.80, 1.31	0.841
<i>(None/No household income)</i>	0.94	0.72, 1.23	0.655
<i>India: 35,001 – 50,000 rupees</i>	1.04	0.76, 1.45	0.790
<i>India: More than 50,000 rupees</i>	1.34	0.92, 1.96	0.129

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=12765; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S16f. Summary of principal components in India

PC	Percent Explained by each PC	Cumulative Percent Explained
1	30.29	30.29
2	4.46	34.74
3	2.74	37.48
4	2.30	39.78
5	1.89	41.67
6	1.79	43.46
7	1.64	45.10
8	1.53	46.63
9	1.44	48.06
10	1.41	49.48
11	1.32	50.79
12	1.29	52.09
13	1.22	53.30
14	1.21	54.51
15	1.16	55.67
16	1.14	56.81
17	1.09	57.90
18	1.07	58.98
19	1.05	60.03
20	1.03	61.06

Notes. N=12765; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S16g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in India

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.46	(0.43,0.48)	0.01	2.22e-16***	0.35	(0.32,0.38)	0.02	2.22e-16***
Flourishing index	0.44	(0.41,0.46)	0.01	2.22e-16***	0.33	(0.30,0.36)	0.02	2.22e-16***
Happiness & life satisfaction	0.38	(0.35,0.40)	0.01	2.22e-16***	0.20	(0.17,0.23)	0.02	2.22e-16***
Physical & mental health	0.36	(0.34,0.39)	0.01	2.22e-16***	0.17	(0.14,0.20)	0.02	2.22e-16***
Meaning & purpose	0.31	(0.28,0.33)	0.01	2.22e-16***	0.10	(0.08,0.13)	0.01	2.85e-12***
Character & virtue	0.22	(0.19,0.25)	0.01	2.22e-16***	0.08	(0.05,0.10)	0.02	1.6e-06***
Close social relationships	0.28	(0.25,0.31)	0.01	2.22e-16***	0.13	(0.10,0.15)	0.01	2.22e-16***
Financial & material security	0.20	(0.18,0.23)	0.01	2.22e-16***	0.09	(0.07,0.11)	0.01	6.82e-13***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.34	(0.32,0.37)	0.01	2.22e-16***	0.16	(0.13,0.19)	0.02	2.22e-16***
Happiness (a)	0.32	(0.29,0.35)	0.01	2.22e-16***	0.12	(0.09,0.15)	0.01	1.11e-15***
Self-rated physical health (b)	0.32	(0.29,0.34)	0.01	2.22e-16***	0.12	(0.09,0.15)	0.01	6.66e-15***
Self-rated mental health (b)	0.31	(0.29,0.34)	0.01	2.22e-16***	0.12	(0.09,0.15)	0.01	3.15e-13***
Understanding purpose (c)	0.19	(0.17,0.22)	0.01	2.22e-16***	0.05	(0.02,0.07)	0.01	2.81e-04***
Meaningful activities (c)	0.29	(0.26,0.32)	0.01	2.22e-16***	0.10	(0.07,0.12)	0.01	9.28e-10***
Orientation to promote good (d)	0.21	(0.18,0.24)	0.01	2.22e-16***	0.06	(0.03,0.09)	0.02	2.01e-04***
Delayed gratification (d)	0.15	(0.12,0.18)	0.01	2.22e-16***	0.05	(0.03,0.08)	0.01	1.47e-04***
Relationship contentment (e)	0.26	(0.23,0.29)	0.01	2.22e-16***	0.11	(0.08,0.14)	0.01	1.28e-10***
Relationship satisfaction (e)	0.23	(0.20,0.25)	0.01	2.22e-16***	0.09	(0.06,0.11)	0.01	2.66e-11***
Financial security (f)	0.18	(0.16,0.21)	0.01	2.22e-16***	0.06	(0.03,0.08)	0.01	5.45e-06***
Material security (f)	0.18	(0.16,0.21)	0.01	2.22e-16***	0.07	(0.04,0.09)	0.01	5.25e-08***
<i>Psychological Well-Being</i>								
Current life evaluation	0.24	(0.21,0.26)	0.01	2.22e-16***	0.08	(0.06,0.11)	0.01	5.2e-10***
Future life evaluation	0.18	(0.15,0.20)	0.01	2.22e-16***	0.04	(0.01,0.07)	0.01	0.009*
Optimism	0.19	(0.16,0.22)	0.01	2.22e-16***	0.05	(0.03,0.08)	0.01	2.29e-04***
Freedom to pursue what's important	0.24	(0.21,0.26)	0.01	2.22e-16***	0.09	(0.07,0.12)	0.01	1.65e-11***
Inner peace	0.08	(0.06,0.11)	0.01	4.01e-10***	0.03	(0.01,0.06)	0.01	0.014*
Life balance	0.04	(0.02,0.07)	0.01	3.74e-04***	0.01	(-0.01,0.03)	0.01	0.466
Sense of mastery	0.07	(0.04,0.10)	0.01	2.71e-06***	0.02	(-0.00,0.05)	0.01	0.080
<i>Psychological Distress</i>								
Traumatic distress	-0.19	(-0.21,-0.16)	0.01	2.22e-16***	-0.05	(-0.08,-0.02)	0.01	5.07e-04***
Depression symptoms composite	-0.10	(-0.13,-0.08)	0.01	2.36e-14***	-0.02	(-0.04,0.01)	0.01	0.165
Depression – feel hopeless	-0.15	(-0.18,-0.13)	0.01	2.22e-16***	0.01	(-0.02,0.03)	0.01	0.648
Depression – loss of interest	-0.05	(-0.08,-0.02)	0.01	2.8e-04***	-0.01	(-0.03,0.01)	0.01	0.444
Anxiety symptoms composite	-0.19	(-0.22,-0.17)	0.01	2.22e-16***	-0.04	(-0.07,-0.02)	0.01	9.27e-04**
Anxiety – feel on edge	-0.17	(-0.20,-0.15)	0.01	2.22e-16***	-0.02	(-0.05,0.01)	0.01	0.114
Anxiety – cannot stop worrying	-0.14	(-0.16,-0.11)	0.01	2.22e-16***	-0.00	(-0.03,0.02)	0.01	0.753
Suffering	-0.12	(-0.15,-0.09)	0.01	2.22e-16***	0.01	(-0.01,0.04)	0.01	0.287
<i>Social Well-Being</i>								
Social support	0.23	(0.20,0.26)	0.01	2.22e-16***	0.12	(0.10,0.15)	0.01	2.22e-16***
Intimate/close friend	0.07	(0.04,0.09)	0.01	1.07e-07***	0.04	(0.01,0.06)	0.01	1.54e-03**
Government approval	0.06	(0.04,0.09)	0.01	1.4e-06***	0.05	(0.02,0.07)	0.01	1.06e-04***
Say in government	0.04	(0.02,0.07)	0.01	7.6e-04**	0.02	(-0.00,0.04)	0.01	0.079
Belonging in country	0.20	(0.17,0.23)	0.01	2.22e-16***	0.07	(0.04,0.09)	0.01	1.33e-06***
City/place satisfaction	0.09	(0.06,0.11)	0.01	1.14e-10***	0.05	(0.03,0.07)	0.01	4.11e-05***
Trust within country	0.08	(0.06,0.11)	0.01	2.3e-09***	0.06	(0.03,0.08)	0.01	6.85e-06***
<i>Social Participation</i>								
Ever been married	-0.06	(-0.14,0.01)	0.04	0.092	-0.00	(-0.07,0.07)	0.03	0.994
Currently divorced	0.01	(-0.02,0.04)	0.01	0.486	0.02	(-0.01,0.05)	0.01	0.221
Number of children	-0.04	(-0.07,-0.02)	0.01	2.27e-03**	-0.03	(-0.05,-0.01)	0.01	0.007*
Weekly+ community participation	0.02	(-0.00,0.05)	0.01	0.101	0.04	(0.01,0.06)	0.01	3e-03**
Weekly+ religious attendance	0.01	(-0.01,0.04)	0.01	0.275	0.01	(-0.01,0.03)	0.01	0.421
<i>Social Distress</i>								
Loneliness	-0.23	(-0.26,-0.21)	0.01	2.22e-16***	-0.07	(-0.10,-0.05)	0.01	9.24e-08***
Perceived discrimination	-0.03	(-0.05,-0.00)	0.01	0.035*	0.03	(0.01,0.05)	0.01	0.017*
<i>Character & Prosocial Behavior</i>								
Hope	0.21	(0.18,0.24)	0.01	2.22e-16***	0.07	(0.05,0.10)	0.01	4.81e-07***
Gratitude	0.15	(0.13,0.18)	0.01	2.22e-16***	0.03	(0.01,0.06)	0.01	0.014*
Showing love/care	0.15	(0.12,0.17)	0.01	2.22e-16***	0.05	(0.03,0.08)	0.01	5.55e-05***
Forgivingness	0.01	(-0.02,0.03)	0.01	0.460	0.00	(-0.02,0.03)	0.01	0.750
Charitable giving	0.03	(0.01,0.06)	0.01	0.008*	0.04	(0.02,0.06)	0.01	1.02e-03**
Helping strangers	0.04	(0.01,0.06)	0.01	3.49e-03**	0.03	(0.01,0.06)	0.01	0.019*
Volunteering	0.04	(0.01,0.06)	0.01	0.007*	0.06	(0.04,0.09)	0.01	1.91e-06***
<i>Physical Health & Health Behavior</i>								
Health problems	-0.11	(-0.14,-0.08)	0.02	2.07e-11***	-0.01	(-0.04,0.02)	0.01	0.552
Pain in past 4 weeks	-0.15	(-0.18,-0.12)	0.01	2.22e-16***	0.00	(-0.03,0.03)	0.01	0.997
Daily smoker	-0.04	(-0.06,-0.01)	0.01	0.009*	-0.03	(-0.05,-0.00)	0.01	0.024*
Number of drinks per week	0.01	(-0.02,0.03)	0.01	0.614	0.02	(-0.01,0.04)	0.01	0.160
Days exercise per week	0.02	(-0.01,0.05)	0.02	0.254	0.00	(-0.02,0.03)	0.01	0.744
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.06	(0.04,0.08)	0.01	1.03e-10***	0.04	(0.02,0.05)	0.01	2.46e-05***
Currently employed	-0.01	(-0.04,0.01)	0.01	0.351	-0.04	(-0.07,-0.01)	0.01	2.47e-03**
Financially comfortable/getting by	0.19	(0.16,0.22)	0.01	2.22e-16***	0.08	(0.06,0.11)	0.01	5.1e-09***
Own home	0.07	(0.04,0.10)	0.01	4.84e-06***	0.05	(0.02,0.07)	0.01	3.59e-04***
Income – top quintile	0.06	(0.03,0.08)	0.01	1.44e-04***	0.02	(-0.01,0.04)	0.01	0.145
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.04	(0.01,0.07)	0.02	0.012*	0.02	(-0.01,0.04)	0.01	0.246
Belief in life after death	-0.02	(-0.05,0.00)	0.01	0.053	-0.01	(-0.03,0.01)	0.01	0.351
Transformative religious experience	0.04	(0.01,0.07)	0.01	3.13e-03**	0.04	(0.02,0.07)	0.01	6.12e-04***
Religious reading or listening	0.05	(0.02,0.07)	0.01	7.06e-04**	0.05	(0.03,0.07)	0.01	9.99e-05***
Prayer or meditation	0.03	(0.00,0.06)	0.01	0.026*	0.04	(0.01,0.06)	0.01	2.47e-03**
Belief in God/gods/spiritual forces	0.02	(-0.01,0.05)	0.01	0.174	0.03	(0.00,0.05)	0.01	0.036*
Religious centrality	0.03	(0.00,0.06)	0.01	0.023*	0.02	(-0.00,0.05)	0.01	0.077
Religious/spiritual comfort	0.05	(0.02,0.08)	0.02	5.05e-04***	0.03	(0.01,0.06)	0.01	0.021*
Feel loved by God	0.04	(0.01,0.07)	0.01	2.22e-03**	0.03	(0.01,0.06)	0.01	0.011*
Feel punished by God	-0.03	(-0.05,-0.00)	0.01	0.027*	0.01	(-0.01,0.03)	0.01	0.443
Experienced religious criticism	-0.01	(-0.04,0.01)	0.01	0.304	-0.00	(-0.03,0.02)	0.01	0.753
Faith-sharing	0.04	(0.01,0.07)	0.01	3.29e-03**	0.06	(0.03,0.08)	0.01	6.76e-05***

Notes. N=12765; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S16h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in India using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.37	(0.33,0.41)	0.02	2.22e-16***	0.29	(0.25,0.34)	0.02	2.22e-16***
Flourishing index	0.36	(0.32,0.40)	0.02	2.22e-16***	0.28	(0.23,0.32)	0.02	2.22e-16***
Happiness & life satisfaction	0.31	(0.27,0.35)	0.02	2.22e-16***	0.17	(0.12,0.21)	0.02	8.79e-14***
Physical & mental health	0.31	(0.27,0.34)	0.02	2.22e-16***	0.16	(0.12,0.20)	0.02	1.07e-14***
Meaning & purpose	0.23	(0.19,0.27)	0.02	2.22e-16***	0.07	(0.03,0.12)	0.02	6.79e-04**
Character & virtue	0.17	(0.13,0.21)	0.02	2.22e-16***	0.06	(0.02,0.11)	0.02	3.5e-03**
Close social relationships	0.23	(0.19,0.26)	0.02	2.22e-16***	0.11	(0.07,0.14)	0.02	2.25e-08***
Financial & material security	0.16	(0.13,0.20)	0.02	2.22e-16***	0.06	(0.03,0.10)	0.02	3.14e-04***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.28	(0.24,0.32)	0.02	2.22e-16***	0.14	(0.10,0.18)	0.02	2.79e-10***
Happiness (a)	0.26	(0.22,0.30)	0.02	2.22e-16***	0.11	(0.06,0.15)	0.02	8.31e-07***
Self-rated physical health (b)	0.26	(0.22,0.30)	0.02	2.22e-16***	0.11	(0.07,0.15)	0.02	1.75e-07***
Self-rated mental health (b)	0.27	(0.23,0.31)	0.02	2.22e-16***	0.12	(0.08,0.16)	0.02	8.69e-10***
Understanding purpose (c)	0.15	(0.11,0.19)	0.02	3.91e-14***	0.04	(0.00,0.08)	0.02	0.035*
Meaningful activities (c)	0.22	(0.18,0.26)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	3.6e-03**
Orientation to promote good (d)	0.17	(0.13,0.21)	0.02	2.22e-16***	0.06	(0.01,0.10)	0.02	0.013*
Delayed gratification (d)	0.11	(0.07,0.15)	0.02	2.35e-08***	0.04	(0.01,0.08)	0.02	0.022*
Relationship contentment (e)	0.20	(0.17,0.24)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	2.12e-06***
Relationship satisfaction (e)	0.19	(0.15,0.23)	0.02	2.22e-16***	0.08	(0.04,0.12)	0.02	7.95e-05***
Financial security (f)	0.15	(0.11,0.18)	0.02	4.44e-15***	0.03	(-0.00,0.07)	0.02	0.079
Material security (f)	0.14	(0.11,0.17)	0.02	4.44e-16***	0.05	(0.01,0.08)	0.02	0.008*
<i>Psychological Well-Being</i>								
Current life evaluation	0.21	(0.17,0.25)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	2.03e-06***
Future life evaluation	0.15	(0.11,0.19)	0.02	8.55e-12***	0.04	(0.00,0.08)	0.02	0.041*
Optimism	0.14	(0.10,0.18)	0.02	1.63e-13***	0.03	(-0.00,0.07)	0.02	0.074
Freedom to pursue what's important	0.19	(0.16,0.23)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	1.78e-06***
Inner peace	0.06	(0.03,0.10)	0.02	8.21e-04**	0.01	(-0.02,0.05)	0.02	0.420
Life balance	0.04	(0.00,0.07)	0.02	0.036*	-0.00	(-0.04,0.03)	0.02	0.958
Sense of mastery	0.05	(0.01,0.08)	0.02	0.012*	0.01	(-0.03,0.04)	0.02	0.762
<i>Psychological Distress</i>								
Traumatic distress	-0.17	(-0.20,-0.13)	0.02	2.22e-16***	-0.04	(-0.08,-0.01)	0.02	0.022*
Depression symptoms composite	-0.08	(-0.12,-0.04)	0.02	1.04e-05***	-0.01	(-0.04,0.03)	0.02	0.682
Depression – feel hopeless	-0.12	(-0.16,-0.09)	0.02	2.46e-11***	0.02	(-0.02,0.06)	0.02	0.364
Depression – loss of interest	-0.04	(-0.08,-0.01)	0.02	0.026*	-0.01	(-0.04,0.03)	0.02	0.676
Anxiety symptoms composite	-0.17	(-0.21,-0.13)	0.02	2.22e-16***	-0.05	(-0.09,-0.01)	0.02	0.019*
Anxiety – feel on edge	-0.15	(-0.19,-0.11)	0.02	1.03e-14***	-0.03	(-0.07,0.01)	0.02	0.183
Anxiety – cannot stop worrying	-0.12	(-0.16,-0.08)	0.02	8.33e-11***	-0.01	(-0.05,0.03)	0.02	0.643
Suffering	-0.10	(-0.13,-0.06)	0.02	2.67e-07***	0.02	(-0.02,0.06)	0.02	0.272
<i>Social Well-Being</i>								
Social support	0.19	(0.15,0.23)	0.02	2.22e-16***	0.10	(0.07,0.14)	0.02	5.42e-09***
Intimate/close friend	0.07	(0.03,0.10)	0.02	5.21e-04***	0.03	(-0.01,0.06)	0.02	0.103
Government approval	0.06	(0.02,0.10)	0.02	0.005*	0.04	(0.00,0.08)	0.02	0.043*
Say in government	0.04	(0.01,0.08)	0.02	0.020*	0.02	(-0.02,0.05)	0.02	0.333
Belonging in country	0.16	(0.12,0.21)	0.02	9.33e-14***	0.05	(0.01,0.09)	0.02	0.022*
City/place satisfaction	0.09	(0.05,0.12)	0.02	3.57e-06***	0.05	(0.02,0.08)	0.02	1.62e-03**
Trust within country	0.08	(0.05,0.12)	0.02	1.69e-05***	0.06	(0.02,0.09)	0.02	9.53e-04**
<i>Social Participation</i>								
Ever been married	-0.10	(-0.21,0.01)	0.06	0.087	-0.03	(-0.13,0.08)	0.05	0.632
Currently divorced	0.02	(-0.02,0.06)	0.02	0.267	0.03	(-0.01,0.07)	0.02	0.164
Number of children	-0.01	(-0.05,0.02)	0.02	0.501	-0.01	(-0.05,0.02)	0.02	0.340
Weekly+ community participation	0.04	(0.00,0.07)	0.02	0.032*	0.04	(0.01,0.07)	0.02	0.008*
Weekly+ religious attendance	0.02	(-0.02,0.05)	0.02	0.310	0.01	(-0.02,0.05)	0.02	0.440
<i>Social Distress</i>								
Loneliness	-0.18	(-0.22,-0.15)	0.02	2.22e-16***	-0.05	(-0.09,-0.02)	0.02	0.005*
Perceived discrimination	-0.03	(-0.06,0.01)	0.02	0.157	0.02	(-0.01,0.06)	0.02	0.241
<i>Character & Prosocial Behavior</i>								
Hope	0.16	(0.12,0.20)	0.02	6.66e-16***	0.06	(0.02,0.10)	0.02	4.57e-03**
Gratitude	0.11	(0.08,0.15)	0.02	2.77e-10***	0.01	(-0.02,0.05)	0.02	0.479
Showing love/care	0.13	(0.10,0.17)	0.02	5.49e-12***	0.06	(0.02,0.09)	0.02	1.18e-03**
Forgivingness	0.01	(-0.02,0.05)	0.02	0.422	0.01	(-0.03,0.04)	0.02	0.693
Charitable giving	0.03	(-0.00,0.07)	0.02	0.064	0.02	(-0.02,0.06)	0.02	0.320
Helping strangers	0.04	(-0.00,0.07)	0.02	0.052	0.02	(-0.02,0.05)	0.02	0.370
Volunteering	0.04	(0.00,0.08)	0.02	0.032*	0.06	(0.02,0.09)	0.02	4.07e-03**
<i>Physical Health & Health Behavior</i>								
Health problems	-0.09	(-0.13,-0.06)	0.02	1.22e-06***	-0.01	(-0.05,0.02)	0.02	0.448
Pain in past 4 weeks	-0.13	(-0.17,-0.10)	0.02	4.11e-12***	-0.00	(-0.04,0.04)	0.02	0.961
Daily smoker	-0.04	(-0.08,-0.00)	0.02	0.043*	-0.03	(-0.07,0.00)	0.02	0.079
Number of drinks per week	0.02	(-0.00,0.03)	0.01	0.069	0.03	(0.00,0.06)	0.01	0.029*
Days exercise per week	0.01	(-0.03,0.05)	0.02	0.675	0.00	(-0.04,0.04)	0.02	0.880
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.06	(0.04,0.08)	0.01	1.85e-06***	0.04	(0.01,0.06)	0.01	2.11e-03**
Currently employed	-0.04	(-0.07,0.00)	0.02	0.062	-0.05	(-0.08,-0.01)	0.02	0.006*
Financially comfortable/getting by	0.16	(0.12,0.19)	0.02	2.22e-16***	0.07	(0.03,0.10)	0.02	1.53e-04***
Own home	0.06	(0.02,0.10)	0.02	3.47e-03**	0.05	(0.02,0.09)	0.02	0.005*
Income – top quintile	0.06	(0.01,0.11)	0.02	0.011*	0.03	(-0.01,0.07)	0.02	0.142
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.03	(-0.01,0.07)	0.02	0.168	0.01	(-0.03,0.04)	0.02	0.657
Belief in life after death	-0.02	(-0.06,0.01)	0.02	0.210	-0.01	(-0.05,0.02)	0.02	0.451
Transformative religious experience	0.04	(-0.00,0.07)	0.02	0.051	0.04	(0.01,0.08)	0.02	0.013*
Religious reading or listening	0.04	(0.00,0.07)	0.02	0.045*	0.04	(0.01,0.08)	0.02	0.010*
Prayer or meditation	0.02	(-0.02,0.06)	0.02	0.265	0.04	(0.00,0.07)	0.02	0.040*
Belief in God/gods/spiritual forces	0.02	(-0.01,0.06)	0.02	0.190	0.03	(0.00,0.07)	0.02	0.050*
Religious centrality	0.02	(-0.02,0.07)	0.02	0.246	0.01	(-0.03,0.04)	0.02	0.781
Religious/spiritual comfort	0.06	(0.02,0.10)	0.02	3.8e-03**	0.04	(-0.00,0.08)	0.02	0.052
Feel loved by God	0.03	(-0.01,0.07)	0.02	0.100	0.02	(-0.01,0.06)	0.02	0.210
Feel punished by God	-0.03	(-0.06,0.01)	0.02	0.123	0.00	(-0.03,0.03)	0.02	0.926
Experienced religious criticism	-0.02	(-0.06,0.01)	0.02	0.235	-0.02	(-0.06,0.01)	0.02	0.219
Faith-sharing	0.03	(-0.00,0.07)	0.02	0.090	0.04	(0.00,0.07)	0.02	0.038*

Notes. N=6374; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S16i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in India

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	1.79	1.76	1.64	1.60	1.69	1.64	1.58	1.52
Flourishing index	1.73	1.70	1.59	1.55	1.64	1.59	1.53	1.47
Happiness & life satisfaction	1.47	1.45	1.31	1.28	1.41	1.38	1.28	1.23
Physical & mental health	1.48	1.46	1.29	1.25	1.43	1.40	1.28	1.23
Meaning & purpose	1.47	1.44	1.23	1.19	1.39	1.35	1.19	1.12
Character & virtue	1.38	1.35	1.20	1.15	1.33	1.28	1.18	1.10
Close social relationships	1.43	1.40	1.25	1.22	1.37	1.33	1.23	1.18
Financial & material security	1.29	1.26	1.17	1.15	1.25	1.21	1.14	1.09
Individual Flourishing Index Items								
Life satisfaction	1.41	1.39	1.25	1.22	1.36	1.33	1.23	1.19
Happiness	1.39	1.36	1.21	1.18	1.34	1.30	1.20	1.15
Self-rated physical health	1.39	1.37	1.21	1.18	1.35	1.32	1.20	1.15
Self-rated mental health	1.41	1.38	1.22	1.18	1.37	1.34	1.22	1.18
Understanding purpose	1.31	1.29	1.13	1.09	1.27	1.23	1.12	1.03
Meaningful activities	1.37	1.35	1.19	1.15	1.31	1.27	1.14	1.08
Orientation to promote good	1.35	1.32	1.16	1.11	1.31	1.27	1.16	1.07
Delayed gratification	1.25	1.22	1.13	1.09	1.20	1.16	1.12	1.04
Relationship contentment	1.37	1.34	1.21	1.17	1.32	1.28	1.19	1.14
Relationship satisfaction	1.34	1.32	1.19	1.15	1.31	1.27	1.18	1.12
Financial security	1.25	1.23	1.13	1.09	1.22	1.18	1.09	1.00
Material security	1.25	1.22	1.14	1.11	1.21	1.18	1.11	1.05
Psychological Well-Being								
Current life evaluation	1.32	1.29	1.16	1.13	1.29	1.26	1.18	1.13
Future life evaluation	1.29	1.26	1.12	1.06	1.26	1.21	1.13	1.02
Optimism	1.32	1.29	1.15	1.10	1.26	1.22	1.12	1.00
Freedom to pursue what's important	1.36	1.33	1.20	1.17	1.32	1.28	1.20	1.15
Inner peace	1.62	1.48	1.32	1.13	1.49	1.27	1.19	1.00
Life balance	1.39	1.23	1.14	1.00	1.35	1.07	1.04	1.00
Sense of mastery	1.57	1.39	1.27	1.00	1.43	1.17	1.12	1.00
Psychological Distress								
Traumatic distress	2.16	2.01	1.41	1.25	2.05	1.85	1.39	1.12
Depression symptoms composite	1.70	1.56	1.21	1.00	1.58	1.39	1.13	1.00
Depression – feel hopeless	2.03	1.89	1.12	1.00	1.86	1.65	1.24	1.00
Depression – loss of interest	1.42	1.26	1.15	1.00	1.37	1.11	1.13	1.00
Anxiety symptoms composite	2.24	2.08	1.39	1.23	2.11	1.89	1.41	1.14
Anxiety – feel on edge	2.15	2.00	1.25	1.00	2.02	1.80	1.30	1.00
Anxiety – cannot stop worrying	1.93	1.78	1.10	1.00	1.85	1.64	1.15	1.00
Suffering	1.79	1.65	1.18	1.00	1.67	1.48	1.24	1.00
Social Well-Being								
Social support	1.30	1.28	1.20	1.18	1.26	1.23	1.18	1.15
Intimate/close friend	1.63	1.45	1.40	1.22	1.60	1.34	1.34	1.00
Government approval	1.63	1.43	1.51	1.32	1.58	1.26	1.46	1.07
Say in government	1.43	1.25	1.27	1.00	1.43	1.14	1.24	1.00
Belonging in country	1.33	1.30	1.17	1.13	1.29	1.24	1.14	1.05
City/place satisfaction	2.05	1.78	1.66	1.42	2.02	1.66	1.68	1.34
Trust within country	1.74	1.56	1.54	1.37	1.76	1.48	1.57	1.31
Social Participation								
Ever been married	1.59	1.00	1.03	1.00	1.83	1.00	1.32	1.00
Currently divorced	1.77	1.00	2.25	1.00	2.49	1.00	3.00	1.00
Number of children	1.17	1.10	1.15	1.07	1.09	1.00	1.10	1.00
Weekly+ community participation	1.31	1.00	1.43	1.22	1.44	1.10	1.48	1.20
Weekly+ religious attendance	1.19	1.00	1.15	1.00	1.22	1.00	1.18	1.00
Social Distress								
Loneliness	1.29	1.27	1.15	1.12	1.25	1.22	1.12	1.06
Perceived discrimination	1.32	1.07	1.33	1.12	1.31	1.00	1.27	1.00
Character & Prosocial Behavior								
Hope	1.35	1.32	1.18	1.14	1.29	1.25	1.16	1.08
Gratitude	1.26	1.23	1.11	1.05	1.22	1.18	1.07	1.00
Showing love/care	1.26	1.23	1.14	1.10	1.25	1.20	1.15	1.09
Forgivingness	1.16	1.00	1.10	1.00	1.20	1.00	1.13	1.00
Charitable giving	1.32	1.14	1.37	1.21	1.33	1.00	1.23	1.00
Helping strangers	1.35	1.18	1.30	1.11	1.33	1.00	1.21	1.00
Volunteering	1.36	1.16	1.52	1.36	1.39	1.09	1.48	1.23
Physical Health & Health Behavior								
Health problems	1.79	1.61	1.15	1.00	1.70	1.48	1.20	1.00
Pain in past 4 weeks	1.95	1.80	1.01	1.00	1.87	1.67	1.04	1.00
Daily smoker	1.51	1.21	1.41	1.12	1.57	1.07	1.47	1.00
Number of drinks per week	1.04	1.00	1.06	1.00	1.06	1.00	1.08	1.03
Days exercise per week	1.08	1.00	1.04	1.00	1.05	1.00	1.03	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.89	1.68	1.60	1.39	1.86	1.57	1.61	1.31
Currently employed	1.19	1.00	1.37	1.20	1.34	1.00	1.42	1.19
Financially comfortable/getting by	2.17	2.02	1.60	1.46	1.99	1.79	1.51	1.31
Own home	1.63	1.43	1.49	1.29	1.56	1.27	1.51	1.23
Income – top quintile	1.52	1.32	1.25	1.00	1.55	1.22	1.35	1.00
Religion & Spirituality								
Religious/spiritual connection	1.38	1.15	1.22	1.00	1.30	1.00	1.15	1.00
Belief in life after death	1.26	1.00	1.16	1.00	1.25	1.00	1.18	1.00
Transformative religious experience	1.36	1.19	1.38	1.23	1.34	1.00	1.38	1.15
Religious reading or listening	1.41	1.24	1.43	1.28	1.35	1.04	1.39	1.16
Prayer or meditation	1.31	1.09	1.36	1.19	1.25	1.00	1.36	1.06
Belief in God/gods/spiritual forces	1.39	1.00	1.51	1.10	1.45	1.00	1.58	1.02
Religious centrality	1.38	1.12	1.31	1.00	1.33	1.00	1.13	1.00
Religious/spiritual comfort	1.60	1.34	1.44	1.14	1.66	1.31	1.49	1.00
Feel loved by God	1.52	1.27	1.44	1.18	1.43	1.00	1.35	1.00
Feel punished by God	1.29	1.08	1.14	1.00	1.29	1.00	1.06	1.00
Experienced religious criticism	1.19	1.00	1.09	1.00	1.25	1.00	1.25	1.00
Faith-sharing	1.40	1.21	1.47	1.31	1.33	1.00	1.36	1.07

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S17a. Weighted summary statistics for demographic and childhood variables in Indonesia

Characteristic	Wave 1 N = 6,992	Wave 2 N = 2,661
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	20 (0.3%)	12 (0.5%)
1943-1953 (current age: 70-79 years)	85 (1.2%)	41 (1.6%)
1953-1963 (current age: 60-69 years)	520 (7.4%)	213 (8.0%)
1963-1973 (current age: 50-59 years)	1,171 (16.8%)	473 (17.8%)
1973-1983 (current age: 40-49 years)	1,470 (21.0%)	599 (22.5%)
1983-1993 (current age: 30-39 years)	1,526 (21.8%)	554 (20.8%)
1993-1998 (current age: 25-29 years)	795 (11.4%)	330 (12.4%)
1998-2005 (current age: 18-24 years)	1,404 (20.1%)	439 (16.5%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	38.9	40.3
Standard Deviation	14.2	14.2
Min, Max	18.0, 99.0	19.0, 93.0
<i>Gender, n (%)</i>		
Male	3,497 (50.0%)	1,339 (50.3%)
Female	3,477 (49.7%)	1,316 (49.4%)
Other	7 (0.1%)	2 (0.1%)
(Missing)	11 (0.2%)	4 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,498 (21.4%)	541 (20.3%)
Married	4,715 (67.4%)	1,849 (69.5%)
Separated	83 (1.2%)	38 (1.4%)
Divorced	192 (2.7%)	58 (2.2%)
Widowed	442 (6.3%)	160 (6.0%)
Domestic partner	18 (0.3%)	14 (0.5%)
(Missing)	43 (0.6%)	2 (0.1%)
<i>Education (years), n (%)</i>		
Up to 8	3,509 (50.2%)	1,120 (42.1%)
9-15	3,146 (45.0%)	1,344 (50.5%)
16+	334 (4.8%)	197 (7.4%)
(Missing)	3 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,308 (18.7%)	372 (14.0%)
Self-employed	2,157 (30.9%)	733 (27.5%)
Retired	67 (1.0%)	27 (1.0%)
Student	318 (4.5%)	55 (2.1%)
Homemaker	2,111 (30.2%)	812 (30.5%)
Unemployed and looking for a job	561 (8.0%)	259 (9.7%)
None of these/Other	450 (6.4%)	369 (13.9%)
(Missing)	20 (0.3%)	34 (1.3%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	2,671 (38.2%)	924 (34.7%)
Once a week	2,540 (36.3%)	954 (35.8%)
One to three times a month	773 (11.1%)	350 (13.2%)
A few times a year	645 (9.2%)	274 (10.3%)
Never	345 (4.9%)	149 (5.6%)
(Missing)	18 (0.3%)	10 (0.4%)
<i>Immigration status, n (%)</i>		
Born in this country	6,958 (99.5%)	2,649 (99.5%)

Table S17a. Weighted summary statistics for demographic and childhood variables in Indonesia

Characteristic	Wave 1 N = 6,992	Wave 2 N = 2,661
Born in another country	34 (0.5%)	13 (0.5%)
(Missing)	0 (0%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	5,503 (78.7%)	2,071 (77.8%)
Parents were divorced	465 (6.7%)	195 (7.3%)
Parents were never married	49 (0.7%)	12 (0.5%)
One or both of them had died	762 (10.9%)	330 (12.4%)
Unsure	109 (1.6%)	30 (1.1%)
(Missing)	104 (1.5%)	23 (0.9%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	5,361 (76.7%)	2,083 (78.3%)
One to three times a month	982 (14.0%)	330 (12.4%)
Less than once a month	320 (4.6%)	113 (4.3%)
Never	278 (4.0%)	114 (4.3%)
(Missing)	51 (0.7%)	21 (0.8%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	6,217 (88.9%)	2,331 (87.6%)
Somewhat good	597 (8.5%)	238 (8.9%)
Somewhat bad	53 (0.8%)	32 (1.2%)
Very bad	28 (0.4%)	11 (0.4%)
(Does not apply)	69 (1.0%)	39 (1.5%)
(Missing)	28 (0.4%)	10 (0.4%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	6,061 (86.7%)	2,295 (86.2%)
Somewhat good	640 (9.2%)	237 (8.9%)
Somewhat bad	67 (1.0%)	38 (1.4%)
Very bad	52 (0.7%)	19 (0.7%)
(Does not apply)	113 (1.6%)	46 (1.7%)
(Missing)	60 (0.9%)	26 (1.0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	356 (5.1%)	149 (5.6%)
No	6,625 (94.8%)	2,511 (94.4%)
(Missing)	11 (0.2%)	1 (0.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	504 (7.2%)	195 (7.3%)
No	6,412 (91.7%)	2,449 (92.0%)
(Missing)	76 (1.1%)	17 (0.6%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,272 (18.2%)	457 (17.2%)
Very good	1,957 (28.0%)	734 (27.6%)
Good	2,453 (35.1%)	923 (34.7%)
Fair	1,251 (17.9%)	526 (19.8%)
Poor	58 (0.8%)	21 (0.8%)
(Missing)	0 (<0.0%)	0 (<0.0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	3,373 (48.2%)	1,218 (45.8%)
Got by	2,963 (42.4%)	1,198 (45.0%)
Found it difficult	454 (6.5%)	173 (6.5%)
Found it very difficult	193 (2.8%)	69 (2.6%)
(Missing)	8 (0.1%)	4 (0.1%)

Table S17a. Weighted summary statistics for demographic and childhood variables in Indonesia

Characteristic	Wave 1 N = 6,992	Wave 2 N = 2,661
<i>Religious affiliation growing up, n (%)</i>		
Christianity	515 (7.4%)	215 (8.1%)
Taoism	0 (<0.0%)	0 (<0.0%)
Confucianism	1 (<0.0%)	0 (0%)
Primal, Animist, or Folk religion	0 (<0.0%)	0 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	6,388 (91.4%)	2,415 (90.8%)
Hinduism	73 (1.0%)	22 (0.8%)
Buddhism	5 (0.1%)	6 (0.2%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	1 (<0.0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	2 (0.0%)	2 (0.1%)
(Missing)	7 (0.1%)	1 (0.0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S17b. Weighted summary statistics for exposure and outcome variables in Indonesia

Outcome	Wave 1 N = 6,992	Wave 2 N = 2,661
<i>Secure flourishing index</i>		
Mean	8.1	7.9
Standard Deviation	1.4	1.4
Min, Max	0.8, 10.0	0.0, 10.0
(Missing)	164 (2.3%)	61 (2.3%)
<i>Flourishing index</i>		
Mean	8.5	8.3
Standard Deviation	1.3	1.4
Min, Max	0.5, 10.0	0.0, 10.0
(Missing)	149 (2.1%)	54 (2.0%)
<i>Happiness & life satisfaction</i>		
Mean	8.0	7.9
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (0.5%)	15 (0.6%)
<i>Physical & mental health</i>		
Mean	8.4	8.1
Standard Deviation	1.7	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	37 (0.5%)	5 (0.2%)
<i>Meaning & purpose</i>		
Mean	8.7	8.5
Standard Deviation	1.5	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (0.7%)	18 (0.7%)
<i>Character & virtue</i>		
Mean	8.5	8.4
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (0.7%)	15 (0.6%)
<i>Close social relationships</i>		
Mean	8.7	8.6
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (0.7%)	11 (0.4%)
<i>Financial & material security</i>		
Mean	6.3	6.2
Standard Deviation	3.1	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.4%)	8 (0.3%)
<i>Life satisfaction</i>		
Mean	8.0	7.9
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.3%)	7 (0.3%)
<i>Happiness</i>		
Mean	8.1	7.9
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.3%)	9 (0.4%)

Table S17b. Weighted summary statistics for exposure and outcome variables in Indonesia

Outcome	Wave 1 N = 6,992	Wave 2 N = 2,661
<i>Self-rated physical health</i>		
Mean	8.3	8.0
Standard Deviation	2.0	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.3%)	4 (0.1%)
<i>Self-rated mental health</i>		
Mean	8.6	8.3
Standard Deviation	1.9	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.4%)	3 (0.1%)
<i>Understanding purpose</i>		
Mean	8.9	8.6
Standard Deviation	1.7	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	25 (0.4%)	15 (0.6%)
<i>Meaningful activities</i>		
Mean	8.5	8.4
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (0.4%)	3 (0.1%)
<i>Orientation to promote good</i>		
Mean	8.6	8.6
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.4%)	13 (0.5%)
<i>Delayed gratification</i>		
Mean	8.4	8.2
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	41 (0.6%)	3 (0.1%)
<i>Relationship contentment</i>		
Mean	8.8	8.7
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.4%)	6 (0.2%)
<i>Relationship satisfaction</i>		
Mean	8.6	8.4
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.4%)	5 (0.2%)
<i>Financial security</i>		
Mean	6.1	6.0
Standard Deviation	3.4	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	7 (0.3%)
<i>Material security</i>		
Mean	6.4	6.4
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	1 (<0.1%)

Table S17b. Weighted summary statistics for exposure and outcome variables in Indonesia

Outcome	Wave 1 N = 6,992	Wave 2 N = 2,661
<i>Current life evaluation</i>		
Mean	7.0	7.0
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	33 (0.5%)	3 (0.1%)
<i>Future life evaluation</i>		
Mean	8.4	8.3
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	82 (1.2%)	19 (0.7%)
<i>Optimism</i>		
Mean	9.1	9.1
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.3%)	2 (<0.1%)
<i>Freedom to pursue what's important</i>		
Mean	8.8	8.6
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.3%)	1 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	2,485 (35.5%)	764 (28.7%)
Often	2,431 (34.8%)	979 (36.8%)
Rarely	1,472 (21.1%)	721 (27.1%)
Never	581 (8.3%)	187 (7.0%)
(Missing)	23 (0.3%)	11 (0.4%)
<i>Life balance, n (%)</i>		
Always	2,126 (30.4%)	665 (25.0%)
Often	2,631 (37.6%)	1,057 (39.7%)
Rarely	1,726 (24.7%)	710 (26.7%)
Never	474 (6.8%)	220 (8.3%)
(Missing)	35 (0.5%)	9 (0.3%)
<i>Sense of mastery, n (%)</i>		
Always	2,551 (36.5%)	837 (31.5%)
Often	2,819 (40.3%)	1,174 (44.1%)
Rarely	1,328 (19.0%)	502 (18.9%)
Never	262 (3.7%)	131 (4.9%)
(Missing)	32 (0.5%)	17 (0.6%)
<i>Traumatic distress, n (%)</i>		
A lot	428 (6.1%)	213 (8.0%)
Some	1,143 (16.3%)	510 (19.2%)
Not very much	2,627 (37.6%)	1,123 (42.2%)
Not at all	2,770 (39.6%)	814 (30.6%)
(Missing)	23 (0.3%)	1 (0.1%)
<i>Depression symptoms composite, n (%)</i>	1,375 (19.8%)	568 (21.6%)
(Missing)	56 (0.8%)	28 (1.1%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	398 (5.7%)	175 (6.6%)
More than half the days	396 (5.7%)	148 (5.6%)
Several days	1,846 (26.4%)	793 (29.8%)

Table S17b. Weighted summary statistics for exposure and outcome variables in Indonesia

Outcome	Wave 1 N = 6,992	Wave 2 N = 2,661
Not at all	4,333 (62.0%)	1,541 (57.9%)
(Missing)	19 (0.3%)	3 (0.1%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	753 (10.8%)	264 (9.9%)
More than half the days	545 (7.8%)	263 (9.9%)
Several days	2,419 (34.6%)	1,088 (40.9%)
Not at all	3,230 (46.2%)	1,018 (38.3%)
(Missing)	44 (0.6%)	28 (1.1%)
<i>Anxiety symptoms composite, n (%)</i>	1,005 (14.4%)	455 (17.1%)
(Missing)	29 (0.4%)	8 (0.3%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	501 (7.2%)	234 (8.8%)
More than half the days	415 (5.9%)	187 (7.0%)
Several days	2,034 (29.1%)	809 (30.4%)
Not at all	4,031 (57.6%)	1,425 (53.5%)
(Missing)	11 (0.2%)	6 (0.2%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	432 (6.2%)	199 (7.5%)
More than half the days	348 (5.0%)	180 (6.8%)
Several days	1,544 (22.1%)	657 (24.7%)
Not at all	4,645 (66.4%)	1,621 (60.9%)
(Missing)	22 (0.3%)	5 (0.2%)
<i>Suffering, n (%)</i>		
A lot	588 (8.4%)	278 (10.4%)
Some	1,217 (17.4%)	536 (20.2%)
Not very much	2,682 (38.4%)	1,090 (41.0%)
Not at all	2,459 (35.2%)	744 (28.0%)
(Missing)	46 (0.7%)	13 (0.5%)
<i>Social support</i>		
Mean	7.5	7.2
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.1%)	1 (<0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	5,380 (76.9%)	2,142 (80.5%)
No	1,601 (22.9%)	508 (19.1%)
(Missing)	11 (0.2%)	11 (0.4%)
<i>Government approval, n (%)</i>		
Strongly approve	1,800 (25.7%)	585 (22.0%)
Somewhat approve	1,116 (16.0%)	453 (17.0%)
Neither approve nor disapprove	3,586 (51.3%)	1,382 (51.9%)
Somewhat disapprove	277 (4.0%)	166 (6.2%)
Strongly disapprove	166 (2.4%)	58 (2.2%)
(Missing)	47 (0.7%)	18 (0.7%)
<i>Say in government, n (%)</i>		
Agree	5,540 (79.2%)	2,136 (80.2%)
Disagree	369 (5.3%)	113 (4.2%)
Unsure	1,032 (14.8%)	384 (14.4%)
(Missing)	51 (0.7%)	28 (1.1%)
<i>Belonging in country</i>		

Table S17b. Weighted summary statistics for exposure and outcome variables in Indonesia

Outcome	Wave 1 N = 6,992	Wave 2 N = 2,661
Mean	8.8	8.8
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	43 (0.6%)	26 (1.0%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	6,328 (90.5%)	2,288 (86.0%)
Dissatisfied	291 (4.2%)	203 (7.6%)
Unsure	368 (5.3%)	162 (6.1%)
(Missing)	5 (0.1%)	9 (0.3%)
<i>Trust within country, n (%)</i>		
All people	696 (10.0%)	253 (9.5%)
Most people	2,743 (39.2%)	1,065 (40.0%)
Some people	1,933 (27.7%)	711 (26.7%)
Not very many people	1,234 (17.6%)	478 (18.0%)
None	293 (4.2%)	131 (4.9%)
(Missing)	92 (1.3%)	24 (0.9%)
<i>Number of children</i>		
Mean	1.3	1.5
Standard Deviation	1.4	2.4
Min, Max	0.0, 97.0	0.0, 96.0
(Missing)	0 (<0.1%)	258 (9.7%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	886 (12.7%)	355 (13.3%)
Once a week	1,379 (19.7%)	533 (20.0%)
One to three times a month	986 (14.1%)	407 (15.3%)
A few times a year	1,219 (17.4%)	548 (20.6%)
Never	2,499 (35.7%)	807 (30.3%)
(Missing)	23 (0.3%)	11 (0.4%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	2,671 (38.2%)	924 (34.7%)
Once a week	2,540 (36.3%)	954 (35.8%)
One to three times a month	773 (11.1%)	350 (13.2%)
A few times a year	645 (9.2%)	274 (10.3%)
Never	345 (4.9%)	149 (5.6%)
(Missing)	18 (0.3%)	10 (0.4%)
<i>Loneliness</i>		
Mean	2.5	2.8
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	7 (0.3%)
<i>Perceived discrimination, n (%)</i>		
Always	611 (8.7%)	190 (7.1%)
Often	857 (12.3%)	364 (13.7%)
Rarely	2,037 (29.1%)	852 (32.0%)
Never	3,451 (49.4%)	1,251 (47.0%)
(Missing)	35 (0.5%)	4 (0.2%)
<i>Hope</i>		
Mean	9.2	9.0
Standard Deviation	1.4	1.6
Min, Max	0.0, 10.0	0.0, 10.0

Table S17b. Weighted summary statistics for exposure and outcome variables in Indonesia

Outcome	Wave 1 N = 6,992	Wave 2 N = 2,661
(Missing)	16 (0.2%)	4 (0.1%)
<i>Gratitude</i>		
Mean	8.9	8.8
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	43 (0.6%)	7 (0.3%)
<i>Showing love/care</i>		
Mean	8.9	8.7
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.2%)	1 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	3,559 (50.9%)	1,349 (50.7%)
Often	2,344 (33.5%)	884 (33.2%)
Rarely	683 (9.8%)	260 (9.8%)
Never	399 (5.7%)	166 (6.2%)
(Missing)	7 (0.1%)	2 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	5,456 (78.0%)	2,374 (89.2%)
No	1,512 (21.6%)	267 (10.0%)
(Missing)	24 (0.3%)	20 (0.8%)
<i>Helping strangers, n (%)</i>		
Yes	3,476 (49.7%)	1,723 (64.8%)
No	3,483 (49.8%)	920 (34.6%)
(Missing)	32 (0.5%)	18 (0.7%)
<i>Volunteering, n (%)</i>		
Yes	3,233 (46.2%)	1,769 (66.5%)
No	3,742 (53.5%)	871 (32.7%)
(Missing)	17 (0.2%)	22 (0.8%)
<i>Health problems, n (%)</i>		
Yes	1,053 (15.1%)	631 (23.7%)
No	5,875 (84.0%)	2,020 (75.9%)
(Missing)	64 (0.9%)	11 (0.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	707 (10.1%)	232 (8.7%)
Some	1,703 (24.4%)	560 (21.0%)
Not very much	2,866 (41.0%)	1,399 (52.6%)
None at all	1,695 (24.2%)	470 (17.7%)
(Missing)	20 (0.3%)	0 (<0.0%)
<i>Number of drinks per week</i>		
Mean	0.2	0.1
Standard Deviation	1.6	0.9
Min, Max	0.0, 97.0	0.0, 27.0
(Missing)	446 (6.4%)	108 (4.1%)
<i>Days exercise per week</i>		
Mean	3.0	2.9
Standard Deviation	2.8	2.7
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	80 (1.1%)	18 (0.7%)
<i>Educational attainment (16+ years), n (%)</i>		

Table S17b. Weighted summary statistics for exposure and outcome variables in Indonesia

Outcome	Wave 1 N = 6,992	Wave 2 N = 2,661
Up to 8	3,509 (50.2%)	1,120 (42.1%)
9-15	3,146 (45.0%)	1,344 (50.5%)
16+	334 (4.8%)	197 (7.4%)
(Missing)	3 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,308 (18.7%)	372 (14.0%)
Self-employed	2,157 (30.9%)	733 (27.5%)
Retired	67 (1.0%)	27 (1.0%)
Student	318 (4.5%)	55 (2.1%)
Homemaker	2,111 (30.2%)	812 (30.5%)
Unemployed and looking for a job	561 (8.0%)	259 (9.7%)
None of these/Other	450 (6.4%)	369 (13.9%)
(Missing)	20 (0.3%)	34 (1.3%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	2,266 (32.4%)	845 (31.8%)
Getting by on present income	3,194 (45.7%)	1,157 (43.5%)
Finding it difficult on present income	944 (13.5%)	459 (17.2%)
Finding it very difficult on present income	468 (6.7%)	168 (6.3%)
(Missing)	120 (1.7%)	31 (1.2%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	4,269 (61.1%)	1,488 (55.9%)
Someone in this household rents this home	620 (8.9%)	278 (10.5%)
Both	281 (4.0%)	97 (3.6%)
Neither	1,710 (24.5%)	768 (28.9%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	112 (1.6%)	30 (1.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	4,111 (58.8%)	1,507 (56.6%)
Often	1,954 (27.9%)	766 (28.8%)
Rarely	575 (8.2%)	223 (8.4%)
Never	323 (4.6%)	159 (6.0%)
(Missing)	30 (0.4%)	6 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	6,602 (94.4%)	2,522 (94.8%)
No	151 (2.2%)	31 (1.2%)
Unsure	211 (3.0%)	85 (3.2%)
(Missing)	29 (0.4%)	22 (0.8%)
<i>Transformative religious experience, n (%)</i>		
Yes	3,791 (54.2%)	1,526 (57.3%)
No	3,135 (44.8%)	1,119 (42.0%)
(Missing)	66 (0.9%)	17 (0.6%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	2,304 (32.9%)	875 (32.9%)
About once a day	1,804 (25.8%)	665 (25.0%)
Sometimes	2,264 (32.4%)	860 (32.3%)
Never	592 (8.5%)	235 (8.8%)
(Missing)	29 (0.4%)	25 (0.9%)
<i>Prayer or meditation, n (%)</i>		

Table S17b. Weighted summary statistics for exposure and outcome variables in Indonesia

Outcome	Wave 1 N = 6,992	Wave 2 N = 2,661
More than once a day	4,616 (66.0%)	1,800 (67.6%)
About once a day	1,241 (17.7%)	434 (16.3%)
Sometimes	924 (13.2%)	346 (13.0%)
Never	186 (2.7%)	64 (2.4%)
(Missing)	24 (0.3%)	17 (0.7%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	6,611 (94.6%)	2,510 (94.3%)
More than one god	75 (1.1%)	24 (0.9%)
An impersonal spiritual force	70 (1.0%)	43 (1.6%)
None of these	68 (1.0%)	28 (1.1%)
Unsure	145 (2.1%)	48 (1.8%)
(Missing)	24 (0.3%)	8 (0.3%)
<i>Religious centrality, n (%)</i>		
Agree	6,511 (93.1%)	2,499 (93.9%)
Disagree	125 (1.8%)	46 (1.7%)
Not relevant	90 (1.3%)	44 (1.7%)
Unsure	226 (3.2%)	61 (2.3%)
(Missing)	39 (0.6%)	11 (0.4%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	6,691 (95.7%)	2,544 (95.6%)
Disagree	85 (1.2%)	29 (1.1%)
Not relevant	64 (0.9%)	39 (1.5%)
Unsure	132 (1.9%)	41 (1.5%)
(Missing)	20 (0.3%)	8 (0.3%)
<i>Feel loved by God, n (%)</i>		
Agree	6,318 (90.4%)	2,446 (91.9%)
Disagree	205 (2.9%)	57 (2.1%)
Not relevant	166 (2.4%)	70 (2.6%)
Unsure	269 (3.9%)	79 (3.0%)
(Missing)	34 (0.5%)	9 (0.3%)
<i>Feel punished by God, n (%)</i>		
Agree	1,965 (28.1%)	915 (34.4%)
Disagree	3,071 (43.9%)	975 (36.6%)
Not relevant	751 (10.7%)	276 (10.4%)
Unsure	1,161 (16.6%)	480 (18.0%)
(Missing)	44 (0.6%)	14 (0.5%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,282 (18.3%)	539 (20.3%)
Disagree	3,466 (49.6%)	1,192 (44.8%)
Not relevant	1,161 (16.6%)	445 (16.7%)
Unsure	1,050 (15.0%)	468 (17.6%)
(Missing)	33 (0.5%)	17 (0.7%)
<i>Faith-sharing, n (%)</i>		
Agree	3,801 (54.4%)	1,489 (55.9%)
Disagree	1,579 (22.6%)	539 (20.2%)
Not relevant	759 (10.9%)	325 (12.2%)
Unsure	807 (11.5%)	295 (11.1%)
(Missing)	46 (0.7%)	14 (0.5%)

Table S17b. Weighted summary statistics for exposure and outcome variables in Indonesia

	Wave 1	Wave 2
Outcome	N = 6,992	N = 2,661

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S17c. Unweighted summary statistics for demographic and childhood variables in Indonesia by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 4,334	Retained-Observed in Wave 2 N = 2,552
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	12 (0.3%)	7 (0.3%)
1943-1953 (current age: 70-79 years)	53 (1.2%)	31 (1.2%)
1953-1963 (current age: 60-69 years)	352 (8.1%)	158 (6.2%)
1963-1973 (current age: 50-59 years)	787 (18.2%)	363 (14.2%)
1973-1983 (current age: 40-49 years)	925 (21.3%)	523 (20.5%)
1983-1993 (current age: 30-39 years)	910 (21.0%)	596 (23.3%)
1993-1998 (current age: 25-29 years)	466 (10.8%)	319 (12.5%)
1998-2005 (current age: 18-24 years)	830 (19.1%)	555 (21.8%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	39.6	37.7
Standard Deviation	14.3	13.9
Min, Max	18.0, 99.0	18.0, 92.0
<i>Gender, n (%)</i>		
Male	2,103 (48.5%)	1,345 (52.7%)
Female	2,220 (51.2%)	1,200 (47.0%)
Other	5 (0.1%)	2 (0.1%)
(Missing)	6 (0.1%)	4 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	875 (20.2%)	604 (23.7%)
Married	2,969 (68.5%)	1,671 (65.5%)
Separated	54 (1.3%)	27 (1.1%)
Divorced	117 (2.7%)	72 (2.8%)
Widowed	274 (6.3%)	161 (6.3%)
Domestic partner	10 (0.2%)	8 (0.3%)
(Missing)	33 (0.8%)	8 (0.3%)
<i>Education (years), n (%)</i>		
Up to 8	2,309 (53.3%)	1,138 (44.6%)
9-15	1,849 (42.7%)	1,256 (49.2%)
16+	174 (4.0%)	157 (6.2%)
(Missing)	2 (0.0%)	1 (0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	791 (18.2%)	499 (19.6%)
Self-employed	1,317 (30.4%)	809 (31.7%)
Retired	44 (1.0%)	22 (0.9%)
Student	164 (3.8%)	151 (5.9%)
Homemaker	1,383 (31.9%)	691 (27.1%)
Unemployed and looking for a job	326 (7.5%)	228 (8.9%)
None of these/Other	295 (6.8%)	147 (5.8%)
(Missing)	15 (0.3%)	4 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	1,629 (37.6%)	1,003 (39.3%)
Once a week	1,589 (36.7%)	911 (35.7%)
One to three times a month	476 (11.0%)	286 (11.2%)
A few times a year	418 (9.6%)	217 (8.5%)
Never	215 (5.0%)	125 (4.9%)
(Missing)	8 (0.2%)	10 (0.4%)
<i>Immigration status, n (%)</i>		

Table S17c. Unweighted summary statistics for demographic and childhood variables in Indonesia by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 4,334	Retained-Observed in Wave 2 N = 2,552
Born in this country	4,316 (99.6%)	2,536 (99.4%)
Born in another country	18 (0.4%)	15 (0.6%)
(Missing)	0 (0%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	3,438 (79.3%)	1,980 (77.6%)
Parents were divorced	266 (6.1%)	193 (7.6%)
Parents were never married	35 (0.8%)	13 (0.5%)
One or both of them had died	442 (10.2%)	311 (12.2%)
Unsure	74 (1.7%)	33 (1.3%)
(Missing)	80 (1.8%)	22 (0.9%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	3,283 (75.7%)	1,999 (78.4%)
One to three times a month	644 (14.9%)	321 (12.6%)
Less than once a month	206 (4.8%)	109 (4.3%)
Never	170 (3.9%)	103 (4.0%)
(Missing)	32 (0.7%)	19 (0.7%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	3,872 (89.3%)	2,250 (88.2%)
Somewhat good	368 (8.5%)	220 (8.6%)
Somewhat bad	22 (0.5%)	30 (1.2%)
Very bad	18 (0.4%)	9 (0.4%)
(Does not apply)	35 (0.8%)	34 (1.3%)
(Missing)	19 (0.4%)	9 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	3,760 (86.8%)	2,208 (86.5%)
Somewhat good	407 (9.4%)	223 (8.7%)
Somewhat bad	29 (0.7%)	37 (1.5%)
Very bad	34 (0.8%)	17 (0.7%)
(Does not apply)	71 (1.6%)	40 (1.6%)
(Missing)	32 (0.7%)	27 (1.1%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	217 (5.0%)	135 (5.3%)
No	4,109 (94.8%)	2,416 (94.7%)
(Missing)	9 (0.2%)	1 (0.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	311 (7.2%)	186 (7.3%)
No	3,969 (91.6%)	2,346 (92.0%)
(Missing)	55 (1.3%)	19 (0.8%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	803 (18.5%)	450 (17.6%)
Very good	1,218 (28.1%)	709 (27.8%)
Good	1,533 (35.4%)	882 (34.6%)
Fair	743 (17.1%)	491 (19.2%)
Poor	37 (0.9%)	20 (0.8%)
(Missing)	0 (<0.0%)	0 (<0.0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	2,127 (49.1%)	1,192 (46.7%)

Table S17c. Unweighted summary statistics for demographic and childhood variables in Indonesia by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 4,334	Retained-Observed in Wave 2 N = 2,552
Got by	1,786 (41.2%)	1,135 (44.5%)
Found it difficult	288 (6.6%)	159 (6.2%)
Found it very difficult	129 (3.0%)	61 (2.4%)
(Missing)	5 (0.1%)	4 (0.1%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	280 (6.5%)	229 (9.0%)
Taoism	0 (0%)	0 (<0.0%)
Confucianism	1 (0.0%)	0 (0%)
Primal, Animist, or Folk religion	0 (0%)	0 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	3,999 (92.3%)	2,290 (89.7%)
Hinduism	47 (1.1%)	24 (1.0%)
Buddhism	0 (<0.0%)	5 (0.2%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	1 (0.0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	0 (0%)	2 (0.1%)
(Missing)	6 (0.1%)	1 (0.0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S17d. Unweighted summary statistics for Wave 1 outcome variables in Indonesia by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 4,334	Wave 2 N = 2,552
<i>Secure flourishing index</i>		
Mean	8.1	8.1
Standard Deviation	1.3	1.4
Min, Max	1.6, 10.0	0.8, 10.0
(Missing)	87 (2.0%)	75 (2.9%)
<i>Flourishing index</i>		
Mean	8.5	8.5
Standard Deviation	1.3	1.4
Min, Max	0.7, 10.0	0.5, 10.0
(Missing)	82 (1.9%)	65 (2.6%)
<i>Happiness & life satisfaction</i>		
Mean	8.1	8.0
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.4%)	12 (0.5%)
<i>Physical & mental health</i>		
Mean	8.5	8.4
Standard Deviation	1.7	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.4%)	19 (0.7%)
<i>Meaning & purpose</i>		
Mean	8.7	8.7
Standard Deviation	1.5	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.7%)	16 (0.6%)
<i>Character & virtue</i>		
Mean	8.5	8.5
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.7%)	21 (0.8%)
<i>Close social relationships</i>		
Mean	8.7	8.7
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.6%)	18 (0.7%)
<i>Financial & material security</i>		
Mean	6.4	6.0
Standard Deviation	3.0	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.3%)	15 (0.6%)
<i>Life satisfaction</i>		
Mean	8.0	8.0
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.3%)	5 (0.2%)
<i>Happiness</i>		
Mean	8.1	8.0
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0

Table S17d. Unweighted summary statistics for Wave 1 outcome variables in Indonesia by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 4,334	Wave 2 N = 2,552
(Missing)	11 (0.3%)	9 (0.4%)
<i>Self-rated physical health</i>		
Mean	8.3	8.3
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	8 (0.3%)
<i>Self-rated mental health</i>		
Mean	8.6	8.5
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	17 (0.7%)
<i>Understanding purpose</i>		
Mean	8.9	8.9
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.4%)	9 (0.3%)
<i>Meaningful activities</i>		
Mean	8.5	8.5
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.3%)	10 (0.4%)
<i>Orientation to promote good</i>		
Mean	8.6	8.7
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.3%)	16 (0.6%)
<i>Delayed gratification</i>		
Mean	8.4	8.4
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.6%)	13 (0.5%)
<i>Relationship contentment</i>		
Mean	8.8	8.8
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.4%)	10 (0.4%)
<i>Relationship satisfaction</i>		
Mean	8.6	8.6
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.3%)	13 (0.5%)
<i>Financial security</i>		
Mean	6.2	5.8
Standard Deviation	3.4	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.1%)	9 (0.4%)
<i>Material security</i>		
Mean	6.6	6.2
Standard Deviation	3.4	3.6

Table S17d. Unweighted summary statistics for Wave 1 outcome variables in Indonesia by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 4,334	Wave 2 N = 2,552
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	7 (0.3%)
<i>Current life evaluation</i>		
Mean	7.1	6.7
Standard Deviation	2.5	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.4%)	16 (0.6%)
<i>Future life evaluation</i>		
Mean	8.4	8.3
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (1.1%)	35 (1.4%)
<i>Optimism</i>		
Mean	9.1	9.2
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.3%)	9 (0.4%)
<i>Freedom to pursue what's important</i>		
Mean	8.8	8.8
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.3%)	5 (0.2%)
<i>Inner peace, n (%)</i>		
Always	1,628 (37.6%)	814 (31.9%)
Often	1,448 (33.4%)	949 (37.2%)
Rarely	913 (21.1%)	537 (21.0%)
Never	325 (7.5%)	249 (9.8%)
(Missing)	20 (0.5%)	3 (0.1%)
<i>Life balance, n (%)</i>		
Always	1,385 (32.0%)	704 (27.6%)
Often	1,607 (37.1%)	985 (38.6%)
Rarely	1,049 (24.2%)	652 (25.6%)
Never	271 (6.2%)	198 (7.8%)
(Missing)	23 (0.5%)	12 (0.5%)
<i>Sense of mastery, n (%)</i>		
Always	1,641 (37.9%)	867 (34.0%)
Often	1,737 (40.1%)	1,040 (40.7%)
Rarely	810 (18.7%)	498 (19.5%)
Never	129 (3.0%)	131 (5.1%)
(Missing)	16 (0.4%)	15 (0.6%)
<i>Traumatic distress, n (%)</i>		
A lot	272 (6.3%)	150 (5.9%)
Some	712 (16.4%)	413 (16.2%)
Not very much	1,597 (36.9%)	992 (38.9%)
Not at all	1,736 (40.1%)	991 (38.8%)
(Missing)	17 (0.4%)	6 (0.2%)
<i>Depression symptoms composite, n (%)</i>	851 (19.8%)	503 (19.8%)
(Missing)	38 (0.9%)	16 (0.6%)
<i>Depression – feel hopeless, n (%)</i>		

Table S17d. Unweighted summary statistics for Wave 1 outcome variables in Indonesia by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 4,334	Wave 2 N = 2,552
Nearly every day	243 (5.6%)	149 (5.8%)
More than half the days	228 (5.3%)	163 (6.4%)
Several days	1,131 (26.1%)	687 (26.9%)
Not at all	2,715 (62.6%)	1,550 (60.7%)
(Missing)	16 (0.4%)	2 (0.1%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	478 (11.0%)	263 (10.3%)
More than half the days	345 (8.0%)	191 (7.5%)
Several days	1,427 (32.9%)	960 (37.6%)
Not at all	2,056 (47.4%)	1,121 (44.0%)
(Missing)	28 (0.7%)	15 (0.6%)
<i>Anxiety symptoms composite, n (%)</i>	643 (14.9%)	345 (13.6%)
(Missing)	21 (0.5%)	7 (0.3%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	328 (7.6%)	165 (6.5%)
More than half the days	255 (5.9%)	154 (6.0%)
Several days	1,231 (28.4%)	774 (30.3%)
Not at all	2,513 (58.0%)	1,455 (57.0%)
(Missing)	7 (0.2%)	3 (0.1%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	272 (6.3%)	153 (6.0%)
More than half the days	229 (5.3%)	114 (4.5%)
Several days	898 (20.7%)	627 (24.6%)
Not at all	2,920 (67.4%)	1,652 (64.7%)
(Missing)	16 (0.4%)	6 (0.2%)
<i>Suffering, n (%)</i>		
A lot	371 (8.5%)	208 (8.2%)
Some	756 (17.4%)	442 (17.3%)
Not very much	1,632 (37.7%)	1,010 (39.6%)
Not at all	1,547 (35.7%)	874 (34.2%)
(Missing)	28 (0.7%)	17 (0.7%)
<i>Social support</i>		
Mean	7.5	7.5
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	4 (0.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	3,335 (76.9%)	1,963 (76.9%)
No	997 (23.0%)	580 (22.7%)
(Missing)	3 (0.1%)	9 (0.3%)
<i>Government approval, n (%)</i>		
Strongly approve	1,142 (26.3%)	629 (24.7%)
Somewhat approve	696 (16.1%)	403 (15.8%)
Neither approve nor disapprove	2,208 (50.9%)	1,325 (51.9%)
Somewhat disapprove	154 (3.5%)	120 (4.7%)
Strongly disapprove	108 (2.5%)	55 (2.1%)
(Missing)	27 (0.6%)	19 (0.8%)
<i>Say in government, n (%)</i>		
Agree	3,408 (78.6%)	2,050 (80.3%)

Table S17d. Unweighted summary statistics for Wave 1 outcome variables in Indonesia by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 4,334	N = 2,552
Disagree	239 (5.5%)	124 (4.8%)
Unsure	657 (15.2%)	358 (14.0%)
(Missing)	30 (0.7%)	20 (0.8%)
<i>Belonging in country</i>		
Mean	8.8	8.8
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.6%)	14 (0.6%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	3,972 (91.6%)	2,257 (88.4%)
Dissatisfied	160 (3.7%)	128 (5.0%)
Unsure	201 (4.6%)	163 (6.4%)
(Missing)	2 (0.0%)	3 (0.1%)
<i>Trust within country, n (%)</i>		
All people	439 (10.1%)	246 (9.7%)
Most people	1,695 (39.1%)	1,006 (39.4%)
Some people	1,199 (27.7%)	706 (27.7%)
Not very many people	761 (17.6%)	455 (17.8%)
None	187 (4.3%)	101 (4.0%)
(Missing)	53 (1.2%)	38 (1.5%)
<i>Number of children</i>		
Mean	1.3	1.4
Standard Deviation	1.4	1.6
Min, Max	0.0, 96.0	0.0, 97.0
<i>Weekly+ community participation, n (%)</i>		
More than once a week	544 (12.6%)	328 (12.9%)
Once a week	879 (20.3%)	477 (18.7%)
One to three times a month	584 (13.5%)	389 (15.2%)
A few times a year	714 (16.5%)	489 (19.2%)
Never	1,603 (37.0%)	855 (33.5%)
(Missing)	10 (0.2%)	13 (0.5%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	1,629 (37.6%)	1,003 (39.3%)
Once a week	1,589 (36.7%)	911 (35.7%)
One to three times a month	476 (11.0%)	286 (11.2%)
A few times a year	418 (9.6%)	217 (8.5%)
Never	215 (5.0%)	125 (4.9%)
(Missing)	8 (0.2%)	10 (0.4%)
<i>Loneliness</i>		
Mean	2.4	2.6
Standard Deviation	2.9	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	6 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	407 (9.4%)	193 (7.6%)
Often	505 (11.7%)	341 (13.3%)
Rarely	1,242 (28.7%)	765 (30.0%)
Never	2,155 (49.7%)	1,243 (48.7%)
(Missing)	25 (0.6%)	10 (0.4%)

Table S17d. Unweighted summary statistics for Wave 1 outcome variables in Indonesia by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 4,334	Wave 2 N = 2,552
<i>Hope</i>		
Mean	9.1	9.3
Standard Deviation	1.5	1.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	11 (0.4%)
<i>Gratitude</i>		
Mean	8.9	9.0
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.4%)	28 (1.1%)
<i>Showing love/care</i>		
Mean	8.8	8.9
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	2 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	2,244 (51.8%)	1,259 (49.3%)
Often	1,406 (32.4%)	905 (35.5%)
Rarely	431 (10.0%)	241 (9.4%)
Never	248 (5.7%)	145 (5.7%)
(Missing)	5 (0.1%)	2 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	3,348 (77.3%)	2,027 (79.4%)
No	974 (22.5%)	512 (20.1%)
(Missing)	12 (0.3%)	13 (0.5%)
<i>Helping strangers, n (%)</i>		
Yes	2,147 (49.5%)	1,277 (50.0%)
No	2,172 (50.1%)	1,258 (49.3%)
(Missing)	15 (0.3%)	17 (0.7%)
<i>Volunteering, n (%)</i>		
Yes	1,967 (45.4%)	1,219 (47.8%)
No	2,360 (54.5%)	1,322 (51.8%)
(Missing)	7 (0.2%)	10 (0.4%)
<i>Health problems, n (%)</i>		
Yes	636 (14.7%)	402 (15.7%)
No	3,653 (84.3%)	2,132 (83.6%)
(Missing)	45 (1.0%)	18 (0.7%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	452 (10.4%)	243 (9.5%)
Some	1,056 (24.4%)	622 (24.4%)
Not very much	1,742 (40.2%)	1,083 (42.4%)
None at all	1,068 (24.6%)	600 (23.5%)
(Missing)	16 (0.4%)	3 (0.1%)
<i>Number of drinks per week</i>		
Mean	0.2	0.1
Standard Deviation	1.8	1.1
Min, Max	0.0, 97.0	0.0, 35.0
(Missing)	269 (6.2%)	170 (6.7%)
<i>Days exercise per week</i>		

Table S17d. Unweighted summary statistics for Wave 1 outcome variables in Indonesia by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 4,334	Wave 2 N = 2,552
Mean	2.9	3.0
Standard Deviation	2.8	2.8
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	47 (1.1%)	32 (1.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	2,309 (53.3%)	1,138 (44.6%)
9-15	1,849 (42.7%)	1,256 (49.2%)
16+	174 (4.0%)	157 (6.2%)
(Missing)	2 (0.0%)	1 (0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	791 (18.2%)	499 (19.6%)
Self-employed	1,317 (30.4%)	809 (31.7%)
Retired	44 (1.0%)	22 (0.9%)
Student	164 (3.8%)	151 (5.9%)
Homemaker	1,383 (31.9%)	691 (27.1%)
Unemployed and looking for a job	326 (7.5%)	228 (8.9%)
None of these/Other	295 (6.8%)	147 (5.8%)
(Missing)	15 (0.3%)	4 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,467 (33.8%)	761 (29.8%)
Getting by on present income	1,928 (44.5%)	1,220 (47.8%)
Finding it difficult on present income	560 (12.9%)	371 (14.6%)
Finding it very difficult on present income	290 (6.7%)	171 (6.7%)
(Missing)	89 (2.1%)	28 (1.1%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	2,675 (61.7%)	1,527 (59.8%)
Someone in this household rents this home	391 (9.0%)	219 (8.6%)
Both	160 (3.7%)	117 (4.6%)
Neither	1,022 (23.6%)	665 (26.1%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	86 (2.0%)	23 (0.9%)
<i>Religious/spiritual connection, n (%)</i>		
Always	2,553 (58.9%)	1,495 (58.6%)
Often	1,226 (28.3%)	697 (27.3%)
Rarely	342 (7.9%)	225 (8.8%)
Never	192 (4.4%)	127 (5.0%)
(Missing)	22 (0.5%)	8 (0.3%)
<i>Belief in life after death, n (%)</i>		
Yes	4,091 (94.4%)	2,410 (94.5%)
No	97 (2.2%)	51 (2.0%)
Unsure	129 (3.0%)	78 (3.1%)
(Missing)	17 (0.4%)	11 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	2,325 (53.6%)	1,409 (55.2%)
No	1,966 (45.4%)	1,120 (43.9%)
(Missing)	43 (1.0%)	22 (0.9%)
<i>Religious reading or listening, n (%)</i>		

Table S17d. Unweighted summary statistics for Wave 1 outcome variables in Indonesia by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 4,334	Wave 2 N = 2,552
More than once a day	1,369 (31.6%)	904 (35.4%)
About once a day	1,154 (26.6%)	620 (24.3%)
Sometimes	1,443 (33.3%)	784 (30.7%)
Never	355 (8.2%)	229 (9.0%)
(Missing)	13 (0.3%)	15 (0.6%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	2,840 (65.5%)	1,708 (66.9%)
About once a day	769 (17.8%)	453 (17.7%)
Sometimes	582 (13.4%)	328 (12.9%)
Never	126 (2.9%)	57 (2.2%)
(Missing)	17 (0.4%)	6 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	4,089 (94.3%)	2,422 (94.9%)
More than one god	55 (1.3%)	18 (0.7%)
An impersonal spiritual force	52 (1.2%)	16 (0.6%)
None of these	37 (0.9%)	30 (1.2%)
Unsure	86 (2.0%)	57 (2.2%)
(Missing)	15 (0.3%)	9 (0.3%)
<i>Religious centrality, n (%)</i>		
Agree	4,017 (92.7%)	2,397 (93.9%)
Disagree	77 (1.8%)	46 (1.8%)
Not relevant	62 (1.4%)	27 (1.1%)
Unsure	148 (3.4%)	74 (2.9%)
(Missing)	31 (0.7%)	7 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	4,136 (95.4%)	2,454 (96.2%)
Disagree	46 (1.1%)	38 (1.5%)
Not relevant	46 (1.1%)	16 (0.6%)
Unsure	87 (2.0%)	43 (1.7%)
(Missing)	18 (0.4%)	1 (0.0%)
<i>Feel loved by God, n (%)</i>		
Agree	3,924 (90.5%)	2,297 (90.0%)
Disagree	131 (3.0%)	71 (2.8%)
Not relevant	107 (2.5%)	56 (2.2%)
Unsure	153 (3.5%)	113 (4.4%)
(Missing)	19 (0.4%)	14 (0.5%)
<i>Feel punished by God, n (%)</i>		
Agree	1,220 (28.2%)	715 (28.0%)
Disagree	1,886 (43.5%)	1,140 (44.7%)
Not relevant	496 (11.4%)	242 (9.5%)
Unsure	706 (16.3%)	437 (17.1%)
(Missing)	26 (0.6%)	18 (0.7%)
<i>Experienced religious criticism, n (%)</i>		
Agree	806 (18.6%)	456 (17.9%)
Disagree	2,136 (49.3%)	1,278 (50.1%)
Not relevant	710 (16.4%)	434 (17.0%)
Unsure	658 (15.2%)	376 (14.7%)
(Missing)	24 (0.6%)	8 (0.3%)
<i>Faith-sharing, n (%)</i>		

Table S17d. Unweighted summary statistics for Wave 1 outcome variables in Indonesia by retention status.

Outcome	Attriters-NotRetained-Observed in	Wave 2
	Observed in Wave 2	Wave 2
	N = 4,334	N = 2,552
Agree	2,369 (54.7%)	1,373 (53.8%)
Disagree	942 (21.7%)	616 (24.1%)
Not relevant	477 (11.0%)	271 (10.6%)
Unsure	510 (11.8%)	283 (11.1%)
(Missing)	36 (0.8%)	9 (0.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S17e. Summary of fitted attrition model in Indonesia

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.84	0.74, 0.95	0.005
Recruitment Survey Mode			
<i>CAPI</i>	—	—	
<i>CATI</i>	1.13	0.90, 1.42	0.303
Happiness & life satisfaction	0.96	0.87, 1.06	0.438
Physical & mental health	0.95	0.87, 1.04	0.272
Meaning & purpose	1.05	0.94, 1.18	0.347
Character & virtue	1.03	0.95, 1.12	0.465
Close social relationships	1.02	0.93, 1.12	0.653
Financial & material security	0.90	0.84, 0.97	0.006
Extraversion	1.06	0.99, 1.14	0.113
Openness to experience	1.09	1.01, 1.17	0.019
Agreeableness	1.01	0.93, 1.09	0.824
Conscientiousness	0.98	0.90, 1.07	0.709
Neuroticism	1.02	0.95, 1.10	0.518
Depression symptoms composite	0.99	0.92, 1.06	0.726
Anxiety symptoms composite	0.92	0.85, 0.99	0.028
Loneliness	1.03	0.95, 1.12	0.429
Days exercise per week	1.04	0.96, 1.12	0.366
Year of birth (age group)			
<i>1983-1993 (current age: 30-39 years)</i>	—	—	
<i>1973-1983 (current age: 40-49 years)</i>	0.88	0.72, 1.07	0.190
<i>1998-2005 (current age: 18-24 years)</i>	0.98	0.74, 1.29	0.889
<i>1993-1998 (current age: 25-29 years)</i>	1.00	0.80, 1.26	0.976
<i>1963-1973 (current age: 50-59 years)</i>	0.78	0.60, 1.01	0.055
<i>1953-1963 (current age: 60-69 years)</i>	0.80	0.54, 1.17	0.251
<i>1943-1953 (current age: 70-79 years)</i>	1.03	0.49, 2.16	0.947
<i>1943 or earlier (current age: 80+ years)</i>	1.04	0.14, 7.64	0.970
Gender of respondent			
<i>Female</i>	—	—	
<i>Male</i>	1.20	0.99, 1.46	0.061
<i>Other</i>	1.03	0.16, 6.74	0.979
Marital status			
<i>Married</i>	—	—	
<i>Single/Never been married</i>	0.91	0.73, 1.14	0.411
<i>Widowed</i>	1.21	0.87, 1.68	0.265
<i>Divorced</i>	1.00	0.66, 1.52	0.987
<i>Separated</i>	0.87	0.43, 1.74	0.695
<i>Domestic partner</i>	1.23	0.27, 5.63	0.789
Employment status			
<i>Homemaker</i>	—	—	
<i>Self-employed</i>	1.16	0.93, 1.44	0.199
<i>Employed for an employer</i>	1.15	0.90, 1.47	0.273
<i>Unemployed and looking for a job</i>	1.21	0.88, 1.66	0.251
<i>None of these/Other</i>	0.94	0.64, 1.37	0.730
<i>Student</i>	1.62	1.07, 2.44	0.023
<i>Retired</i>	0.97	0.47, 1.98	0.923
Religious attendance			
<i>More than once a week</i>	—	—	
<i>Once a week</i>	0.94	0.80, 1.10	0.451
<i>One to three times a month</i>	0.99	0.79, 1.22	0.892
<i>A few times a year</i>	0.86	0.67, 1.10	0.226

Table S17e. Summary of fitted attrition model in Indonesia

Characteristic	Odds Ratio	95% CI	p-value
<i>Never</i>	0.97	0.69, 1.38	0.886
Educational attainment (16+ years)			
<i>9-15</i>	—	—	
<i>Up to 8</i>	1.01	0.77, 1.33	0.935
<i>16+</i>	1.31	1.06, 1.63	0.012
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	1.34	0.58, 3.11	0.491
Race plurality (prominent race/ethnic group [0] or not [1])	1.02	0.95, 1.10	0.586
Urbanicity			
<i>A rural area or on a farm</i>	—	—	
<i>A small town or village</i>	1.04	0.87, 1.24	0.694
<i>A large city</i>	0.95	0.77, 1.17	0.636
<i>A suburb of a large city</i>	1.02	0.80, 1.29	0.881
Monthly household income			
<i>Indonesia: 2,500,001 – 4,000,000 rupiah</i>	—	—	
<i>Indonesia: 1,000,001 – 1,500,000 rupiah</i>	1.58	1.20, 2.06	9.34e-04
<i>Indonesia: 1,500,001 – 2,000,000 rupiah</i>	1.13	0.87, 1.47	0.354
<i>Indonesia: 2,000,001 – 2,500,000 rupiah</i>	1.38	1.04, 1.83	0.026
<i>Indonesia: 600,001 – 1,000,000 rupiah</i>	1.58	1.22, 2.04	4.81e-04
<i>Indonesia: 300,001 – 600,000 rupiah</i>	1.77	1.32, 2.36	1.36e-04
<i>Indonesia: 4,000,001 - 8,000,000 rupiah</i>	0.99	0.73, 1.34	0.942
<i>(None/No household income)</i>	1.37	1.00, 1.87	0.050
<i>Indonesia: 150,000 rupiah or less</i>	1.64	1.18, 2.30	0.004
<i>Indonesia: 150,001 – 300,000 rupiah</i>	2.27	1.57, 3.27	1.27e-05
<i>Indonesia: 8,000,001 - 14,000,000 rupiah</i>	1.57	0.64, 3.83	0.325
<i>Indonesia: More than 14,000,000 rupiah</i>	0.51	0.28, 0.93	0.029

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=6992; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S17f. Summary of principal components in Indonesia

PC	Percent Explained by each PC	Cumulative Percent Explained
1	43.13	43.13
2	3.91	47.04
3	2.54	49.58
4	1.72	51.30
5	1.58	52.88
6	1.57	54.45
7	1.46	55.91
8	1.41	57.32
9	1.36	58.68
10	1.27	59.95
11	1.22	61.17
12	1.20	62.37
13	1.18	63.55
14	1.15	64.71
15	1.12	65.83
16	1.10	66.93
17	1.03	67.96
18	1.02	68.98
19	1.00	69.98
20	0.95	70.92

Notes. N=6992; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S17g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Indonesia

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.54	(0.50,0.58)	0.02	2.22e-16***	0.47	(0.43,0.51)	0.02	2.22e-16***
Flourishing index	0.50	(0.46,0.54)	0.02	2.22e-16***	0.38	(0.34,0.42)	0.02	2.22e-16***
Happiness & life satisfaction	0.40	(0.36,0.44)	0.02	2.22e-16***	0.20	(0.16,0.24)	0.02	2.22e-16***
Physical & mental health	0.42	(0.39,0.46)	0.02	2.22e-16***	0.23	(0.19,0.27)	0.02	2.22e-16***
Meaning & purpose	0.38	(0.34,0.42)	0.02	2.22e-16***	0.19	(0.16,0.23)	0.02	2.22e-16***
Character & virtue	0.33	(0.29,0.37)	0.02	2.22e-16***	0.17	(0.14,0.21)	0.02	2.22e-16***
Close social relationships	0.38	(0.34,0.42)	0.02	2.22e-16***	0.20	(0.16,0.24)	0.02	2.22e-16***
Financial & material security	0.32	(0.28,0.37)	0.02	2.22e-16***	0.18	(0.15,0.22)	0.02	1.78e-15***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.36	(0.32,0.40)	0.02	2.22e-16***	0.15	(0.11,0.19)	0.02	1.89e-12***
Happiness (a)	0.34	(0.30,0.38)	0.02	2.22e-16***	0.13	(0.09,0.18)	0.02	2.39e-09***
Self-rated physical health (b)	0.34	(0.30,0.38)	0.02	2.22e-16***	0.13	(0.09,0.17)	0.02	2.58e-10***
Self-rated mental health (b)	0.41	(0.37,0.44)	0.02	2.22e-16***	0.21	(0.17,0.26)	0.02	2.22e-16***
Understanding purpose (c)	0.32	(0.28,0.36)	0.02	2.22e-16***	0.15	(0.12,0.19)	0.02	1.81e-13***
Meaningful activities (c)	0.32	(0.28,0.36)	0.02	2.22e-16***	0.13	(0.09,0.17)	0.02	9.06e-11***
Orientation to promote good (d)	0.28	(0.24,0.32)	0.02	2.22e-16***	0.12	(0.08,0.16)	0.02	8.56e-09***
Delayed gratification (d)	0.30	(0.26,0.34)	0.02	2.22e-16***	0.15	(0.12,0.19)	0.02	4.85e-14***
Relationship contentment (e)	0.31	(0.27,0.35)	0.02	2.22e-16***	0.14	(0.10,0.18)	0.02	1.12e-11***
Relationship satisfaction (e)	0.35	(0.31,0.39)	0.02	2.22e-16***	0.17	(0.13,0.21)	0.02	6.49e-14***
Financial security (f)	0.31	(0.27,0.35)	0.02	2.22e-16***	0.15	(0.12,0.19)	0.02	1.13e-12***
Material security (f)	0.27	(0.23,0.31)	0.02	2.22e-16***	0.11	(0.07,0.14)	0.02	5.57e-07***
<i>Psychological Well-Being</i>								
Current life evaluation	0.22	(0.18,0.27)	0.02	2.22e-16***	0.07	(0.04,0.11)	0.02	2.16e-04***
Future life evaluation	0.19	(0.15,0.24)	0.02	2.22e-16***	0.07	(0.03,0.11)	0.02	1.12e-03**
Optimism	0.21	(0.17,0.26)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	4.74e-05***
Freedom to pursue what's important	0.31	(0.27,0.35)	0.02	2.22e-16***	0.14	(0.10,0.18)	0.02	1.7e-10***
Inner peace	0.08	(0.04,0.12)	0.02	1.17e-04***	-0.01	(-0.04,0.03)	0.02	0.749
Life balance	0.14	(0.10,0.18)	0.02	1.76e-11***	0.05	(0.01,0.09)	0.02	0.011*
Sense of mastery	0.13	(0.09,0.17)	0.02	4.79e-11***	0.05	(0.02,0.09)	0.02	0.005*
<i>Psychological Distress</i>								
Traumatic distress	-0.12	(-0.15,-0.08)	0.02	1.82e-09***	-0.02	(-0.05,0.02)	0.02	0.345
Depression symptoms composite	-0.09	(-0.13,-0.06)	0.02	1.96e-06***	0.01	(-0.03,0.05)	0.02	0.579
Depression – feel hopeless	-0.14	(-0.17,-0.10)	0.02	2.78e-12***	-0.03	(-0.07,0.00)	0.02	0.083
Depression – loss of interest	-0.04	(-0.08,-0.00)	0.02	0.050*	0.03	(-0.01,0.06)	0.02	0.133
Anxiety symptoms composite	-0.15	(-0.19,-0.12)	0.02	2.33e-14***	-0.02	(-0.06,0.02)	0.02	0.264
Anxiety – feel on edge	-0.12	(-0.16,-0.08)	0.02	1.47e-10***	0.00	(-0.04,0.04)	0.02	0.872
Anxiety – cannot stop worrying	-0.13	(-0.17,-0.09)	0.02	6.58e-11***	-0.02	(-0.06,0.03)	0.02	0.454
Suffering	-0.12	(-0.16,-0.09)	0.02	1.22e-10***	-0.01	(-0.05,0.02)	0.02	0.475
<i>Social Well-Being</i>								
Social support	0.13	(0.09,0.17)	0.02	6.62e-09***	0.01	(-0.02,0.05)	0.02	0.449
Intimate/close friend	0.03	(-0.01,0.07)	0.02	0.117	0.03	(-0.00,0.06)	0.02	0.085
Government approval	0.09	(0.06,0.12)	0.02	2.69e-07***	0.02	(-0.01,0.06)	0.02	0.143
Say in government	0.06	(0.03,0.10)	0.02	1.06e-03**	0.02	(-0.01,0.06)	0.02	0.230
Belonging in country	0.26	(0.22,0.30)	0.02	2.22e-16***	0.12	(0.08,0.16)	0.02	6.53e-08***
City/place satisfaction	0.06	(0.02,0.10)	0.02	2.99e-03**	0.01	(-0.02,0.04)	0.02	0.645
Trust within country	0.08	(0.04,0.12)	0.02	2.59e-04***	0.04	(0.00,0.08)	0.02	0.032*
<i>Social Participation</i>								
Ever been married	-0.03	(-0.11,0.06)	0.04	0.531	-0.02	(-0.10,0.06)	0.04	0.691
Currently divorced	-0.04	(-0.08,-0.01)	0.02	0.026*	-0.03	(-0.06,0.01)	0.02	0.148
Number of children	-0.03	(-0.07,0.01)	0.02	0.110	-0.02	(-0.05,0.01)	0.02	0.158
Weekly+ community participation	0.03	(-0.00,0.07)	0.02	0.074	0.00	(-0.03,0.03)	0.02	0.986
Weekly+ religious attendance	0.04	(0.00,0.08)	0.02	0.032*	0.00	(-0.03,0.04)	0.02	0.853
<i>Social Distress</i>								
Loneliness	-0.34	(-0.38,-0.29)	0.02	2.22e-16***	-0.19	(-0.23,-0.15)	0.02	2.22e-16***
Perceived discrimination	-0.01	(-0.05,0.02)	0.02	0.438	0.01	(-0.02,0.05)	0.02	0.465
<i>Character & Prosocial Behavior</i>								
Hope	0.27	(0.23,0.31)	0.02	2.22e-16***	0.12	(0.08,0.15)	0.02	2.51e-09***
Gratitude	0.25	(0.20,0.29)	0.02	2.22e-16***	0.12	(0.08,0.16)	0.02	5.36e-09***
Showing love/care	0.20	(0.16,0.25)	0.02	2.22e-16***	0.06	(0.02,0.09)	0.02	2.16e-03**
Forgivingness	0.04	(-0.00,0.07)	0.02	0.057	0.00	(-0.03,0.04)	0.02	0.865
Charitable giving	0.04	(0.00,0.08)	0.02	0.050	0.03	(-0.01,0.07)	0.02	0.120
Helping strangers	0.03	(-0.01,0.07)	0.02	0.093	0.03	(-0.01,0.06)	0.02	0.162
Volunteering	0.05	(0.01,0.08)	0.02	0.022*	0.02	(-0.01,0.06)	0.02	0.190
<i>Physical Health & Health Behavior</i>								
Health problems	-0.09	(-0.12,-0.05)	0.02	5.79e-06***	-0.03	(-0.06,0.00)	0.02	0.076
Pain in past 4 weeks	-0.13	(-0.16,-0.09)	0.02	2.62e-10***	-0.03	(-0.07,0.00)	0.02	0.078
Daily smoker	-0.01	(-0.06,0.04)	0.02	0.688	-0.02	(-0.07,0.02)	0.02	0.269
Number of drinks per week	-0.01	(-0.04,0.02)	0.01	0.621	-0.01	(-0.03,0.02)	0.01	0.477
Days exercise per week	0.07	(0.04,0.11)	0.02	1.84e-04***	0.05	(0.01,0.08)	0.02	0.009*
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.01	(-0.03,0.02)	0.01	0.526	-0.00	(-0.03,0.02)	0.01	0.691
Currently employed	0.06	(0.02,0.09)	0.02	0.006*	0.02	(-0.01,0.06)	0.02	0.244
Financially comfortable/getting by	0.18	(0.13,0.22)	0.02	3.31e-14***	0.06	(0.02,0.10)	0.02	2.96e-03**
Own home	0.03	(-0.01,0.06)	0.02	0.130	0.00	(-0.02,0.03)	0.01	0.772
Income – top quintile	0.02	(-0.01,0.06)	0.02	0.172	0.02	(-0.01,0.05)	0.02	0.251
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.00	(-0.03,0.04)	0.02	0.821	-0.02	(-0.06,0.01)	0.02	0.154
Belief in life after death	0.01	(-0.03,0.05)	0.02	0.653	0.01	(-0.03,0.05)	0.02	0.588
Transformative religious experience	0.04	(0.00,0.07)	0.02	0.047*	0.04	(0.01,0.08)	0.02	0.010*
Religious reading or listening	0.05	(0.02,0.08)	0.02	3.49e-03**	0.03	(0.00,0.06)	0.02	0.045*
Prayer or meditation	0.02	(-0.02,0.06)	0.02	0.262	0.01	(-0.02,0.05)	0.02	0.404
Belief in God/gods/spiritual forces	-0.04	(-0.07,-0.01)	0.02	0.017*	-0.04	(-0.07,-0.01)	0.02	0.007*
Religious centrality	0.05	(0.01,0.08)	0.02	0.009*	0.04	(0.01,0.07)	0.02	0.019*
Religious/spiritual comfort	0.08	(0.03,0.12)	0.02	6.18e-04***	0.07	(0.03,0.11)	0.02	6.1e-04***
Feel loved by God	0.06	(0.02,0.09)	0.02	2.67e-03**	0.05	(0.01,0.08)	0.02	0.013*
Feel punished by God	-0.03	(-0.07,0.01)	0.02	0.166	-0.01	(-0.04,0.03)	0.02	0.744
Experienced religious criticism	0.01	(-0.03,0.04)	0.02	0.727	0.02	(-0.02,0.05)	0.02	0.314
Faith-sharing	0.04	(-0.00,0.08)	0.02	0.054	0.02	(-0.01,0.06)	0.02	0.189

Notes. N=6992; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S17h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Indonesia using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.44	(0.38,0.51)	0.03	2.22e-16***	0.38	(0.31,0.46)	0.04	2.22e-16***
Flourishing index	0.42	(0.35,0.49)	0.04	2.22e-16***	0.31	(0.23,0.39)	0.04	4.11e-15***
Happiness & life satisfaction	0.31	(0.24,0.38)	0.04	2.22e-16***	0.14	(0.07,0.21)	0.04	2.19e-04***
Physical & mental health	0.36	(0.30,0.42)	0.03	2.22e-16***	0.19	(0.13,0.26)	0.03	1.63e-08***
Meaning & purpose	0.32	(0.25,0.38)	0.03	2.22e-16***	0.15	(0.08,0.22)	0.04	3e-05***
Character & virtue	0.29	(0.23,0.36)	0.03	2.22e-16***	0.16	(0.10,0.22)	0.03	1.06e-06***
Close social relationships	0.32	(0.26,0.38)	0.03	2.22e-16***	0.17	(0.11,0.24)	0.03	6.5e-08***
Financial & material security	0.26	(0.20,0.31)	0.03	2.22e-16***	0.13	(0.08,0.19)	0.03	2.74e-06***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.27	(0.21,0.34)	0.03	2.22e-16***	0.11	(0.04,0.17)	0.03	1.18e-03**
Happiness (a)	0.27	(0.19,0.34)	0.04	2.01e-13***	0.09	(0.02,0.16)	0.04	0.012*
Self-rated physical health (b)	0.28	(0.22,0.35)	0.03	2.22e-16***	0.10	(0.04,0.17)	0.03	1.73e-03**
Self-rated mental health (b)	0.34	(0.28,0.40)	0.03	2.22e-16***	0.18	(0.12,0.25)	0.03	2.59e-08***
Understanding purpose (c)	0.28	(0.21,0.35)	0.04	1.64e-14***	0.13	(0.06,0.21)	0.04	2.7e-04***
Meaningful activities (c)	0.26	(0.19,0.32)	0.03	3.11e-15***	0.10	(0.03,0.16)	0.03	2.55e-03**
Orientation to promote good (d)	0.24	(0.17,0.31)	0.04	6.48e-11***	0.10	(0.03,0.16)	0.03	4.72e-03**
Delayed gratification (d)	0.26	(0.20,0.32)	0.03	2.22e-16***	0.15	(0.09,0.20)	0.03	7.13e-07***
Relationship contentment (e)	0.26	(0.20,0.32)	0.03	2.22e-16***	0.12	(0.06,0.18)	0.03	4.05e-05***
Relationship satisfaction (e)	0.31	(0.25,0.37)	0.03	2.22e-16***	0.16	(0.09,0.23)	0.03	2.19e-06***
Financial security (f)	0.25	(0.19,0.31)	0.03	2.22e-16***	0.11	(0.05,0.17)	0.03	2.57e-04***
Material security (f)	0.21	(0.15,0.27)	0.03	4.83e-13***	0.07	(0.02,0.13)	0.03	0.007*
<i>Psychological Well-Being</i>								
Current life evaluation	0.17	(0.11,0.24)	0.03	1.09e-07***	0.02	(-0.04,0.09)	0.03	0.484
Future life evaluation	0.15	(0.07,0.22)	0.04	9.26e-05***	0.02	(-0.05,0.10)	0.04	0.532
Optimism	0.18	(0.12,0.23)	0.03	2.56e-10***	0.08	(0.03,0.13)	0.03	2.71e-03**
Freedom to pursue what's important	0.29	(0.23,0.34)	0.03	2.22e-16***	0.14	(0.08,0.21)	0.03	1.8e-05***
Inner peace	0.08	(0.02,0.14)	0.03	0.011*	0.01	(-0.04,0.07)	0.03	0.636
Life balance	0.14	(0.08,0.20)	0.03	4.99e-06***	0.07	(0.01,0.12)	0.03	0.016*
Sense of mastery	0.13	(0.08,0.19)	0.03	7.43e-06***	0.08	(0.02,0.14)	0.03	0.007*
<i>Psychological Distress</i>								
Traumatic distress	-0.10	(-0.15,-0.05)	0.03	1.53e-04***	-0.03	(-0.09,0.02)	0.03	0.249
Depression symptoms composite	-0.08	(-0.14,-0.02)	0.03	0.008*	0.03	(-0.03,0.09)	0.03	0.346
Depression – feel hopeless	-0.10	(-0.16,-0.04)	0.03	7.53e-04**	-0.00	(-0.06,0.06)	0.03	0.952
Depression – loss of interest	-0.04	(-0.10,0.01)	0.03	0.146	0.03	(-0.03,0.08)	0.03	0.298
Anxiety symptoms composite	-0.13	(-0.18,-0.08)	0.02	9.17e-08***	-0.00	(-0.06,0.06)	0.03	0.920
Anxiety – feel on edge	-0.11	(-0.15,-0.06)	0.02	5.62e-06***	0.01	(-0.04,0.07)	0.03	0.628
Anxiety – cannot stop worrying	-0.11	(-0.16,-0.06)	0.02	9.33e-06***	0.02	(-0.04,0.08)	0.03	0.595
Suffering	-0.10	(-0.15,-0.05)	0.03	1.81e-04***	-0.02	(-0.07,0.03)	0.03	0.458
<i>Social Well-Being</i>								
Social support	0.13	(0.07,0.18)	0.03	1.29e-05***	0.02	(-0.03,0.07)	0.03	0.378
Intimate/close friend	0.02	(-0.04,0.08)	0.03	0.445	0.02	(-0.03,0.08)	0.03	0.461
Government approval	0.05	(0.00,0.11)	0.03	0.046*	0.00	(-0.05,0.06)	0.03	0.888
Say in government	0.02	(-0.04,0.08)	0.03	0.464	-0.01	(-0.07,0.05)	0.03	0.790
Belonging in country	0.22	(0.15,0.29)	0.04	4.12e-10***	0.11	(0.04,0.17)	0.03	1.36e-03**
City/place satisfaction	0.05	(-0.00,0.11)	0.03	0.070	0.01	(-0.03,0.06)	0.02	0.550
Trust within country	0.09	(0.04,0.15)	0.03	1.64e-03**	0.07	(0.01,0.13)	0.03	0.014*
<i>Social Participation</i>								
Ever been married	-0.02	(-0.14,0.09)	0.06	0.705	-0.01	(-0.13,0.10)	0.06	0.813
Currently divorced	-0.08	(-0.12,-0.04)	0.02	2.82e-04***	-0.06	(-0.11,-0.01)	0.03	0.020*
Number of children	-0.03	(-0.08,0.03)	0.03	0.328	-0.02	(-0.07,0.02)	0.02	0.298
Weekly+ community participation	0.01	(-0.05,0.07)	0.03	0.653	-0.01	(-0.06,0.05)	0.03	0.856
Weekly+ religious attendance	0.05	(-0.01,0.10)	0.03	0.108	0.02	(-0.03,0.07)	0.02	0.494
<i>Social Distress</i>								
Loneliness	-0.29	(-0.36,-0.22)	0.03	2.22e-16***	-0.15	(-0.22,-0.08)	0.04	3.07e-05***
Perceived discrimination	0.01	(-0.05,0.06)	0.03	0.851	0.02	(-0.03,0.07)	0.03	0.490
<i>Character & Prosocial Behavior</i>								
Hope	0.24	(0.17,0.30)	0.03	3.54e-12***	0.09	(0.02,0.16)	0.03	0.008*
Gratitude	0.19	(0.13,0.26)	0.03	1.22e-08***	0.09	(0.03,0.15)	0.03	3.96e-03**
Showing love/care	0.17	(0.11,0.23)	0.03	2.82e-08***	0.05	(-0.00,0.11)	0.03	0.065
Forgivingness	0.02	(-0.04,0.08)	0.03	0.501	-0.01	(-0.07,0.04)	0.03	0.570
Charitable giving	0.03	(-0.02,0.09)	0.03	0.259	0.00	(-0.05,0.05)	0.03	0.996
Helping strangers	0.01	(-0.05,0.07)	0.03	0.798	-0.00	(-0.07,0.06)	0.03	0.905
Volunteering	0.03	(-0.03,0.08)	0.03	0.337	0.01	(-0.04,0.06)	0.03	0.811
<i>Physical Health & Health Behavior</i>								
Health problems	-0.08	(-0.13,-0.02)	0.03	4.53e-03**	-0.01	(-0.07,0.04)	0.03	0.576
Pain in past 4 weeks	-0.12	(-0.17,-0.06)	0.03	2.5e-05***	-0.06	(-0.11,-0.00)	0.03	0.034*
Daily smoker	-0.02	(-0.09,0.05)	0.04	0.628	-0.01	(-0.08,0.05)	0.03	0.688
Number of drinks per week	0.02	(-0.01,0.05)	0.02	0.207	0.02	(-0.01,0.04)	0.01	0.160
Days exercise per week	0.06	(0.01,0.12)	0.03	0.030*	0.03	(-0.02,0.09)	0.03	0.198
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.02	(-0.05,0.01)	0.02	0.260	-0.01	(-0.04,0.01)	0.01	0.280
Currently employed	0.04	(-0.01,0.10)	0.03	0.150	0.03	(-0.02,0.08)	0.03	0.298
Financially comfortable/getting by	0.13	(0.07,0.19)	0.03	5.09e-05***	0.04	(-0.02,0.10)	0.03	0.160
Own home	0.03	(-0.03,0.09)	0.03	0.300	0.01	(-0.04,0.06)	0.03	0.713
Income – top quintile	0.02	(-0.05,0.08)	0.03	0.642	0.01	(-0.05,0.06)	0.03	0.824
<i>Religion & Spirituality</i>								
Religious/spiritual connection	-0.02	(-0.07,0.04)	0.03	0.537	-0.03	(-0.08,0.03)	0.03	0.329
Belief in life after death	-0.00	(-0.05,0.05)	0.03	0.977	-0.01	(-0.05,0.04)	0.02	0.793
Transformative religious experience	0.06	(0.00,0.11)	0.03	0.036*	0.05	(0.00,0.09)	0.02	0.047*
Religious reading or listening	0.04	(-0.02,0.09)	0.03	0.188	0.01	(-0.05,0.06)	0.03	0.772
Prayer or meditation	0.01	(-0.05,0.07)	0.03	0.649	0.01	(-0.05,0.06)	0.03	0.755
Belief in God/gods/spiritual forces	-0.05	(-0.11,0.02)	0.03	0.156	-0.04	(-0.10,0.03)	0.03	0.255
Religious centrality	0.01	(-0.04,0.06)	0.03	0.765	0.01	(-0.04,0.06)	0.03	0.712
Religious/spiritual comfort	0.06	(-0.02,0.13)	0.04	0.122	0.05	(-0.01,0.12)	0.03	0.100
Feel loved by God	0.02	(-0.03,0.07)	0.03	0.462	0.02	(-0.03,0.07)	0.03	0.401
Feel punished by God	-0.03	(-0.09,0.03)	0.03	0.316	-0.01	(-0.06,0.05)	0.03	0.761
Experienced religious criticism	-0.01	(-0.07,0.04)	0.03	0.635	0.00	(-0.06,0.06)	0.03	0.980
Faith-sharing	0.02	(-0.03,0.08)	0.03	0.403	0.01	(-0.04,0.07)	0.03	0.658

Notes. N=2684; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S17i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Indonesia

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.23	2.15	2.08	2.00	2.02	1.89	1.90	1.76
Flourishing index	2.14	2.06	1.91	1.83	1.97	1.83	1.76	1.61
Happiness & life satisfaction	1.68	1.63	1.42	1.36	1.57	1.47	1.33	1.21
Physical & mental health	1.81	1.75	1.51	1.44	1.71	1.62	1.45	1.34
Meaning & purpose	1.82	1.76	1.50	1.43	1.70	1.59	1.41	1.28
Character & virtue	1.68	1.62	1.43	1.36	1.62	1.51	1.40	1.29
Close social relationships	1.75	1.69	1.47	1.40	1.66	1.56	1.43	1.32
Financial & material security	1.43	1.39	1.30	1.26	1.36	1.31	1.24	1.17
Individual Flourishing Index Items								
Life satisfaction	1.57	1.52	1.32	1.26	1.47	1.40	1.26	1.15
Happiness	1.57	1.51	1.30	1.24	1.47	1.38	1.24	1.10
Self-rated physical health	1.61	1.56	1.32	1.26	1.54	1.46	1.28	1.15
Self-rated mental health	1.72	1.67	1.45	1.39	1.62	1.54	1.40	1.30
Understanding purpose	1.66	1.60	1.39	1.33	1.59	1.48	1.36	1.22
Meaningful activities	1.60	1.55	1.33	1.27	1.51	1.42	1.27	1.14
Orientation to promote good	1.57	1.50	1.31	1.24	1.50	1.39	1.28	1.14
Delayed gratification	1.55	1.50	1.35	1.29	1.49	1.41	1.33	1.24
Relationship contentment	1.61	1.55	1.36	1.29	1.54	1.45	1.32	1.22
Relationship satisfaction	1.65	1.59	1.38	1.32	1.58	1.49	1.36	1.26
Financial security	1.39	1.36	1.25	1.21	1.34	1.29	1.20	1.13
Material security	1.35	1.32	1.20	1.15	1.30	1.25	1.16	1.08
Psychological Well-Being								
Current life evaluation	1.38	1.33	1.19	1.13	1.32	1.24	1.10	1.00
Future life evaluation	1.40	1.33	1.21	1.12	1.33	1.21	1.11	1.00
Optimism	1.49	1.41	1.27	1.19	1.43	1.33	1.25	1.14
Freedom to pursue what's important	1.61	1.55	1.35	1.28	1.56	1.48	1.35	1.24
Inner peace	1.62	1.38	1.12	1.00	1.60	1.23	1.20	1.00
Life balance	1.98	1.75	1.45	1.19	1.94	1.60	1.54	1.19
Sense of mastery	1.99	1.75	1.49	1.22	1.98	1.62	1.65	1.28
Psychological Distress								
Traumatic distress	1.90	1.66	1.23	1.00	1.80	1.47	1.35	1.00
Depression symptoms composite	1.78	1.53	1.18	1.00	1.71	1.28	1.34	1.00
Depression – feel hopeless	2.32	1.99	1.44	1.00	1.97	1.50	1.08	1.00
Depression – loss of interest	1.41	1.03	1.33	1.00	1.45	1.00	1.35	1.00
Anxiety symptoms composite	2.33	2.03	1.31	1.00	2.17	1.79	1.10	1.00
Anxiety – feel on edge	2.11	1.82	1.10	1.00	2.00	1.64	1.23	1.00
Anxiety – cannot stop worrying	2.29	1.96	1.27	1.00	2.09	1.67	1.28	1.00
Suffering	1.90	1.68	1.19	1.00	1.76	1.44	1.26	1.00
Social Well-Being								
Social support	1.25	1.20	1.07	1.00	1.25	1.17	1.09	1.00
Intimate/close friend	1.33	1.00	1.34	1.00	1.28	1.00	1.26	1.00
Government approval	1.64	1.46	1.27	1.00	1.45	1.05	1.09	1.00
Say in government	1.58	1.31	1.28	1.00	1.29	1.00	1.15	1.00
Belonging in country	1.54	1.48	1.32	1.24	1.47	1.37	1.29	1.17
City/place satisfaction	1.69	1.33	1.18	1.00	1.61	1.00	1.25	1.00
Trust within country	1.65	1.38	1.42	1.11	1.76	1.38	1.61	1.22
Social Participation								
Ever been married	1.32	1.00	1.23	1.00	1.28	1.00	1.21	1.00
Currently divorced	1.83	1.21	1.57	1.00	2.49	1.76	2.19	1.31
Number of children	1.16	1.00	1.13	1.00	1.14	1.00	1.14	1.00
Weekly+ community participation	1.34	1.00	1.03	1.00	1.19	1.00	1.11	1.00
Weekly+ religious attendance	1.39	1.10	1.09	1.00	1.44	1.00	1.23	1.00
Social Distress								
Loneliness	1.45	1.41	1.31	1.27	1.40	1.34	1.27	1.18
Perceived discrimination	1.22	1.00	1.20	1.00	1.12	1.00	1.25	1.00
Character & Prosocial Behavior								
Hope	1.66	1.58	1.36	1.28	1.61	1.48	1.31	1.14
Gratitude	1.53	1.46	1.32	1.25	1.45	1.34	1.27	1.14
Showing love/care	1.46	1.39	1.20	1.12	1.40	1.30	1.19	1.00
Forgivingness	1.42	1.00	1.09	1.00	1.29	1.00	1.24	1.00
Charitable giving	1.40	1.03	1.33	1.00	1.37	1.00	1.02	1.00
Helping strangers	1.31	1.00	1.28	1.00	1.14	1.00	1.09	1.00
Volunteering	1.39	1.13	1.27	1.00	1.28	1.00	1.12	1.00
Physical Health & Health Behavior								
Health problems	1.80	1.52	1.37	1.00	1.72	1.32	1.24	1.00
Pain in past 4 weeks	1.86	1.65	1.32	1.00	1.81	1.51	1.48	1.10
Daily smoker	1.15	1.00	1.27	1.00	1.22	1.00	1.18	1.00
Number of drinks per week	1.07	1.00	1.08	1.00	1.15	1.00	1.14	1.00
Days exercise per week	1.18	1.12	1.14	1.07	1.16	1.05	1.12	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.22	1.00	1.16	1.00	1.38	1.00	1.32	1.00
Currently employed	1.45	1.21	1.24	1.00	1.36	1.00	1.28	1.00
Financially comfortable/getting by	2.33	2.04	1.56	1.28	2.01	1.60	1.42	1.00
Own home	1.28	1.00	1.10	1.00	1.31	1.00	1.16	1.00
Income – top quintile	1.31	1.00	1.25	1.00	1.23	1.00	1.14	1.00
Religion & Spirituality								
Religious/spiritual connection	1.12	1.00	1.34	1.00	1.27	1.00	1.34	1.00
Belief in life after death	1.24	1.00	1.26	1.00	1.06	1.00	1.19	1.00
Transformative religious experience	1.34	1.04	1.39	1.16	1.45	1.09	1.41	1.04
Religious reading or listening	1.43	1.21	1.32	1.05	1.34	1.00	1.14	1.00
Prayer or meditation	1.29	1.00	1.23	1.00	1.23	1.00	1.18	1.00
Belief in God/gods/spiritual forces	1.79	1.24	1.82	1.33	1.82	1.00	1.66	1.00
Religious centrality	1.67	1.27	1.60	1.19	1.21	1.00	1.24	1.00
Religious/spiritual comfort	2.20	1.61	2.13	1.58	1.93	1.00	1.89	1.00
Feel loved by God	1.68	1.33	1.57	1.22	1.32	1.00	1.35	1.00
Feel punished by God	1.31	1.00	1.12	1.00	1.31	1.00	1.15	1.00
Experienced religious criticism	1.14	1.00	1.25	1.00	1.22	1.00	1.04	1.00
Faith-sharing	1.37	1.00	1.27	1.00	1.26	1.00	1.18	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S18a. Weighted summary statistics for demographic and childhood variables in Israel

Characteristic	Wave 1 N = 3,669	Wave 2 N = 2,495
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	80 (2.2%)	75 (3.0%)
1943-1953 (current age: 70-79 years)	330 (9.0%)	253 (10.2%)
1953-1963 (current age: 60-69 years)	453 (12.3%)	304 (12.2%)
1963-1973 (current age: 50-59 years)	509 (13.9%)	358 (14.4%)
1973-1983 (current age: 40-49 years)	613 (16.7%)	439 (17.6%)
1983-1993 (current age: 30-39 years)	672 (18.3%)	449 (18.0%)
1993-1998 (current age: 25-29 years)	387 (10.5%)	266 (10.7%)
1998-2005 (current age: 18-24 years)	624 (17.0%)	351 (14.1%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	44.1	45.5
Standard Deviation	17.9	18.0
Min, Max	18.0, 94.0	18.0, 94.0
<i>Gender, n (%)</i>		
Male	1,782 (48.6%)	1,219 (48.9%)
Female	1,880 (51.2%)	1,274 (51.1%)
Other	0 (0.0%)	0 (0%)
(Missing)	6 (0.2%)	1 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	874 (23.8%)	507 (20.3%)
Married	1,999 (54.5%)	1,459 (58.5%)
Separated	50 (1.4%)	29 (1.2%)
Divorced	266 (7.3%)	161 (6.4%)
Widowed	218 (5.9%)	148 (5.9%)
Domestic partner	192 (5.2%)	144 (5.8%)
(Missing)	69 (1.9%)	48 (1.9%)
<i>Education (years), n (%)</i>		
Up to 8	239 (6.5%)	141 (5.6%)
9-15	1,558 (42.5%)	1,025 (41.1%)
16+	1,870 (51.0%)	1,328 (53.2%)
(Missing)	2 (0.1%)	1 (0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,742 (47.5%)	1,290 (51.7%)
Self-employed	415 (11.3%)	257 (10.3%)
Retired	574 (15.7%)	423 (17.0%)
Student	420 (11.5%)	237 (9.5%)
Homemaker	227 (6.2%)	131 (5.2%)
Unemployed and looking for a job	156 (4.3%)	71 (2.9%)
None of these/Other	124 (3.4%)	57 (2.3%)
(Missing)	10 (0.3%)	28 (1.1%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	671 (18.3%)	428 (17.1%)
Once a week	496 (13.5%)	326 (13.1%)
One to three times a month	374 (10.2%)	247 (9.9%)
A few times a year	1,005 (27.4%)	659 (26.4%)
Never	1,108 (30.2%)	821 (32.9%)
(Missing)	14 (0.4%)	15 (0.6%)
<i>Immigration status, n (%)</i>		
Born in this country	2,814 (76.7%)	1,913 (76.7%)
Born in another country	851 (23.2%)	577 (23.1%)

Table S18a. Weighted summary statistics for demographic and childhood variables in Israel

Characteristic	Wave 1 N = 3,669	Wave 2 N = 2,495
(Missing)	5 (0.1%)	4 (0.2%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	3,175 (86.5%)	2,175 (87.2%)
Parents were divorced	285 (7.8%)	190 (7.6%)
Parents were never married	34 (0.9%)	19 (0.8%)
One or both of them had died	127 (3.5%)	79 (3.1%)
Unsure	16 (0.4%)	13 (0.5%)
(Missing)	31 (0.9%)	19 (0.8%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	895 (24.4%)	591 (23.7%)
One to three times a month	432 (11.8%)	288 (11.5%)
Less than once a month	800 (21.8%)	561 (22.5%)
Never	1,526 (41.6%)	1,042 (41.8%)
(Missing)	17 (0.5%)	12 (0.5%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	2,702 (73.6%)	1,836 (73.6%)
Somewhat good	780 (21.3%)	528 (21.2%)
Somewhat bad	106 (2.9%)	74 (3.0%)
Very bad	18 (0.5%)	11 (0.4%)
(Does not apply)	45 (1.2%)	33 (1.3%)
(Missing)	17 (0.5%)	12 (0.5%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	2,307 (62.9%)	1,575 (63.1%)
Somewhat good	897 (24.5%)	583 (23.4%)
Somewhat bad	230 (6.3%)	180 (7.2%)
Very bad	38 (1.0%)	18 (0.7%)
(Does not apply)	172 (4.7%)	125 (5.0%)
(Missing)	25 (0.7%)	14 (0.5%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	368 (10.0%)	235 (9.4%)
No	3,231 (88.0%)	2,213 (88.7%)
(Missing)	71 (1.9%)	46 (1.9%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	0 (0%)	0 (0%)
No	0 (0%)	0 (0%)
(Missing)	3,669 (100.0%)	2,495 (100.0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,800 (49.1%)	1,202 (48.2%)
Very good	1,272 (34.7%)	880 (35.3%)
Good	479 (13.0%)	332 (13.3%)
Fair	104 (2.8%)	76 (3.1%)
Poor	6 (0.2%)	2 (0.1%)
(Missing)	8 (0.2%)	3 (0.1%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	927 (25.3%)	617 (24.7%)
Got by	1,815 (49.5%)	1,243 (49.8%)
Found it difficult	673 (18.3%)	460 (18.4%)
Found it very difficult	237 (6.5%)	165 (6.6%)
(Missing)	16 (0.4%)	9 (0.4%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	57 (1.6%)	49 (2.0%)

Table S18a. Weighted summary statistics for demographic and childhood variables in Israel

Characteristic	Wave 1 N = 3,669	Wave 2 N = 2,495
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	4 (0.1%)	0 (0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	688 (18.8%)	453 (18.2%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	0 (0%)
Judaism	2,835 (77.3%)	1,936 (77.6%)
Sikhism	1 (0.0%)	0 (0%)
Baha'i	1 (0.0%)	1 (0.0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	5 (0.1%)	3 (0.1%)
No religion/Atheist/Agnostic	68 (1.8%)	47 (1.9%)
(Missing)	9 (0.2%)	6 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S18b. Weighted summary statistics for exposure and outcome variables in Israel

Outcome	Wave 1 N = 3,669	Wave 2 N = 2,495
<i>Secure flourishing index</i>		
Mean	7.9	7.9
Standard Deviation	1.4	1.3
Min, Max	1.3, 10.0	1.9, 10.0
(Missing)	99 (2.7%)	156 (6.2%)
<i>Flourishing index</i>		
Mean	8.0	8.0
Standard Deviation	1.3	1.3
Min, Max	1.6, 10.0	2.1, 10.0
(Missing)	81 (2.2%)	144 (5.8%)
<i>Happiness & life satisfaction</i>		
Mean	7.6	7.3
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	19 (0.8%)
<i>Physical & mental health</i>		
Mean	8.3	8.4
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	1.0, 10.0
(Missing)	4 (0.1%)	19 (0.8%)
<i>Meaning & purpose</i>		
Mean	8.3	8.4
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.8%)	38 (1.5%)
<i>Character & virtue</i>		
Mean	7.9	8.0
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.7%)	51 (2.0%)
<i>Close social relationships</i>		
Mean	7.9	7.9
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.4%)	36 (1.4%)
<i>Financial & material security</i>		
Mean	7.2	7.2
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.5%)	16 (0.6%)
<i>Life satisfaction</i>		
Mean	7.5	7.2
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	10 (0.4%)
<i>Happiness</i>		
Mean	7.8	7.5
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	9 (0.4%)
<i>Self-rated physical health</i>		

Table S18b. Weighted summary statistics for exposure and outcome variables in Israel

Outcome	Wave 1 N = 3,669	Wave 2 N = 2,495
Mean	8.1	8.3
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	4 (0.2%)
<i>Self-rated mental health</i>		
Mean	8.5	8.5
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	15 (0.6%)
<i>Understanding purpose</i>		
Mean	8.4	8.6
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.6%)	30 (1.2%)
<i>Meaningful activities</i>		
Mean	8.1	8.1
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.3%)	12 (0.5%)
<i>Orientation to promote good</i>		
Mean	8.4	8.5
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	7 (0.3%)
<i>Delayed gratification</i>		
Mean	7.5	7.4
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.5%)	44 (1.8%)
<i>Relationship contentment</i>		
Mean	8.1	8.1
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	24 (1.0%)
<i>Relationship satisfaction</i>		
Mean	7.7	7.8
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	25 (1.0%)
<i>Financial security</i>		
Mean	7.1	7.5
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.4%)	10 (0.4%)
<i>Material security</i>		
Mean	7.2	6.9
Standard Deviation	2.5	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	7 (0.3%)
<i>Current life evaluation</i>		
Mean	7.3	7.2

Table S18b. Weighted summary statistics for exposure and outcome variables in Israel

Outcome	Wave 1 N = 3,669	Wave 2 N = 2,495
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	1 (<0.1%)
<i>Future life evaluation</i>		
Mean	8.1	8.0
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	74 (2.0%)	181 (7.3%)
<i>Optimism</i>		
Mean	8.4	8.1
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	43 (1.2%)	63 (2.5%)
<i>Freedom to pursue what's important</i>		
Mean	8.0	8.1
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.5%)	17 (0.7%)
<i>Inner peace, n (%)</i>		
Always	1,382 (37.7%)	759 (30.4%)
Often	1,764 (48.1%)	1,276 (51.2%)
Rarely	447 (12.2%)	387 (15.5%)
Never	47 (1.3%)	30 (1.2%)
(Missing)	29 (0.8%)	44 (1.7%)
<i>Life balance, n (%)</i>		
Always	970 (26.4%)	470 (18.8%)
Often	2,010 (54.8%)	1,366 (54.8%)
Rarely	569 (15.5%)	527 (21.1%)
Never	74 (2.0%)	54 (2.2%)
(Missing)	46 (1.2%)	78 (3.1%)
<i>Sense of mastery, n (%)</i>		
Always	1,355 (36.9%)	770 (30.9%)
Often	1,820 (49.6%)	1,352 (54.2%)
Rarely	418 (11.4%)	305 (12.2%)
Never	56 (1.5%)	35 (1.4%)
(Missing)	20 (0.6%)	32 (1.3%)
<i>Traumatic distress, n (%)</i>		
A lot	432 (11.8%)	252 (10.1%)
Some	738 (20.1%)	449 (18.0%)
Not very much	1,096 (29.9%)	687 (27.5%)
Not at all	1,371 (37.4%)	1,066 (42.7%)
(Missing)	33 (0.9%)	41 (1.6%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	793 (21.9%)	480 (19.6%)
	43 (1.2%)	39 (1.6%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	172 (4.7%)	126 (5.0%)
More than half the days	381 (10.4%)	253 (10.1%)
Several days	1,183 (32.3%)	773 (31.0%)
Not at all	1,917 (52.3%)	1,319 (52.9%)
(Missing)	16 (0.4%)	24 (1.0%)
<i>Depression – loss of interest, n (%)</i>		

Table S18b. Weighted summary statistics for exposure and outcome variables in Israel

Outcome	Wave 1 N = 3,669	Wave 2 N = 2,495
Nearly every day	249 (6.8%)	118 (4.7%)
More than half the days	474 (12.9%)	305 (12.2%)
Several days	1,226 (33.4%)	763 (30.6%)
Not at all	1,691 (46.1%)	1,293 (51.9%)
(Missing)	29 (0.8%)	16 (0.6%)
<i>Anxiety symptoms composite, n (%)</i>	585 (16.2%)	376 (15.4%)
(Missing)	54 (1.5%)	55 (2.2%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	149 (4.1%)	88 (3.5%)
More than half the days	311 (8.5%)	208 (8.3%)
Several days	1,030 (28.1%)	651 (26.1%)
Not at all	2,146 (58.5%)	1,525 (61.1%)
(Missing)	33 (0.9%)	23 (0.9%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	156 (4.3%)	93 (3.7%)
More than half the days	357 (9.7%)	255 (10.2%)
Several days	1,079 (29.4%)	672 (26.9%)
Not at all	2,049 (55.9%)	1,437 (57.6%)
(Missing)	28 (0.8%)	38 (1.5%)
<i>Suffering, n (%)</i>		
A lot	212 (5.8%)	154 (6.2%)
Some	798 (21.7%)	516 (20.7%)
Not very much	1,211 (33.0%)	703 (28.2%)
Not at all	1,434 (39.1%)	1,104 (44.2%)
(Missing)	15 (0.4%)	18 (0.7%)
<i>Social support</i>		
Mean	8.5	8.8
Standard Deviation	2.1	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.4%)	21 (0.8%)
<i>Intimate/close friend, n (%)</i>		
Yes	3,204 (87.3%)	2,088 (83.7%)
No	436 (11.9%)	353 (14.2%)
(Missing)	29 (0.8%)	53 (2.1%)
<i>Government approval, n (%)</i>		
Strongly approve	648 (17.7%)	568 (22.8%)
Somewhat approve	757 (20.6%)	399 (16.0%)
Neither approve nor disapprove	809 (22.1%)	406 (16.3%)
Somewhat disapprove	570 (15.5%)	335 (13.4%)
Strongly disapprove	782 (21.3%)	649 (26.0%)
(Missing)	103 (2.8%)	137 (5.5%)
<i>Say in government, n (%)</i>		
Agree	1,156 (31.5%)	805 (32.3%)
Disagree	1,620 (44.1%)	1,145 (45.9%)
Unsure	864 (23.6%)	539 (21.6%)
(Missing)	29 (0.8%)	6 (0.3%)
<i>Belonging in country</i>		
Mean	7.7	7.9
Standard Deviation	2.5	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (1.4%)	103 (4.1%)

Table S18b. Weighted summary statistics for exposure and outcome variables in Israel

Outcome	Wave 1 N = 3,669	Wave 2 N = 2,495
<i>City/place satisfaction, n (%)</i>		
Satisfied	3,164 (86.2%)	2,177 (87.3%)
Dissatisfied	404 (11.0%)	231 (9.3%)
Unsure	94 (2.6%)	70 (2.8%)
(Missing)	7 (0.2%)	17 (0.7%)
<i>Trust within country, n (%)</i>		
All people	101 (2.7%)	78 (3.1%)
Most people	778 (21.2%)	610 (24.5%)
Some people	1,390 (37.9%)	913 (36.6%)
Not very many people	1,065 (29.0%)	637 (25.5%)
None	271 (7.4%)	172 (6.9%)
(Missing)	64 (1.7%)	85 (3.4%)
<i>Number of children</i>		
Mean	1.0	1.1
Standard Deviation	1.5	3.4
Min, Max	0.0, 8.0	0.0, 97.0
(Missing)	13 (0.4%)	138 (5.5%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	281 (7.7%)	164 (6.6%)
Once a week	439 (12.0%)	220 (8.8%)
One to three times a month	430 (11.7%)	262 (10.5%)
A few times a year	700 (19.1%)	668 (26.8%)
Never	1,814 (49.4%)	1,157 (46.4%)
(Missing)	6 (0.2%)	24 (1.0%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	671 (18.3%)	428 (17.1%)
Once a week	496 (13.5%)	326 (13.1%)
One to three times a month	374 (10.2%)	247 (9.9%)
A few times a year	1,005 (27.4%)	659 (26.4%)
Never	1,108 (30.2%)	821 (32.9%)
(Missing)	14 (0.4%)	15 (0.6%)
<i>Loneliness</i>		
Mean	2.3	2.1
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.3%)	2 (<0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	190 (5.2%)	86 (3.5%)
Often	574 (15.7%)	350 (14.0%)
Rarely	1,268 (34.6%)	788 (31.6%)
Never	1,613 (44.0%)	1,231 (49.3%)
(Missing)	23 (0.6%)	39 (1.6%)
<i>Hope</i>		
Mean	8.4	8.2
Standard Deviation	1.7	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.6%)	33 (1.3%)
<i>Gratitude</i>		
Mean	7.9	8.0
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0

Table S18b. Weighted summary statistics for exposure and outcome variables in Israel

Outcome	Wave 1 N = 3,669	Wave 2 N = 2,495
(Missing)	18 (0.5%)	54 (2.2%)
<i>Showing love/care</i>		
Mean	8.6	8.7
Standard Deviation	1.7	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	8 (0.3%)
<i>Forgivingness, n (%)</i>		
Always	1,135 (30.9%)	599 (24.0%)
Often	1,558 (42.5%)	1,202 (48.2%)
Rarely	683 (18.6%)	455 (18.3%)
Never	271 (7.4%)	154 (6.2%)
(Missing)	21 (0.6%)	84 (3.4%)
<i>Charitable giving, n (%)</i>		
Yes	2,018 (55.0%)	1,349 (54.1%)
No	1,646 (44.8%)	1,136 (45.5%)
(Missing)	6 (0.2%)	9 (0.4%)
<i>Helping strangers, n (%)</i>		
Yes	2,309 (62.9%)	1,338 (53.6%)
No	1,321 (36.0%)	1,111 (44.5%)
(Missing)	39 (1.0%)	45 (1.8%)
<i>Volunteering, n (%)</i>		
Yes	762 (20.8%)	509 (20.4%)
No	2,899 (79.0%)	1,974 (79.1%)
(Missing)	8 (0.2%)	12 (0.5%)
<i>Health problems, n (%)</i>		
Yes	499 (13.6%)	296 (11.9%)
No	3,140 (85.6%)	2,156 (86.4%)
(Missing)	30 (0.8%)	43 (1.7%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	232 (6.3%)	112 (4.5%)
Some	672 (18.3%)	358 (14.3%)
Not very much	1,144 (31.2%)	671 (26.9%)
None at all	1,615 (44.0%)	1,334 (53.5%)
(Missing)	6 (0.2%)	20 (0.8%)
<i>Number of drinks per week</i>		
Mean	1.2	1.0
Standard Deviation	4.1	3.5
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	52 (1.4%)	91 (3.7%)
<i>Days exercise per week</i>		
Mean	1.3	1.2
Standard Deviation	1.6	1.5
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	14 (0.4%)	12 (0.5%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	239 (6.5%)	141 (5.6%)
9-15	1,558 (42.5%)	1,025 (41.1%)
16+	1,870 (51.0%)	1,328 (53.2%)
(Missing)	2 (0.1%)	1 (0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,742 (47.5%)	1,290 (51.7%)

Table S18b. Weighted summary statistics for exposure and outcome variables in Israel

Outcome	Wave 1 N = 3,669	Wave 2 N = 2,495
Self-employed	415 (11.3%)	257 (10.3%)
Retired	574 (15.7%)	423 (17.0%)
Student	420 (11.5%)	237 (9.5%)
Homemaker	227 (6.2%)	131 (5.2%)
Unemployed and looking for a job	156 (4.3%)	71 (2.9%)
None of these/Other	124 (3.4%)	57 (2.3%)
(Missing)	10 (0.3%)	28 (1.1%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	752 (20.5%)	463 (18.6%)
Getting by on present income	1,955 (53.3%)	1,422 (57.0%)
Finding it difficult on present income	699 (19.0%)	467 (18.7%)
Finding it very difficult on present income	193 (5.3%)	114 (4.6%)
(Missing)	70 (1.9%)	28 (1.1%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	2,337 (63.7%)	1,672 (67.0%)
Someone in this household rents this home	821 (22.4%)	578 (23.2%)
Both	95 (2.6%)	60 (2.4%)
Neither	363 (9.9%)	138 (5.5%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	53 (1.4%)	47 (1.9%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,305 (35.6%)	746 (29.9%)
Often	997 (27.2%)	695 (27.9%)
Rarely	804 (21.9%)	507 (20.3%)
Never	533 (14.5%)	518 (20.8%)
(Missing)	31 (0.8%)	28 (1.1%)
<i>Belief in life after death, n (%)</i>		
Yes	2,001 (54.5%)	1,396 (56.0%)
No	783 (21.3%)	576 (23.1%)
Unsure	844 (23.0%)	490 (19.7%)
(Missing)	41 (1.1%)	32 (1.3%)
<i>Transformative religious experience, n (%)</i>		
Yes	852 (23.2%)	481 (19.3%)
No	2,759 (75.2%)	1,912 (76.7%)
(Missing)	58 (1.6%)	102 (4.1%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	586 (16.0%)	398 (16.0%)
About once a day	516 (14.1%)	414 (16.6%)
Sometimes	1,254 (34.2%)	741 (29.7%)
Never	1,298 (35.4%)	917 (36.7%)
(Missing)	15 (0.4%)	25 (1.0%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	875 (23.9%)	610 (24.4%)
About once a day	507 (13.8%)	300 (12.0%)
Sometimes	992 (27.0%)	622 (24.9%)
Never	1,283 (35.0%)	933 (37.4%)
(Missing)	12 (0.3%)	30 (1.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	2,648 (72.2%)	1,773 (71.1%)

Table S18b. Weighted summary statistics for exposure and outcome variables in Israel

Outcome	Wave 1 N = 3,669	Wave 2 N = 2,495
More than one god	0 (0%)	0 (0%)
An impersonal spiritual force	0 (0%)	0 (0%)
None of these	462 (12.6%)	378 (15.2%)
Unsure	540 (14.7%)	322 (12.9%)
(Missing)	19 (0.5%)	22 (0.9%)
<i>Religious centrality, n (%)</i>		
Agree	1,709 (46.6%)	1,111 (44.6%)
Disagree	741 (20.2%)	432 (17.3%)
Not relevant	824 (22.5%)	728 (29.2%)
Unsure	373 (10.2%)	205 (8.2%)
(Missing)	22 (0.6%)	18 (0.7%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	2,208 (60.2%)	1,422 (57.0%)
Disagree	526 (14.3%)	327 (13.1%)
Not relevant	679 (18.5%)	584 (23.4%)
Unsure	249 (6.8%)	134 (5.4%)
(Missing)	6 (0.2%)	27 (1.1%)
<i>Feel loved by God, n (%)</i>		
Agree	2,138 (58.3%)	1,297 (52.0%)
Disagree	379 (10.3%)	286 (11.5%)
Not relevant	648 (17.7%)	585 (23.4%)
Unsure	479 (13.1%)	241 (9.7%)
(Missing)	25 (0.7%)	86 (3.5%)
<i>Feel punished by God, n (%)</i>		
Agree	740 (20.2%)	446 (17.9%)
Disagree	1,689 (46.0%)	1,068 (42.8%)
Not relevant	697 (19.0%)	613 (24.6%)
Unsure	516 (14.1%)	277 (11.1%)
(Missing)	27 (0.7%)	90 (3.6%)
<i>Experienced religious criticism, n (%)</i>		
Agree	394 (10.7%)	197 (7.9%)
Disagree	1,808 (49.3%)	1,211 (48.6%)
Not relevant	1,125 (30.7%)	911 (36.5%)
Unsure	319 (8.7%)	174 (7.0%)
(Missing)	22 (0.6%)	2 (0.1%)
<i>Faith-sharing, n (%)</i>		
Agree	1,728 (47.1%)	1,075 (43.1%)
Disagree	845 (23.0%)	602 (24.1%)
Not relevant	906 (24.7%)	744 (29.8%)
Unsure	181 (4.9%)	65 (2.6%)
(Missing)	10 (0.3%)	8 (0.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S18c. Unweighted summary statistics for demographic and childhood variables in Israel by retention status

Characteristic	Attritors-Not Observed in Wave 2 N = 1,163	Retained-Observed in Wave 2 N = 2,520
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	12 (1.0%)	69 (2.8%)
1943-1953 (current age: 70-79 years)	67 (5.8%)	267 (10.6%)
1953-1963 (current age: 60-69 years)	105 (9.0%)	352 (14.0%)
1963-1973 (current age: 50-59 years)	158 (13.6%)	354 (14.0%)
1973-1983 (current age: 40-49 years)	190 (16.3%)	426 (16.9%)
1983-1993 (current age: 30-39 years)	249 (21.4%)	424 (16.8%)
1993-1998 (current age: 25-29 years)	133 (11.4%)	255 (10.1%)
1998-2005 (current age: 18-24 years)	250 (21.5%)	373 (14.8%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	40.6	45.9
Standard Deviation	16.6	18.3
Min, Max	18.0, 94.0	18.0, 93.0
<i>Gender, n (%)</i>		
Male	535 (46.0%)	1,257 (49.9%)
Female	623 (53.6%)	1,263 (50.1%)
Other	0 (0.0%)	0 (0%)
(Missing)	5 (0.4%)	1 (0.0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	324 (27.8%)	551 (21.9%)
Married	588 (50.6%)	1,422 (56.4%)
Separated	26 (2.3%)	24 (0.9%)
Divorced	77 (6.6%)	191 (7.6%)
Widowed	51 (4.4%)	169 (6.7%)
Domestic partner	71 (6.1%)	121 (4.8%)
(Missing)	26 (2.2%)	44 (1.7%)
<i>Education (years), n (%)</i>		
Up to 8	65 (5.6%)	175 (7.0%)
9-15	466 (40.1%)	1,099 (43.6%)
16+	631 (54.3%)	1,244 (49.4%)
(Missing)	0 (0%)	2 (0.1%)
<i>Employment status, n (%)</i>		
Employed for an employer	554 (47.6%)	1,195 (47.4%)
Self-employed	138 (11.9%)	278 (11.0%)
Retired	119 (10.2%)	462 (18.3%)
Student	160 (13.7%)	261 (10.3%)
Homemaker	75 (6.5%)	153 (6.1%)
Unemployed and looking for a job	62 (5.3%)	94 (3.7%)
None of these/Other	52 (4.4%)	72 (2.9%)
(Missing)	4 (0.4%)	5 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	176 (15.1%)	501 (19.9%)
Once a week	156 (13.4%)	342 (13.6%)
One to three times a month	116 (10.0%)	259 (10.3%)
A few times a year	380 (32.6%)	626 (24.8%)
Never	328 (28.2%)	786 (31.2%)
(Missing)	8 (0.6%)	6 (0.3%)
<i>Immigration status, n (%)</i>		

Table S18c. Unweighted summary statistics for demographic and childhood variables in Israel by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 1,163	Retained-Observed in Wave 2 N = 2,520
Born in this country	915 (78.7%)	1,908 (75.7%)
Born in another country	248 (21.3%)	608 (24.1%)
(Missing)	0 (0%)	5 (0.2%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	983 (84.5%)	2,206 (87.5%)
Parents were divorced	100 (8.6%)	186 (7.4%)
Parents were never married	15 (1.3%)	19 (0.7%)
One or both of them had died	45 (3.9%)	82 (3.2%)
Unsure	8 (0.7%)	8 (0.3%)
(Missing)	11 (1.0%)	20 (0.8%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	289 (24.8%)	609 (24.2%)
One to three times a month	138 (11.8%)	296 (11.7%)
Less than once a month	229 (19.7%)	576 (22.8%)
Never	502 (43.1%)	1,029 (40.8%)
(Missing)	6 (0.5%)	11 (0.4%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	854 (73.4%)	1,859 (73.7%)
Somewhat good	254 (21.8%)	528 (21.0%)
Somewhat bad	31 (2.7%)	76 (3.0%)
Very bad	8 (0.7%)	10 (0.4%)
(Does not apply)	11 (0.9%)	35 (1.4%)
(Missing)	5 (0.4%)	12 (0.5%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	735 (63.2%)	1,581 (62.7%)
Somewhat good	301 (25.9%)	599 (23.8%)
Somewhat bad	56 (4.8%)	177 (7.0%)
Very bad	19 (1.6%)	19 (0.7%)
(Does not apply)	42 (3.6%)	131 (5.2%)
(Missing)	11 (0.9%)	14 (0.6%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	129 (11.1%)	240 (9.5%)
No	1,012 (87.0%)	2,233 (88.6%)
(Missing)	23 (2.0%)	48 (1.9%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	0 (0%)	0 (0%)
No	0 (0%)	0 (0%)
(Missing)	1,163 (100.0%)	2,520 (100.0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	615 (52.9%)	1,190 (47.2%)
Very good	375 (32.2%)	904 (35.9%)
Good	137 (11.8%)	345 (13.7%)
Fair	27 (2.4%)	77 (3.1%)
Poor	4 (0.4%)	2 (0.1%)
(Missing)	5 (0.5%)	3 (0.1%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	322 (27.6%)	607 (24.1%)

Table S18c. Unweighted summary statistics for demographic and childhood variables in Israel by retention status

Characteristic	Attritors-Not Observed in	Retained-Observed in
	Wave 2 N = 1,163	Wave 2 N = 2,520
Got by	571 (49.1%)	1,252 (49.7%)
Found it difficult	194 (16.7%)	483 (19.2%)
Found it very difficult	70 (6.0%)	168 (6.7%)
(Missing)	6 (0.5%)	10 (0.4%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	14 (1.2%)	43 (1.7%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	4 (0.3%)	0 (0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	294 (25.3%)	392 (15.6%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	0 (0%)
Judaism	820 (70.5%)	2,031 (80.6%)
Sikhism	1 (0.1%)	0 (0%)
Baha'i	0 (0%)	1 (0.1%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	3 (0.3%)	2 (0.1%)
No religion/Atheist/Agnostic	23 (2.0%)	44 (1.8%)
(Missing)	3 (0.3%)	6 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S18d. Unweighted summary statistics for Wave 1 outcome variables in Israel by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,163	Wave 2 N = 2,520
<i>Secure flourishing index</i>		
Mean	7.7	8.0
Standard Deviation	1.4	1.4
Min, Max	1.3, 10.0	3.1, 10.0
(Missing)	19 (1.7%)	81 (3.2%)
<i>Flourishing index</i>		
Mean	7.9	8.1
Standard Deviation	1.4	1.3
Min, Max	1.6, 10.0	2.5, 10.0
(Missing)	14 (1.2%)	68 (2.7%)
<i>Happiness & life satisfaction</i>		
Mean	7.4	7.7
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (<0.1%)	14 (0.6%)
<i>Physical & mental health</i>		
Mean	8.1	8.4
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	1.5, 10.0
(Missing)	1 (<0.1%)	3 (0.1%)
<i>Meaning & purpose</i>		
Mean	8.1	8.3
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.5, 10.0
(Missing)	6 (0.5%)	25 (1.0%)
<i>Character & virtue</i>		
Mean	8.0	7.9
Standard Deviation	1.6	1.6
Min, Max	1.0, 10.0	0.0, 10.0
(Missing)	6 (0.5%)	22 (0.9%)
<i>Close social relationships</i>		
Mean	7.8	8.0
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.3%)	13 (0.5%)
<i>Financial & material security</i>		
Mean	6.8	7.3
Standard Deviation	2.5	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.4%)	13 (0.5%)
<i>Life satisfaction</i>		
Mean	7.3	7.6
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (<0.1%)	10 (0.4%)
<i>Happiness</i>		
Mean	7.5	7.9
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0

Table S18d. Unweighted summary statistics for Wave 1 outcome variables in Israel by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,163	N = 2,520
(Missing)	0 (<0.1%)	4 (0.1%)
<i>Self-rated physical health</i>		
Mean	7.9	8.2
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Self-rated mental health</i>		
Mean	8.2	8.6
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	2 (<0.1%)
<i>Understanding purpose</i>		
Mean	8.2	8.5
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	20 (0.8%)
<i>Meaningful activities</i>		
Mean	7.9	8.1
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.3%)	6 (0.3%)
<i>Orientation to promote good</i>		
Mean	8.4	8.4
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.3%)	4 (0.2%)
<i>Delayed gratification</i>		
Mean	7.6	7.5
Standard Deviation	2.2	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	17 (0.7%)
<i>Relationship contentment</i>		
Mean	7.9	8.1
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	2 (<0.1%)
<i>Relationship satisfaction</i>		
Mean	7.6	7.8
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.3%)	11 (0.4%)
<i>Financial security</i>		
Mean	6.7	7.3
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.3%)	11 (0.4%)
<i>Material security</i>		
Mean	7.0	7.3
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0

Table S18d. Unweighted summary statistics for Wave 1 outcome variables in Israel by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,163	Wave 2 N = 2,520
(Missing)	2 (0.1%)	4 (0.2%)
<i>Current life evaluation</i>		
Mean	7.2	7.4
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.2%)	1 (<0.1%)
<i>Future life evaluation</i>		
Mean	8.1	8.1
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.7%)	68 (2.7%)
<i>Optimism</i>		
Mean	8.4	8.4
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.9%)	33 (1.3%)
<i>Freedom to pursue what's important</i>		
Mean	8.0	8.0
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.2%)	15 (0.6%)
<i>Inner peace, n (%)</i>		
Always	381 (32.8%)	1,010 (40.1%)
Often	598 (51.5%)	1,170 (46.4%)
Rarely	161 (13.8%)	287 (11.4%)
Never	12 (1.0%)	35 (1.4%)
(Missing)	11 (0.9%)	19 (0.7%)
<i>Life balance, n (%)</i>		
Always	260 (22.4%)	716 (28.4%)
Often	681 (58.6%)	1,335 (52.9%)
Rarely	193 (16.6%)	378 (15.0%)
Never	22 (1.9%)	53 (2.1%)
(Missing)	7 (0.6%)	40 (1.6%)
<i>Sense of mastery, n (%)</i>		
Always	398 (34.2%)	965 (38.3%)
Often	606 (52.1%)	1,219 (48.4%)
Rarely	137 (11.8%)	282 (11.2%)
Never	20 (1.7%)	36 (1.4%)
(Missing)	2 (0.2%)	19 (0.7%)
<i>Traumatic distress, n (%)</i>		
A lot	183 (15.7%)	248 (9.8%)
Some	271 (23.3%)	467 (18.5%)
Not very much	350 (30.1%)	750 (29.8%)
Not at all	348 (29.9%)	1,033 (41.0%)
(Missing)	11 (1.0%)	22 (0.9%)
<i>Depression symptoms composite, n (%)</i>	298 (25.9%)	496 (19.9%)
(Missing)	14 (1.2%)	29 (1.1%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	54 (4.7%)	118 (4.7%)

Table S18d. Unweighted summary statistics for Wave 1 outcome variables in Israel by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 1,163	Wave 2 N = 2,520
More than half the days	149 (12.8%)	232 (9.2%)
Several days	401 (34.4%)	786 (31.2%)
Not at all	553 (47.5%)	1,375 (54.6%)
(Missing)	7 (0.6%)	9 (0.4%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	97 (8.3%)	152 (6.0%)
More than half the days	184 (15.8%)	289 (11.5%)
Several days	412 (35.5%)	817 (32.4%)
Not at all	462 (39.7%)	1,241 (49.2%)
(Missing)	8 (0.7%)	21 (0.8%)
<i>Anxiety symptoms composite, n (%)</i>	235 (20.5%)	349 (14.1%)
(Missing)	16 (1.4%)	38 (1.5%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	59 (5.1%)	90 (3.6%)
More than half the days	129 (11.1%)	181 (7.2%)
Several days	365 (31.4%)	667 (26.4%)
Not at all	597 (51.3%)	1,563 (62.0%)
(Missing)	14 (1.2%)	19 (0.8%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	73 (6.2%)	83 (3.3%)
More than half the days	137 (11.8%)	220 (8.7%)
Several days	381 (32.8%)	699 (27.7%)
Not at all	568 (48.9%)	1,494 (59.3%)
(Missing)	4 (0.4%)	24 (1.0%)
<i>Suffering, n (%)</i>		
A lot	70 (6.1%)	142 (5.6%)
Some	256 (22.0%)	545 (21.6%)
Not very much	416 (35.8%)	798 (31.7%)
Not at all	415 (35.7%)	1,027 (40.7%)
(Missing)	5 (0.4%)	9 (0.4%)
<i>Social support</i>		
Mean	8.2	8.7
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.6%)	8 (0.3%)
<i>Intimate/close friend, n (%)</i>		
Yes	1,024 (88.0%)	2,192 (87.0%)
No	130 (11.2%)	308 (12.2%)
(Missing)	9 (0.8%)	21 (0.8%)
<i>Government approval, n (%)</i>		
Strongly approve	162 (13.9%)	492 (19.5%)
Somewhat approve	241 (20.7%)	519 (20.6%)
Neither approve nor disapprove	311 (26.7%)	498 (19.8%)
Somewhat disapprove	211 (18.1%)	359 (14.3%)
Strongly disapprove	216 (18.6%)	570 (22.6%)
(Missing)	22 (1.9%)	82 (3.3%)
<i>Say in government, n (%)</i>		
Agree	331 (28.4%)	832 (33.0%)
Disagree	490 (42.1%)	1,138 (45.1%)

Table S18d. Unweighted summary statistics for Wave 1 outcome variables in Israel by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,163	N = 2,520
Unsure	332 (28.6%)	532 (21.1%)
(Missing)	10 (0.9%)	19 (0.8%)
<i>Belonging in country</i>		
Mean	7.6	7.7
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (1.1%)	38 (1.5%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	989 (85.1%)	2,188 (86.8%)
Dissatisfied	134 (11.5%)	272 (10.8%)
Unsure	37 (3.1%)	57 (2.3%)
(Missing)	3 (0.3%)	4 (0.2%)
<i>Trust within country, n (%)</i>		
All people	21 (1.8%)	81 (3.2%)
Most people	226 (19.4%)	556 (22.1%)
Some people	464 (39.9%)	931 (36.9%)
Not very many people	351 (30.1%)	718 (28.5%)
None	87 (7.5%)	185 (7.3%)
(Missing)	14 (1.2%)	50 (2.0%)
<i>Number of children</i>		
Mean	1.1	1.0
Standard Deviation	1.5	1.5
Min, Max	0.0, 7.0	0.0, 8.0
(Missing)	10 (0.8%)	3 (0.1%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	102 (8.8%)	179 (7.1%)
Once a week	155 (13.3%)	284 (11.3%)
One to three times a month	127 (10.9%)	305 (12.1%)
A few times a year	228 (19.6%)	474 (18.8%)
Never	549 (47.2%)	1,274 (50.5%)
(Missing)	2 (0.1%)	4 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	176 (15.1%)	501 (19.9%)
Once a week	156 (13.4%)	342 (13.6%)
One to three times a month	116 (10.0%)	259 (10.3%)
A few times a year	380 (32.6%)	626 (24.8%)
Never	328 (28.2%)	786 (31.2%)
(Missing)	8 (0.6%)	6 (0.3%)
<i>Loneliness</i>		
Mean	2.7	2.1
Standard Deviation	2.6	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.3%)	9 (0.4%)
<i>Perceived discrimination, n (%)</i>		
Always	66 (5.6%)	125 (5.0%)
Often	199 (17.1%)	376 (14.9%)
Rarely	448 (38.5%)	823 (32.6%)
Never	442 (38.0%)	1,182 (46.9%)
(Missing)	9 (0.7%)	14 (0.6%)

Table S18d. Unweighted summary statistics for Wave 1 outcome variables in Israel by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2 N = 1,163	Wave 2 N = 2,520
<i>Hope</i>		
Mean	8.4	8.4
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.8%)	13 (0.5%)
<i>Gratitude</i>		
Mean	7.9	7.9
Standard Deviation	1.9	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.7%)	10 (0.4%)
<i>Showing love/care</i>		
Mean	8.5	8.6
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.3%)	5 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	320 (27.6%)	822 (32.6%)
Often	527 (45.3%)	1,035 (41.1%)
Rarely	241 (20.7%)	444 (17.6%)
Never	72 (6.2%)	201 (8.0%)
(Missing)	4 (0.3%)	18 (0.7%)
<i>Charitable giving, n (%)</i>		
Yes	629 (54.0%)	1,398 (55.5%)
No	531 (45.7%)	1,120 (44.4%)
(Missing)	3 (0.3%)	2 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	783 (67.3%)	1,533 (60.8%)
No	368 (31.6%)	962 (38.2%)
(Missing)	13 (1.1%)	25 (1.0%)
<i>Volunteering, n (%)</i>		
Yes	274 (23.6%)	489 (19.4%)
No	888 (76.3%)	2,025 (80.3%)
(Missing)	1 (0.1%)	7 (0.3%)
<i>Health problems, n (%)</i>		
Yes	154 (13.3%)	347 (13.8%)
No	1,000 (85.9%)	2,152 (85.4%)
(Missing)	9 (0.8%)	21 (0.8%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	94 (8.1%)	138 (5.5%)
Some	241 (20.7%)	432 (17.1%)
Not very much	386 (33.2%)	761 (30.2%)
None at all	439 (37.7%)	1,187 (47.1%)
(Missing)	4 (0.4%)	2 (0.1%)
<i>Number of drinks per week</i>		
Mean	1.1	1.3
Standard Deviation	3.4	4.3
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	21 (1.8%)	32 (1.3%)
<i>Days exercise per week</i>		

Table S18d. Unweighted summary statistics for Wave 1 outcome variables in Israel by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,163	Wave 2 N = 2,520
Mean	1.4	1.2
Standard Deviation	1.7	1.6
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	5 (0.4%)	10 (0.4%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	65 (5.6%)	175 (7.0%)
9-15	466 (40.1%)	1,099 (43.6%)
16+	631 (54.3%)	1,244 (49.4%)
(Missing)	0 (0%)	2 (0.1%)
<i>Currently employed, n (%)</i>		
Employed for an employer	554 (47.6%)	1,195 (47.4%)
Self-employed	138 (11.9%)	278 (11.0%)
Retired	119 (10.2%)	462 (18.3%)
Student	160 (13.7%)	261 (10.3%)
Homemaker	75 (6.5%)	153 (6.1%)
Unemployed and looking for a job	62 (5.3%)	94 (3.7%)
None of these/Other	52 (4.4%)	72 (2.9%)
(Missing)	4 (0.4%)	5 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	253 (21.7%)	501 (19.9%)
Getting by on present income	573 (49.2%)	1,393 (55.3%)
Finding it difficult on present income	241 (20.7%)	459 (18.2%)
Finding it very difficult on present income	70 (6.0%)	123 (4.9%)
(Missing)	27 (2.3%)	43 (1.7%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	661 (56.9%)	1,690 (67.0%)
Someone in this household rents this home	250 (21.5%)	575 (22.8%)
Both	38 (3.3%)	57 (2.3%)
Neither	190 (16.4%)	170 (6.7%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	23 (2.0%)	29 (1.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	401 (34.5%)	910 (36.1%)
Often	337 (29.0%)	662 (26.3%)
Rarely	275 (23.6%)	531 (21.1%)
Never	141 (12.1%)	396 (15.7%)
(Missing)	9 (0.8%)	21 (0.9%)
<i>Belief in life after death, n (%)</i>		
Yes	589 (50.6%)	1,424 (56.5%)
No	240 (20.6%)	546 (21.7%)
Unsure	319 (27.4%)	526 (20.9%)
(Missing)	16 (1.4%)	25 (1.0%)
<i>Transformative religious experience, n (%)</i>		
Yes	334 (28.7%)	517 (20.5%)
No	817 (70.2%)	1,957 (77.7%)
(Missing)	12 (1.1%)	46 (1.8%)
<i>Religious reading or listening, n (%)</i>		

Table S18d. Unweighted summary statistics for Wave 1 outcome variables in Israel by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 1,163	Wave 2 N = 2,520
More than once a day	149 (12.8%)	442 (17.5%)
About once a day	174 (15.0%)	343 (13.6%)
Sometimes	439 (37.7%)	818 (32.4%)
Never	394 (33.9%)	910 (36.1%)
(Missing)	7 (0.6%)	8 (0.3%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	274 (23.6%)	605 (24.0%)
About once a day	180 (15.5%)	327 (13.0%)
Sometimes	309 (26.6%)	687 (27.3%)
Never	394 (33.9%)	895 (35.5%)
(Missing)	5 (0.5%)	6 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	846 (72.7%)	1,813 (71.9%)
More than one god	0 (0%)	0 (0%)
An impersonal spiritual force	0 (0%)	0 (0%)
None of these	134 (11.5%)	331 (13.1%)
Unsure	180 (15.5%)	361 (14.3%)
(Missing)	3 (0.3%)	16 (0.6%)
<i>Religious centrality, n (%)</i>		
Agree	532 (45.7%)	1,185 (47.0%)
Disagree	233 (20.1%)	511 (20.3%)
Not relevant	264 (22.7%)	563 (22.4%)
Unsure	124 (10.7%)	250 (9.9%)
(Missing)	11 (0.9%)	11 (0.4%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	671 (57.6%)	1,548 (61.4%)
Disagree	171 (14.7%)	357 (14.1%)
Not relevant	217 (18.6%)	465 (18.4%)
Unsure	100 (8.6%)	149 (5.9%)
(Missing)	4 (0.4%)	1 (0.1%)
<i>Feel loved by God, n (%)</i>		
Agree	677 (58.2%)	1,469 (58.3%)
Disagree	107 (9.2%)	274 (10.9%)
Not relevant	200 (17.2%)	451 (17.9%)
Unsure	168 (14.4%)	313 (12.4%)
(Missing)	11 (1.0%)	14 (0.5%)
<i>Feel punished by God, n (%)</i>		
Agree	155 (13.3%)	593 (23.5%)
Disagree	573 (49.2%)	1,120 (44.4%)
Not relevant	236 (20.3%)	463 (18.4%)
Unsure	192 (16.5%)	324 (12.9%)
(Missing)	7 (0.6%)	20 (0.8%)
<i>Experienced religious criticism, n (%)</i>		
Agree	146 (12.5%)	249 (9.9%)
Disagree	528 (45.4%)	1,290 (51.2%)
Not relevant	360 (30.9%)	770 (30.5%)
Unsure	122 (10.5%)	197 (7.8%)
(Missing)	7 (0.6%)	15 (0.6%)
<i>Faith-sharing, n (%)</i>		

Table S18d. Unweighted summary statistics for Wave 1 outcome variables in Israel by retention status.

Outcome	Attritons-NotRetained-Observed in	Observed in Wave 2
	N = 1,163	Wave 2 N = 2,520
Agree	541 (46.5%)	1,193 (47.3%)
Disagree	222 (19.1%)	630 (25.0%)
Not relevant	320 (27.5%)	588 (23.3%)
Unsure	76 (6.5%)	104 (4.1%)
(Missing)	4 (0.4%)	6 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S18e. Summary of fitted attrition model in Israel

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.96	0.83, 1.11	0.586
Happiness & life satisfaction	1.09	0.94, 1.25	0.243
Physical & mental health	1.25	1.07, 1.46	0.006
Meaning & purpose	0.97	0.83, 1.13	0.691
Character & virtue	0.83	0.74, 0.94	0.003
Close social relationships	0.92	0.80, 1.06	0.254
Financial & material security	0.98	0.85, 1.12	0.716
Extraversion	0.95	0.87, 1.03	0.226
Openness to experience	1.00	0.90, 1.10	0.959
Agreeableness	0.98	0.89, 1.08	0.715
Conscientiousness	0.96	0.87, 1.07	0.493
Neuroticism	1.06	0.95, 1.18	0.268
Depression symptoms composite	1.03	0.92, 1.15	0.647
Anxiety symptoms composite	0.96	0.85, 1.09	0.541
Loneliness	0.85	0.75, 0.96	0.011
Days exercise per week	0.97	0.88, 1.07	0.494
Year of birth (age group)			
1983-1993 (current age: 30-39 years)	—	—	
1973-1983 (current age: 40-49 years)	1.41	1.07, 1.86	0.016
1998-2005 (current age: 18-24 years)	0.83	0.59, 1.17	0.269
1963-1973 (current age: 50-59 years)	1.34	1.03, 1.75	0.033
1953-1963 (current age: 60-69 years)	2.00	1.34, 3.00	0.001
1993-1998 (current age: 25-29 years)	1.06	0.77, 1.46	0.699
1943-1953 (current age: 70-79 years)	2.54	1.49, 4.33	0.001
1943 or earlier (current age: 80+ years)	3.82	1.62, 9.02	0.003
Gender of respondent			
Female	—	—	
Male	1.05	0.88, 1.25	0.592
Other	0.00	0.00, 0.00	3.51e-13
Marital status			
Married	—	—	
Single/Never been married	1.27	0.96, 1.67	0.090
Divorced	1.34	0.90, 2.01	0.147
Widowed	1.18	0.68, 2.05	0.540
Domestic partner	0.91	0.57, 1.44	0.669
Separated	0.55	0.26, 1.17	0.120
Employment status			
Employed for an employer	—	—	
Retired	1.17	0.76, 1.81	0.461
Self-employed	0.89	0.67, 1.18	0.392
Student	0.85	0.61, 1.18	0.323
Homemaker	1.26	0.76, 2.09	0.352
Unemployed and looking for a job	0.87	0.57, 1.35	0.532
None of these/Other	0.55	0.35, 0.86	0.010
Religious attendance			
Never	—	—	
A few times a year	0.70	0.54, 0.90	0.007
More than once a week	1.26	0.89, 1.79	0.189
Once a week	0.94	0.69, 1.28	0.704
One to three times a month	1.05	0.73, 1.51	0.777
Educational attainment (16+ years)			
9-15	—	—	

Table S18e. Summary of fitted attrition model in Israel

Characteristic	Odds Ratio	95% CI	p-value
16+	0.73	0.59, 0.90	0.004
Up to 8	1.04	0.59, 1.85	0.885
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.89	0.69, 1.16	0.377
Race plurality (prominent race/ethnic group [0] or not [1])	0.85	0.75, 0.96	0.011
Urbanicity			
<i>A large city</i>	—	—	
<i>A small town or village</i>	1.10	0.81, 1.49	0.536
<i>A rural area or on a farm</i>	0.90	0.60, 1.34	0.592
<i>A suburb of a large city</i>	0.88	0.39, 1.98	0.755
Monthly household income			
<i>Israel: 12,001 – 15,000 Israeli shekels</i>	—	—	
<i>Israel: 11,001 – 12,000 Israeli shekels</i>	0.97	0.64, 1.48	0.896
<i>Israel: 15,001 – 16,000 Israeli shekels</i>	1.02	0.66, 1.56	0.941
<i>Israel: 7,001 – 8,000 Israeli shekels</i>	0.75	0.50, 1.15	0.185
<i>Israel: 9,001 – 10,000 Israeli shekels</i>	0.79	0.51, 1.22	0.278
<i>Israel: 6,001 – 7,000 Israeli shekels</i>	0.73	0.47, 1.15	0.168
<i>Israel: 18,001 – 20,000 Israeli shekels</i>	1.12	0.74, 1.71	0.585
<i>Israel: 8,001 – 9,000 Israeli shekels</i>	0.68	0.44, 1.06	0.089
<i>Israel: 16,001 – 18,000 Israeli shekels</i>	0.86	0.55, 1.34	0.486
<i>Israel: 10,001 – 11,000 Israeli shekels</i>	0.77	0.49, 1.21	0.252
<i>Israel: 5,001 – 6,000 Israeli shekels</i>	0.56	0.36, 0.87	0.011
<i>Israel: 20,001 – 40,000 Israeli shekels</i>	0.88	0.55, 1.41	0.580
<i>Israel: 3,001 – 5,000 Israeli shekels</i>	0.57	0.36, 0.91	0.019
<i>(None/No household income)</i>	0.69	0.39, 1.22	0.191
<i>Israel: 1,001 – 3,000 Israeli shekels</i>	0.55	0.28, 1.08	0.081
<i>Israel: More than 40,000 Israeli shekels</i>	0.58	0.26, 1.32	0.191
<i>Israel: 1,000 Israeli shekels or less</i>	0.28	0.12, 0.70	0.007

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=3669; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S18f. Summary of principal components in Israel

PC	Percent Explained by each PC	Cumulative Percent Explained
1	29.37	29.37
2	7.41	36.78
3	6.28	43.06
4	2.67	45.72
5	2.23	47.95
6	1.98	49.93
7	1.77	51.70
8	1.73	53.44
9	1.55	54.99
10	1.51	56.49
11	1.44	57.93
12	1.32	59.25
13	1.29	60.54
14	1.22	61.76
15	1.20	62.96
16	1.15	64.10
17	1.12	65.22
18	1.07	66.28
19	1.03	67.32
20	1.02	68.34

Notes. N=3669; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S18g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Israel

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.55	(0.50,0.60)	0.03	2.22e-16***	0.42	(0.36,0.48)	0.03	2.22e-16***
Flourishing index	0.52	(0.47,0.57)	0.03	2.22e-16***	0.30	(0.24,0.36)	0.03	2.22e-16***
Happiness & life satisfaction	0.41	(0.36,0.46)	0.03	2.22e-16***	0.15	(0.09,0.20)	0.03	7.18e-08***
Physical & mental health	0.38	(0.32,0.43)	0.03	2.22e-16***	0.08	(0.02,0.14)	0.03	0.006*
Meaning & purpose	0.45	(0.40,0.50)	0.02	2.22e-16***	0.21	(0.16,0.27)	0.03	1.6e-14***
Character & virtue	0.24	(0.20,0.29)	0.02	2.22e-16***	0.06	(0.02,0.09)	0.02	1.59e-03**
Close social relationships	0.40	(0.35,0.45)	0.03	2.22e-16***	0.17	(0.12,0.22)	0.03	1.15e-09***
Financial & material security	0.40	(0.36,0.44)	0.02	2.22e-16***	0.20	(0.16,0.25)	0.02	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.32	(0.26,0.39)	0.03	2.22e-16***	0.08	(0.02,0.13)	0.03	3.89e-03**
Happiness (a)	0.41	(0.37,0.46)	0.02	2.22e-16***	0.16	(0.11,0.20)	0.02	1.07e-10***
Self-rated physical health (b)	0.34	(0.30,0.39)	0.02	2.22e-16***	0.09	(0.05,0.14)	0.02	9.99e-05***
Self-rated mental health (b)	0.33	(0.28,0.38)	0.02	2.22e-16***	0.02	(-0.03,0.07)	0.03	0.462
Understanding purpose (c)	0.40	(0.35,0.44)	0.02	2.22e-16***	0.18	(0.14,0.22)	0.02	6.66e-16***
Meaningful activities (c)	0.39	(0.34,0.45)	0.03	2.22e-16***	0.14	(0.08,0.19)	0.03	2.31e-06***
Orientation to promote good (d)	0.27	(0.23,0.32)	0.02	2.22e-16***	0.08	(0.04,0.12)	0.02	1.62e-04***
Delayed gratification (d)	0.15	(0.11,0.20)	0.02	1.92e-10***	0.03	(-0.01,0.06)	0.02	0.124
Relationship contentment (e)	0.38	(0.33,0.44)	0.03	2.22e-16***	0.15	(0.09,0.20)	0.03	8.02e-08***
Relationship satisfaction (e)	0.37	(0.32,0.43)	0.03	2.22e-16***	0.14	(0.09,0.19)	0.03	1.04e-07***
Financial security (f)	0.39	(0.35,0.43)	0.02	2.22e-16***	0.18	(0.13,0.23)	0.03	1.43e-11***
Material security (f)	0.34	(0.30,0.39)	0.02	2.22e-16***	0.12	(0.07,0.17)	0.02	1.08e-06***
<i>Psychological Well-Being</i>								
Current life evaluation	0.28	(0.22,0.34)	0.03	2.22e-16***	0.04	(-0.00,0.08)	0.02	0.069
Future life evaluation	0.35	(0.30,0.40)	0.03	2.22e-16***	0.09	(0.04,0.14)	0.03	3.17e-04***
Optimism	0.29	(0.23,0.35)	0.03	2.22e-16***	0.07	(0.02,0.12)	0.03	0.007*
Freedom to pursue what's important	0.32	(0.27,0.37)	0.03	2.22e-16***	0.05	(-0.00,0.10)	0.03	0.074
Inner peace	0.15	(0.10,0.19)	0.02	1.2e-11***	-0.06	(-0.10,-0.02)	0.02	2.08e-03**
Life balance	0.24	(0.19,0.28)	0.02	2.22e-16***	0.04	(-0.00,0.08)	0.02	0.051
Sense of mastery	0.17	(0.13,0.22)	0.02	2.33e-15***	0.00	(-0.04,0.04)	0.02	0.912
<i>Psychological Distress</i>								
Traumatic distress	-0.18	(-0.23,-0.14)	0.02	8.88e-16***	-0.01	(-0.05,0.03)	0.02	0.592
Depression symptoms composite	-0.23	(-0.27,-0.19)	0.02	2.22e-16***	0.03	(-0.01,0.07)	0.02	0.133
Depression – feel hopeless	-0.19	(-0.23,-0.15)	0.02	2.22e-16***	0.12	(0.07,0.16)	0.02	5.62e-07***
Depression – loss of interest	-0.18	(-0.23,-0.14)	0.02	6.66e-16***	-0.03	(-0.06,0.01)	0.02	0.183
Anxiety symptoms composite	-0.23	(-0.27,-0.19)	0.02	2.22e-16***	0.02	(-0.03,0.06)	0.02	0.461
Anxiety – feel on edge	-0.21	(-0.25,-0.17)	0.02	2.22e-16***	0.05	(0.00,0.09)	0.02	0.039*
Anxiety – cannot stop worrying	-0.19	(-0.23,-0.15)	0.02	2.22e-16***	0.04	(-0.01,0.08)	0.02	0.110
Suffering	-0.23	(-0.27,-0.19)	0.02	2.22e-16***	0.04	(-0.00,0.08)	0.02	0.056
<i>Social Well-Being</i>								
Social support	0.27	(0.23,0.31)	0.02	2.22e-16***	0.03	(-0.01,0.08)	0.02	0.174
Intimate/close friend	-0.03	(-0.07,0.02)	0.02	0.227	-0.02	(-0.05,0.01)	0.02	0.179
Government approval	0.15	(0.10,0.20)	0.03	2.83e-09***	0.06	(0.02,0.10)	0.02	4.4e-03**
Say in government	0.07	(0.03,0.11)	0.02	1.24e-03**	-0.00	(-0.04,0.03)	0.02	0.792
Belonging in country	0.21	(0.15,0.27)	0.03	1.12e-11***	0.04	(-0.01,0.09)	0.03	0.105
City/place satisfaction	0.07	(0.04,0.11)	0.02	8.67e-05***	0.03	(-0.00,0.06)	0.02	0.079
Trust within country	0.02	(-0.03,0.07)	0.03	0.442	-0.01	(-0.05,0.02)	0.02	0.540
<i>Social Participation</i>								
Ever been married	0.04	(-0.08,0.17)	0.06	0.505	0.08	(-0.03,0.18)	0.05	0.155
Currently divorced	-0.08	(-0.13,-0.03)	0.03	1.23e-03**	-0.02	(-0.06,0.02)	0.02	0.349
Number of children	0.09	(0.04,0.14)	0.02	1.84e-04***	0.04	(0.01,0.08)	0.02	0.017*
Weekly+ community participation	-0.04	(-0.08,-0.00)	0.02	0.035*	-0.02	(-0.05,0.01)	0.02	0.180
Weekly+ religious attendance	0.17	(0.12,0.21)	0.02	3.07e-12***	0.02	(-0.02,0.07)	0.02	0.241
<i>Social Distress</i>								
Loneliness	-0.41	(-0.46,-0.36)	0.02	2.22e-16***	-0.20	(-0.26,-0.15)	0.03	2.35e-13***
Perceived discrimination	-0.15	(-0.20,-0.11)	0.02	1.15e-12***	-0.02	(-0.06,0.01)	0.02	0.252
<i>Character & Prosocial Behavior</i>								
Hope	0.35	(0.31,0.40)	0.02	2.22e-16***	0.12	(0.08,0.17)	0.02	2.29e-07***
Gratitude	0.31	(0.26,0.36)	0.03	2.22e-16***	0.09	(0.04,0.13)	0.02	2.8e-04***
Showing love/care	0.19	(0.15,0.23)	0.02	2.22e-16***	0.01	(-0.03,0.05)	0.02	0.688
Forgivingness	0.11	(0.07,0.16)	0.02	1.42e-06***	0.03	(-0.01,0.06)	0.02	0.161
Charitable giving	0.11	(0.06,0.16)	0.03	9.71e-06***	0.05	(0.01,0.08)	0.02	0.005*
Helping strangers	0.01	(-0.04,0.06)	0.02	0.741	-0.01	(-0.04,0.02)	0.02	0.469
Volunteering	-0.03	(-0.06,0.01)	0.02	0.148	-0.01	(-0.04,0.01)	0.01	0.281
<i>Physical Health & Health Behavior</i>								
Health problems	-0.20	(-0.25,-0.15)	0.02	2.22e-16***	-0.07	(-0.11,-0.02)	0.02	3.12e-03**
Pain in past 4 weeks	-0.24	(-0.28,-0.20)	0.02	2.22e-16***	-0.06	(-0.10,-0.02)	0.02	1.34e-03**
Daily smoker	-0.07	(-0.10,-0.03)	0.02	5.88e-05***	-0.03	(-0.06,-0.01)	0.01	0.012*
Number of drinks per week	-0.03	(-0.07,0.01)	0.02	0.161	0.02	(-0.02,0.06)	0.02	0.332
Days exercise per week	-0.10	(-0.14,-0.06)	0.02	2.47e-06***	-0.09	(-0.12,-0.05)	0.02	3.52e-06***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.02	(-0.06,0.03)	0.02	0.429	-0.01	(-0.04,0.03)	0.02	0.685
Currently employed	0.00	(-0.05,0.05)	0.02	0.939	0.02	(-0.02,0.05)	0.02	0.349
Financially comfortable/getting by	0.18	(0.14,0.22)	0.02	2.22e-16***	0.04	(0.01,0.08)	0.02	0.026*
Own home	0.15	(0.10,0.19)	0.02	9.11e-11***	0.08	(0.05,0.11)	0.02	8.76e-07***
Income – top quintile	0.04	(-0.00,0.09)	0.02	0.055	0.01	(-0.02,0.04)	0.02	0.590
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.15	(0.10,0.20)	0.03	8.36e-09***	0.01	(-0.04,0.05)	0.02	0.768
Belief in life after death	0.04	(-0.02,0.09)	0.03	0.194	-0.02	(-0.06,0.03)	0.02	0.419
Transformative religious experience	-0.09	(-0.13,-0.05)	0.02	2.46e-05***	-0.05	(-0.09,-0.02)	0.02	0.006*
Religious reading or listening	0.11	(0.06,0.17)	0.03	3.21e-05***	0.08	(0.03,0.12)	0.02	1.74e-03**
Prayer or meditation	0.12	(0.07,0.17)	0.03	5.61e-06***	0.06	(0.01,0.10)	0.02	0.021*
Belief in God/gods/spiritual forces	0.06	(-0.01,0.12)	0.03	0.081	-0.01	(-0.06,0.03)	0.02	0.535
Religious centrality	0.05	(-0.01,0.11)	0.03	0.105	0.00	(-0.05,0.05)	0.03	0.951
Religious/spiritual comfort	0.15	(0.09,0.20)	0.03	6e-07***	0.02	(-0.02,0.07)	0.02	0.305
Feel loved by God	0.15	(0.09,0.21)	0.03	1.74e-06***	0.02	(-0.03,0.07)	0.02	0.400
Feel punished by God	0.07	(0.02,0.12)	0.03	4.33e-03**	0.09	(0.05,0.12)	0.02	1.54e-05***
Experienced religious criticism	-0.04	(-0.08,-0.01)	0.02	0.015*	0.03	(-0.00,0.06)	0.02	0.061
Faith-sharing	0.11	(0.06,0.16)	0.03	1.37e-05***	0.03	(-0.00,0.07)	0.02	0.087

Notes. N=3669; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S18h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Israel using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.51	(0.44,0.58)	0.04	2.22e-16***	0.37	(0.28,0.45)	0.04	2.22e-16***
Flourishing index	0.48	(0.40,0.55)	0.04	2.22e-16***	0.26	(0.17,0.35)	0.04	5e-09***
Happiness & life satisfaction	0.37	(0.31,0.44)	0.03	2.22e-16***	0.12	(0.04,0.19)	0.04	1.5e-03**
Physical & mental health	0.33	(0.26,0.41)	0.04	2.22e-16***	0.04	(-0.05,0.14)	0.05	0.380
Meaning & purpose	0.41	(0.34,0.47)	0.03	2.22e-16***	0.19	(0.12,0.25)	0.03	4.91e-08***
Character & virtue	0.20	(0.15,0.26)	0.03	6.93e-14***	0.04	(-0.01,0.08)	0.02	0.087
Close social relationships	0.38	(0.32,0.45)	0.03	2.22e-16***	0.16	(0.09,0.24)	0.04	9.37e-06***
Financial & material security	0.38	(0.32,0.43)	0.03	2.22e-16***	0.20	(0.14,0.26)	0.03	1.15e-10***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.29	(0.21,0.37)	0.04	1.34e-12***	0.06	(-0.00,0.13)	0.03	0.068
Happiness (a)	0.38	(0.32,0.44)	0.03	2.22e-16***	0.14	(0.07,0.20)	0.03	9.57e-05***
Self-rated physical health (b)	0.31	(0.24,0.38)	0.04	2.22e-16***	0.06	(-0.02,0.14)	0.04	0.131
Self-rated mental health (b)	0.29	(0.22,0.35)	0.03	4.44e-16***	-0.00	(-0.08,0.07)	0.04	0.942
Understanding purpose (c)	0.36	(0.30,0.42)	0.03	2.22e-16***	0.16	(0.10,0.22)	0.03	6.08e-08***
Meaningful activities (c)	0.36	(0.29,0.42)	0.03	2.22e-16***	0.12	(0.06,0.19)	0.03	2.37e-04***
Orientation to promote good (d)	0.24	(0.19,0.29)	0.03	2.22e-16***	0.06	(0.02,0.11)	0.02	0.005*
Delayed gratification (d)	0.11	(0.06,0.17)	0.03	4.42e-05***	0.01	(-0.03,0.05)	0.02	0.681
Relationship contentment (e)	0.37	(0.31,0.43)	0.03	2.22e-16***	0.15	(0.07,0.22)	0.04	1.22e-04***
Relationship satisfaction (e)	0.36	(0.30,0.42)	0.03	2.22e-16***	0.13	(0.07,0.20)	0.03	5.23e-05***
Financial security (f)	0.38	(0.32,0.43)	0.03	2.22e-16***	0.19	(0.12,0.26)	0.03	2.14e-08***
Material security (f)	0.32	(0.26,0.38)	0.03	2.22e-16***	0.10	(0.04,0.17)	0.03	1.07e-03**
<i>Psychological Well-Being</i>								
Current life evaluation	0.26	(0.19,0.33)	0.04	2.59e-12***	0.03	(-0.02,0.09)	0.03	0.259
Future life evaluation	0.32	(0.25,0.38)	0.03	2.22e-16***	0.07	(0.00,0.14)	0.04	0.045*
Optimism	0.29	(0.23,0.36)	0.03	2.22e-16***	0.08	(0.01,0.15)	0.04	0.025*
Freedom to pursue what's important	0.30	(0.23,0.37)	0.04	2.22e-16***	0.04	(-0.03,0.11)	0.04	0.253
Inner peace	0.11	(0.06,0.15)	0.02	1.15e-05***	-0.09	(-0.13,-0.04)	0.02	3.6e-04***
Life balance	0.22	(0.16,0.27)	0.03	9.99e-15***	0.02	(-0.03,0.07)	0.03	0.425
Sense of mastery	0.16	(0.11,0.21)	0.03	2.21e-09***	-0.02	(-0.08,0.03)	0.03	0.390
<i>Psychological Distress</i>								
Traumatic distress	-0.17	(-0.23,-0.11)	0.03	4.76e-09***	-0.03	(-0.07,0.02)	0.02	0.284
Depression symptoms composite	-0.20	(-0.26,-0.15)	0.03	3.79e-14***	0.03	(-0.02,0.08)	0.03	0.212
Depression – feel hopeless	-0.17	(-0.23,-0.11)	0.03	2.2e-09***	0.11	(0.05,0.17)	0.03	7.77e-04**
Depression – loss of interest	-0.17	(-0.22,-0.11)	0.03	2.71e-09***	-0.02	(-0.07,0.03)	0.03	0.420
Anxiety symptoms composite	-0.23	(-0.28,-0.17)	0.03	1.89e-15***	-0.02	(-0.08,0.04)	0.03	0.513
Anxiety – feel on edge	-0.20	(-0.26,-0.15)	0.03	5.95e-13***	0.03	(-0.03,0.09)	0.03	0.261
Anxiety – cannot stop worrying	-0.19	(-0.24,-0.14)	0.02	8.22e-15***	-0.01	(-0.07,0.04)	0.03	0.652
Suffering	-0.22	(-0.27,-0.16)	0.03	4.44e-16***	0.03	(-0.02,0.08)	0.03	0.194
<i>Social Well-Being</i>								
Social support	0.26	(0.21,0.31)	0.03	2.22e-16***	0.05	(-0.00,0.11)	0.03	0.060
Intimate/close friend	-0.02	(-0.07,0.03)	0.03	0.434	-0.01	(-0.05,0.03)	0.02	0.600
Government approval	0.14	(0.08,0.20)	0.03	1.68e-06***	0.06	(0.02,0.11)	0.02	0.007*
Say in government	0.05	(0.01,0.10)	0.02	0.026*	-0.01	(-0.04,0.03)	0.02	0.671
Belonging in country	0.19	(0.10,0.27)	0.04	1.61e-05***	0.05	(-0.03,0.12)	0.04	0.228
City/place satisfaction	0.07	(0.02,0.12)	0.02	0.007*	0.04	(-0.01,0.08)	0.02	0.092
Trust within country	0.02	(-0.04,0.09)	0.03	0.453	0.00	(-0.05,0.05)	0.02	0.973
<i>Social Participation</i>								
Ever been married	0.03	(-0.11,0.17)	0.07	0.637	0.05	(-0.07,0.17)	0.06	0.382
Currently divorced	-0.08	(-0.14,-0.02)	0.03	0.011*	0.01	(-0.04,0.07)	0.03	0.573
Number of children	0.07	(0.01,0.13)	0.03	0.019*	0.04	(-0.00,0.08)	0.02	0.065
Weekly+ community participation	-0.02	(-0.07,0.03)	0.03	0.375	-0.01	(-0.05,0.03)	0.02	0.725
Weekly+ religious attendance	0.18	(0.12,0.23)	0.03	8.89e-10***	0.01	(-0.05,0.06)	0.03	0.764
<i>Social Distress</i>								
Loneliness	-0.38	(-0.44,-0.33)	0.03	2.22e-16***	-0.21	(-0.28,-0.13)	0.04	3.02e-08***
Perceived discrimination	-0.18	(-0.23,-0.12)	0.03	6.42e-10***	-0.04	(-0.08,0.01)	0.02	0.095
<i>Character & Prosocial Behavior</i>								
Hope	0.34	(0.28,0.40)	0.03	2.22e-16***	0.12	(0.06,0.17)	0.03	1.42e-04***
Gratitude	0.29	(0.22,0.35)	0.03	2.22e-16***	0.08	(0.02,0.13)	0.03	0.008*
Showing love/care	0.19	(0.14,0.24)	0.03	1.21e-13***	0.03	(-0.02,0.07)	0.02	0.283
Forgivingness	0.11	(0.05,0.16)	0.03	8.05e-05***	0.01	(-0.03,0.06)	0.02	0.609
Charitable giving	0.11	(0.05,0.17)	0.03	4.65e-04***	0.05	(0.00,0.09)	0.02	0.041*
Helping strangers	0.02	(-0.03,0.07)	0.03	0.477	-0.01	(-0.05,0.03)	0.02	0.653
Volunteering	-0.02	(-0.06,0.02)	0.02	0.283	-0.02	(-0.05,0.01)	0.02	0.206
<i>Physical Health & Health Behavior</i>								
Health problems	-0.18	(-0.23,-0.12)	0.03	4.15e-10***	-0.05	(-0.10,0.01)	0.03	0.094
Pain in past 4 weeks	-0.21	(-0.26,-0.16)	0.03	6.66e-16***	-0.01	(-0.06,0.04)	0.03	0.774
Daily smoker	-0.07	(-0.11,-0.03)	0.02	4.15e-04***	-0.03	(-0.07,0.00)	0.02	0.065
Number of drinks per week	-0.01	(-0.06,0.04)	0.02	0.660	0.05	(0.01,0.09)	0.02	0.019*
Days exercise per week	-0.07	(-0.13,-0.02)	0.03	0.010*	-0.07	(-0.12,-0.03)	0.02	1.97e-03**
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.00	(-0.05,0.04)	0.02	0.881	0.01	(-0.03,0.05)	0.02	0.679
Currently employed	-0.01	(-0.06,0.05)	0.03	0.814	0.01	(-0.04,0.05)	0.02	0.772
Financially comfortable/getting by	0.16	(0.11,0.21)	0.03	1.18e-10***	0.03	(-0.02,0.07)	0.02	0.270
Own home	0.16	(0.11,0.20)	0.02	8.91e-12***	0.09	(0.06,0.13)	0.02	1.33e-06***
Income – top quintile	0.04	(-0.01,0.08)	0.02	0.135	0.01	(-0.03,0.05)	0.02	0.568
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.16	(0.10,0.22)	0.03	1.66e-07***	0.00	(-0.05,0.05)	0.03	0.994
Belief in life after death	0.02	(-0.05,0.10)	0.04	0.525	-0.03	(-0.09,0.03)	0.03	0.301
Transformative religious experience	-0.07	(-0.12,-0.02)	0.03	0.010*	-0.05	(-0.10,-0.01)	0.02	0.028*
Religious reading or listening	0.11	(0.04,0.19)	0.04	2.73e-03**	0.06	(-0.01,0.12)	0.03	0.085
Prayer or meditation	0.14	(0.08,0.20)	0.03	7.25e-06***	0.05	(-0.00,0.10)	0.03	0.061
Belief in God/gods/spiritual forces	0.08	(0.00,0.15)	0.04	0.040*	0.00	(-0.06,0.07)	0.03	0.939
Religious centrality	0.04	(-0.03,0.11)	0.04	0.310	-0.02	(-0.08,0.04)	0.03	0.467
Religious/spiritual comfort	0.14	(0.08,0.21)	0.03	3.38e-05***	0.02	(-0.04,0.08)	0.03	0.509
Feel loved by God	0.15	(0.08,0.21)	0.03	1e-05***	0.04	(-0.02,0.10)	0.03	0.209
Feel punished by God	0.09	(0.03,0.15)	0.03	1.91e-03**	0.09	(0.05,0.14)	0.02	2.28e-05***
Experienced religious criticism	-0.04	(-0.08,0.01)	0.02	0.087	0.03	(-0.01,0.08)	0.02	0.141
Faith-sharing	0.11	(0.05,0.17)	0.03	2.26e-04***	0.04	(-0.01,0.08)	0.02	0.138

Notes. N=2490; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S18i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Israel

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.24	2.14	1.97	1.86	2.13	2.00	1.86	1.69
Flourishing index	2.19	2.09	1.76	1.64	2.09	1.94	1.66	1.49
Happiness & life satisfaction	1.82	1.74	1.38	1.29	1.74	1.64	1.33	1.18
Physical & mental health	1.76	1.68	1.26	1.13	1.68	1.56	1.18	1.00
Meaning & purpose	1.87	1.79	1.49	1.40	1.79	1.69	1.44	1.33
Character & virtue	1.55	1.48	1.22	1.12	1.49	1.40	1.17	1.00
Close social relationships	1.69	1.62	1.38	1.29	1.66	1.58	1.37	1.25
Financial & material security	1.60	1.56	1.38	1.32	1.58	1.52	1.37	1.29
Individual Flourishing Index Items								
Life satisfaction	1.59	1.50	1.23	1.12	1.54	1.43	1.20	1.00
Happiness	1.82	1.75	1.40	1.32	1.76	1.66	1.36	1.23
Self-rated physical health	1.64	1.57	1.26	1.17	1.59	1.49	1.21	1.00
Self-rated mental health	1.64	1.57	1.11	1.00	1.56	1.47	1.04	1.00
Understanding purpose	1.73	1.67	1.41	1.34	1.68	1.59	1.38	1.29
Meaningful activities	1.70	1.62	1.33	1.24	1.63	1.54	1.30	1.19
Orientation to promote good	1.61	1.53	1.26	1.17	1.56	1.47	1.24	1.12
Delayed gratification	1.32	1.25	1.11	1.00	1.26	1.18	1.06	1.00
Relationship contentment	1.68	1.61	1.35	1.26	1.65	1.57	1.34	1.22
Relationship satisfaction	1.62	1.55	1.31	1.23	1.59	1.52	1.30	1.20
Financial security	1.57	1.53	1.33	1.27	1.56	1.50	1.35	1.27
Material security	1.52	1.46	1.26	1.19	1.48	1.41	1.23	1.14
Psychological Well-Being								
Current life evaluation	1.57	1.48	1.17	1.00	1.53	1.42	1.15	1.00
Future life evaluation	1.66	1.58	1.27	1.17	1.59	1.50	1.22	1.03
Optimism	1.58	1.50	1.23	1.11	1.57	1.48	1.24	1.07
Freedom to pursue what's important	1.61	1.54	1.18	1.00	1.56	1.47	1.16	1.00
Inner peace	2.31	1.97	1.63	1.31	1.97	1.61	1.81	1.45
Life balance	2.90	2.53	1.44	1.00	2.68	2.27	1.28	1.00
Sense of mastery	2.58	2.21	1.08	1.00	2.42	1.99	1.32	1.00
Psychological Distress								
Traumatic distress	2.21	1.95	1.16	1.00	2.15	1.81	1.29	1.00
Depression symptoms composite	2.68	2.38	1.34	1.00	2.51	2.14	1.36	1.00
Depression – feel hopeless	2.61	2.27	2.03	1.69	2.44	2.00	1.96	1.49
Depression – loss of interest	2.40	2.09	1.32	1.00	2.33	1.93	1.28	1.00
Anxiety symptoms composite	2.92	2.56	1.26	1.00	2.91	2.44	1.27	1.00
Anxiety – feel on edge	2.95	2.53	1.55	1.10	2.90	2.38	1.43	1.00
Anxiety – cannot stop worrying	2.70	2.35	1.43	1.00	2.71	2.28	1.22	1.00
Suffering	2.54	2.27	1.38	1.00	2.45	2.12	1.34	1.00
Social Well-Being								
Social support	1.50	1.44	1.13	1.00	1.48	1.42	1.18	1.00
Intimate/close friend	1.37	1.00	1.31	1.00	1.30	1.00	1.21	1.00
Government approval	1.98	1.71	1.48	1.23	1.93	1.62	1.51	1.22
Say in government	1.54	1.29	1.10	1.00	1.45	1.12	1.14	1.00
Belonging in country	1.37	1.29	1.14	1.00	1.33	1.23	1.14	1.00
City/place satisfaction	1.72	1.44	1.36	1.00	1.67	1.28	1.44	1.00
Trust within country	1.24	1.00	1.17	1.00	1.27	1.00	1.04	1.00
Social Participation								
Ever been married	1.40	1.00	1.60	1.00	1.34	1.00	1.46	1.00
Currently divorced	2.00	1.49	1.36	1.00	1.94	1.32	1.29	1.00
Number of children	1.30	1.19	1.19	1.07	1.26	1.09	1.18	1.00
Weekly+ community participation	1.45	1.09	1.29	1.00	1.29	1.00	1.15	1.00
Weekly+ religious attendance	2.11	1.84	1.28	1.00	2.17	1.84	1.15	1.00
Social Distress								
Loneliness	1.61	1.56	1.37	1.31	1.59	1.52	1.38	1.29
Perceived discrimination	2.17	1.89	1.27	1.00	2.33	1.95	1.40	1.00
Character & Prosocial Behavior								
Hope	1.70	1.63	1.33	1.25	1.67	1.58	1.32	1.20
Gratitude	1.56	1.49	1.24	1.15	1.51	1.42	1.22	1.10
Showing love/care	1.46	1.39	1.07	1.00	1.45	1.36	1.13	1.00
Forgivingness	1.85	1.57	1.29	1.00	1.79	1.48	1.18	1.00
Charitable giving	1.76	1.50	1.41	1.19	1.75	1.42	1.40	1.06
Helping strangers	1.14	1.00	1.18	1.00	1.24	1.00	1.15	1.00
Volunteering	1.31	1.00	1.22	1.00	1.28	1.00	1.27	1.00
Physical Health & Health Behavior								
Health problems	2.80	2.37	1.69	1.32	2.53	2.08	1.52	1.00
Pain in past 4 weeks	2.69	2.40	1.54	1.29	2.49	2.15	1.14	1.00
Daily smoker	1.57	1.36	1.36	1.14	1.60	1.34	1.35	1.00
Number of drinks per week	1.09	1.00	1.07	1.00	1.04	1.00	1.09	1.04
Days exercise per week	1.31	1.22	1.27	1.20	1.25	1.11	1.25	1.14
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.21	1.00	1.13	1.00	1.09	1.00	1.14	1.00
Currently employed	1.06	1.00	1.21	1.00	1.13	1.00	1.13	1.00
Financially comfortable/getting by	2.29	2.03	1.41	1.12	2.18	1.86	1.31	1.00
Own home	1.99	1.74	1.61	1.43	2.05	1.79	1.69	1.47
Income – top quintile	1.44	1.00	1.17	1.00	1.39	1.00	1.20	1.00
Religion & Spirituality								
Religious/spiritual connection	1.97	1.69	1.12	1.00	2.03	1.70	1.02	1.00
Belief in life after death	1.34	1.00	1.22	1.00	1.26	1.00	1.32	1.00
Transformative religious experience	1.70	1.44	1.49	1.22	1.60	1.23	1.49	1.13
Religious reading or listening	1.81	1.50	1.60	1.31	1.81	1.38	1.48	1.00
Prayer or meditation	1.81	1.53	1.46	1.15	1.92	1.59	1.42	1.00
Belief in God/gods/spiritual forces	1.49	1.00	1.21	1.00	1.62	1.09	1.08	1.00
Religious centrality	1.41	1.00	1.06	1.00	1.34	1.00	1.25	1.00
Religious/spiritual comfort	1.96	1.64	1.27	1.00	1.94	1.57	1.23	1.00
Feel loved by God	1.95	1.63	1.24	1.00	1.94	1.59	1.35	1.00
Feel punished by God	1.65	1.29	1.72	1.47	1.72	1.36	1.74	1.47
Experienced religious criticism	1.53	1.19	1.39	1.00	1.48	1.00	1.43	1.00
Faith-sharing	1.75	1.48	1.31	1.00	1.74	1.43	1.34	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S19a. Weighted summary statistics for demographic and childhood variables in Japan

Characteristic	Wave 1 N = 20,543	Wave 2 N = 13,966
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	491 (2.4%)	421 (3.0%)
1943-1953 (current age: 70-79 years)	3,498 (17.0%)	2,605 (18.7%)
1953-1963 (current age: 60-69 years)	3,981 (19.4%)	2,643 (18.9%)
1963-1973 (current age: 50-59 years)	3,621 (17.6%)	2,507 (18.0%)
1973-1983 (current age: 40-49 years)	3,388 (16.5%)	2,340 (16.8%)
1983-1993 (current age: 30-39 years)	2,907 (14.2%)	1,839 (13.2%)
1993-1998 (current age: 25-29 years)	816 (4.0%)	661 (4.7%)
1998-2005 (current age: 18-24 years)	1,841 (9.0%)	950 (6.8%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	51.9	53.1
Standard Deviation	17.4	17.2
Min, Max	18.0, 99.0	19.0, 99.0
<i>Gender, n (%)</i>		
Male	9,772 (47.6%)	6,606 (47.3%)
Female	10,676 (52.0%)	7,309 (52.3%)
Other	28 (0.1%)	17 (0.1%)
(Missing)	67 (0.3%)	34 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	4,934 (24.0%)	3,294 (23.6%)
Married	11,852 (57.7%)	8,119 (58.1%)
Separated	195 (1.0%)	114 (0.8%)
Divorced	2,139 (10.4%)	1,463 (10.5%)
Widowed	1,204 (5.9%)	828 (5.9%)
Domestic partner	155 (0.8%)	110 (0.8%)
(Missing)	63 (0.3%)	37 (0.3%)
<i>Education (years), n (%)</i>		
Up to 8	570 (2.8%)	272 (1.9%)
9-15	14,922 (72.6%)	10,222 (73.2%)
16+	5,051 (24.6%)	3,472 (24.9%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	11,102 (54.0%)	7,441 (53.3%)
Self-employed	1,738 (8.5%)	1,114 (8.0%)
Retired	2,460 (12.0%)	1,857 (13.3%)
Student	556 (2.7%)	235 (1.7%)
Homemaker	1,209 (5.9%)	806 (5.8%)
Unemployed and looking for a job	572 (2.8%)	427 (3.1%)
None of these/Other	2,873 (14.0%)	2,054 (14.7%)
(Missing)	34 (0.2%)	32 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	315 (1.5%)	228 (1.6%)
Once a week	359 (1.7%)	293 (2.1%)
One to three times a month	878 (4.3%)	643 (4.6%)
A few times a year	3,131 (15.2%)	1,950 (14.0%)
Never	15,745 (76.6%)	10,787 (77.2%)
(Missing)	115 (0.6%)	66 (0.5%)
<i>Immigration status, n (%)</i>		
Born in this country	19,540 (95.1%)	13,273 (95.0%)

Table S19a. Weighted summary statistics for demographic and childhood variables in Japan

Characteristic	Wave 1 N = 20,543	Wave 2 N = 13,966
Born in another country	162 (0.8%)	105 (0.8%)
(Missing)	842 (4.1%)	587 (4.2%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	17,659 (86.0%)	12,048 (86.3%)
Parents were divorced	1,158 (5.6%)	783 (5.6%)
Parents were never married	600 (2.9%)	416 (3.0%)
One or both of them had died	756 (3.7%)	496 (3.6%)
Unsure	320 (1.6%)	197 (1.4%)
(Missing)	49 (0.2%)	25 (0.2%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	399 (1.9%)	273 (2.0%)
One to three times a month	891 (4.3%)	595 (4.3%)
Less than once a month	5,033 (24.5%)	3,408 (24.4%)
Never	14,099 (68.6%)	9,624 (68.9%)
(Missing)	122 (0.6%)	67 (0.5%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	5,639 (27.4%)	3,841 (27.5%)
Somewhat good	9,416 (45.8%)	6,430 (46.0%)
Somewhat bad	2,765 (13.5%)	1,856 (13.3%)
Very bad	801 (3.9%)	548 (3.9%)
(Does not apply)	1,856 (9.0%)	1,251 (9.0%)
(Missing)	66 (0.3%)	41 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	4,165 (20.3%)	2,818 (20.2%)
Somewhat good	9,065 (44.1%)	6,182 (44.3%)
Somewhat bad	3,426 (16.7%)	2,321 (16.6%)
Very bad	1,228 (6.0%)	885 (6.3%)
(Does not apply)	2,602 (12.7%)	1,723 (12.3%)
(Missing)	57 (0.3%)	37 (0.3%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,981 (9.6%)	1,337 (9.6%)
No	17,110 (83.3%)	11,662 (83.5%)
(Missing)	1,452 (7.1%)	966 (6.9%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	1,490 (7.3%)	1,009 (7.2%)
No	18,956 (92.3%)	12,896 (92.3%)
(Missing)	97 (0.5%)	61 (0.4%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,757 (13.4%)	1,822 (13.0%)
Very good	7,110 (34.6%)	4,846 (34.7%)
Good	6,668 (32.5%)	4,547 (32.6%)
Fair	3,177 (15.5%)	2,182 (15.6%)
Poor	754 (3.7%)	516 (3.7%)
(Missing)	77 (0.4%)	53 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	8,353 (40.7%)	5,594 (40.1%)
Got by	8,767 (42.7%)	5,979 (42.8%)
Found it difficult	2,397 (11.7%)	1,662 (11.9%)
Found it very difficult	974 (4.7%)	694 (5.0%)
(Missing)	52 (0.3%)	38 (0.3%)

Table S19a. Weighted summary statistics for demographic and childhood variables in Japan

Characteristic	Wave 1 N = 20,543	Wave 2 N = 13,966
<i>Religious affiliation growing up, n (%)</i>		
Christianity	346 (1.7%)	230 (1.6%)
Taoism	16 (0.1%)	6 (0.0%)
Confucianism	24 (0.1%)	16 (0.1%)
Primal, Animist, or Folk religion	13 (0.1%)	4 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	9 (0.0%)	0 (0%)
Hinduism	4 (0.0%)	6 (0.0%)
Buddhism	6,487 (31.6%)	4,454 (31.9%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	7 (0.0%)	6 (0.0%)
Jainism	1 (<0.0%)	2 (0.0%)
Shinto	382 (1.9%)	253 (1.8%)
Some other religion	47 (0.2%)	29 (0.2%)
No religion/Atheist/Agnostic	12,989 (63.2%)	8,830 (63.2%)
(Missing)	217 (1.1%)	132 (0.9%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S19b. Weighted summary statistics for exposure and outcome variables in Japan

Outcome	Wave 1 N = 20,543	Wave 2 N = 13,966
<i>Secure flourishing index</i>		
Mean	5.9	5.7
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	927 (4.5%)	617 (4.4%)
<i>Flourishing index</i>		
Mean	5.9	5.8
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	817 (4.0%)	568 (4.1%)
<i>Happiness & life satisfaction</i>		
Mean	6.2	5.9
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	190 (0.9%)	201 (1.4%)
<i>Physical & mental health</i>		
Mean	6.1	6.0
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	87 (0.4%)	70 (0.5%)
<i>Meaning & purpose</i>		
Mean	5.8	5.7
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	185 (0.9%)	107 (0.8%)
<i>Character & virtue</i>		
Mean	5.7	5.6
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	167 (0.8%)	82 (0.6%)
<i>Close social relationships</i>		
Mean	6.0	5.9
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	300 (1.5%)	199 (1.4%)
<i>Financial & material security</i>		
Mean	5.7	5.5
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	142 (0.7%)	69 (0.5%)
<i>Life satisfaction</i>		
Mean	6.1	5.8
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	122 (0.6%)	160 (1.1%)
<i>Happiness</i>		
Mean	6.2	6.0
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	75 (0.4%)	46 (0.3%)
<i>Self-rated physical health</i>		

Table S19b. Weighted summary statistics for exposure and outcome variables in Japan

Outcome	Wave 1 N = 20,543	Wave 2 N = 13,966
Mean	6.0	5.8
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	60 (0.3%)	44 (0.3%)
<i>Self-rated mental health</i>		
Mean	6.2	6.1
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	33 (0.2%)	31 (0.2%)
<i>Understanding purpose</i>		
Mean	5.7	5.6
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	100 (0.5%)	51 (0.4%)
<i>Meaningful activities</i>		
Mean	6.0	5.8
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	90 (0.4%)	56 (0.4%)
<i>Orientation to promote good</i>		
Mean	6.1	6.0
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	106 (0.5%)	54 (0.4%)
<i>Delayed gratification</i>		
Mean	5.2	5.1
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	78 (0.4%)	38 (0.3%)
<i>Relationship contentment</i>		
Mean	6.0	5.9
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	139 (0.7%)	96 (0.7%)
<i>Relationship satisfaction</i>		
Mean	6.0	5.8
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	178 (0.9%)	115 (0.8%)
<i>Financial security</i>		
Mean	5.5	5.3
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	69 (0.3%)	21 (0.1%)
<i>Material security</i>		
Mean	5.9	5.7
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	81 (0.4%)	49 (0.4%)
<i>Current life evaluation</i>		
Mean	5.9	5.6

Table S19b. Weighted summary statistics for exposure and outcome variables in Japan

Outcome	Wave 1 N = 20,543	Wave 2 N = 13,966
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	80 (0.4%)	57 (0.4%)
<i>Future life evaluation</i>		
Mean	6.0	5.7
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	84 (0.4%)	70 (0.5%)
<i>Optimism</i>		
Mean	6.7	6.7
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (0.2%)	27 (0.2%)
<i>Freedom to pursue what's important</i>		
Mean	6.4	6.4
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	68 (0.3%)	35 (0.3%)
<i>Inner peace, n (%)</i>		
Always	2,373 (11.6%)	1,603 (11.5%)
Often	11,523 (56.1%)	7,443 (53.3%)
Rarely	5,543 (27.0%)	4,069 (29.1%)
Never	998 (4.9%)	774 (5.5%)
(Missing)	106 (0.5%)	78 (0.6%)
<i>Life balance, n (%)</i>		
Always	2,786 (13.6%)	1,880 (13.5%)
Often	12,011 (58.5%)	7,666 (54.9%)
Rarely	4,688 (22.8%)	3,637 (26.0%)
Never	962 (4.7%)	727 (5.2%)
(Missing)	95 (0.5%)	56 (0.4%)
<i>Sense of mastery, n (%)</i>		
Always	608 (3.0%)	452 (3.2%)
Often	7,435 (36.2%)	4,723 (33.8%)
Rarely	9,870 (48.0%)	6,751 (48.3%)
Never	2,465 (12.0%)	1,945 (13.9%)
(Missing)	166 (0.8%)	96 (0.7%)
<i>Traumatic distress, n (%)</i>		
A lot	1,213 (5.9%)	862 (6.2%)
Some	4,627 (22.5%)	3,362 (24.1%)
Not very much	9,020 (43.9%)	6,129 (43.9%)
Not at all	5,615 (27.3%)	3,586 (25.7%)
(Missing)	67 (0.3%)	28 (0.2%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	4,390 (21.6%)	3,151 (22.8%)
	188 (0.9%)	122 (0.9%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	1,141 (5.6%)	814 (5.8%)
More than half the days	2,303 (11.2%)	1,621 (11.6%)
Several days	6,052 (29.5%)	3,989 (28.6%)
Not at all	10,943 (53.3%)	7,475 (53.5%)
(Missing)	104 (0.5%)	66 (0.5%)
<i>Depression – loss of interest, n (%)</i>		

Table S19b. Weighted summary statistics for exposure and outcome variables in Japan

Outcome	Wave 1 N = 20,543	Wave 2 N = 13,966
Nearly every day	1,202 (5.9%)	860 (6.2%)
More than half the days	3,040 (14.8%)	2,192 (15.7%)
Several days	5,753 (28.0%)	3,993 (28.6%)
Not at all	10,456 (50.9%)	6,861 (49.1%)
(Missing)	92 (0.4%)	61 (0.4%)
<i>Anxiety symptoms composite, n (%)</i>	3,814 (18.7%)	2,781 (20.1%)
(Missing)	173 (0.8%)	149 (1.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	1,368 (6.7%)	986 (7.1%)
More than half the days	2,550 (12.4%)	1,854 (13.3%)
Several days	7,347 (35.8%)	4,978 (35.6%)
Not at all	9,151 (44.5%)	6,034 (43.2%)
(Missing)	127 (0.6%)	114 (0.8%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	821 (4.0%)	583 (4.2%)
More than half the days	1,844 (9.0%)	1,271 (9.1%)
Several days	4,606 (22.4%)	3,227 (23.1%)
Not at all	13,219 (64.3%)	8,846 (63.3%)
(Missing)	54 (0.3%)	39 (0.3%)
<i>Suffering, n (%)</i>		
A lot	1,289 (6.3%)	987 (7.1%)
Some	6,267 (30.5%)	4,533 (32.5%)
Not very much	9,683 (47.1%)	6,309 (45.2%)
Not at all	3,223 (15.7%)	2,064 (14.8%)
(Missing)	80 (0.4%)	73 (0.5%)
<i>Social support</i>		
Mean	5.3	5.3
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	79 (0.4%)	58 (0.4%)
<i>Intimate/close friend, n (%)</i>		
Yes	13,815 (67.3%)	9,428 (67.5%)
No	6,619 (32.2%)	4,474 (32.0%)
(Missing)	109 (0.5%)	65 (0.5%)
<i>Government approval, n (%)</i>		
Strongly approve	251 (1.2%)	150 (1.1%)
Somewhat approve	3,700 (18.0%)	1,841 (13.2%)
Neither approve nor disapprove	8,450 (41.1%)	5,003 (35.8%)
Somewhat disapprove	5,407 (26.3%)	4,312 (30.9%)
Strongly disapprove	2,638 (12.8%)	2,604 (18.6%)
(Missing)	97 (0.5%)	56 (0.4%)
<i>Say in government, n (%)</i>		
Agree	4,448 (21.7%)	3,321 (23.8%)
Disagree	8,128 (39.6%)	5,876 (42.1%)
Unsure	7,885 (38.4%)	4,745 (34.0%)
(Missing)	82 (0.4%)	23 (0.2%)
<i>Belonging in country</i>		
Mean	6.0	6.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	118 (0.6%)	116 (0.8%)

Table S19b. Weighted summary statistics for exposure and outcome variables in Japan

Outcome	Wave 1 N = 20,543	Wave 2 N = 13,966
<i>City/place satisfaction, n (%)</i>		
Satisfied	11,476 (55.9%)	7,449 (53.3%)
Dissatisfied	3,648 (17.8%)	2,901 (20.8%)
Unsure	5,259 (25.6%)	3,511 (25.1%)
(Missing)	161 (0.8%)	105 (0.8%)
<i>Trust within country, n (%)</i>		
All people	133 (0.6%)	65 (0.5%)
Most people	5,952 (29.0%)	3,805 (27.2%)
Some people	8,832 (43.0%)	5,984 (42.8%)
Not very many people	4,697 (22.9%)	3,361 (24.1%)
None	821 (4.0%)	696 (5.0%)
(Missing)	108 (0.5%)	54 (0.4%)
<i>Number of children</i>		
Mean	0.4	0.3
Standard Deviation	1.5	0.9
Min, Max	0.0, 97.0	0.0, 36.0
(Missing)	136 (0.7%)	719 (5.1%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	873 (4.3%)	600 (4.3%)
Once a week	1,011 (4.9%)	732 (5.2%)
One to three times a month	1,538 (7.5%)	1,087 (7.8%)
A few times a year	2,238 (10.9%)	1,535 (11.0%)
Never	14,819 (72.1%)	9,965 (71.3%)
(Missing)	65 (0.3%)	49 (0.3%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	315 (1.5%)	228 (1.6%)
Once a week	359 (1.7%)	293 (2.1%)
One to three times a month	878 (4.3%)	643 (4.6%)
A few times a year	3,131 (15.2%)	1,950 (14.0%)
Never	15,745 (76.6%)	10,787 (77.2%)
(Missing)	115 (0.6%)	66 (0.5%)
<i>Loneliness</i>		
Mean	4.0	4.2
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.2%)	20 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	431 (2.1%)	289 (2.1%)
Often	2,923 (14.2%)	2,140 (15.3%)
Rarely	9,251 (45.0%)	6,525 (46.7%)
Never	7,837 (38.1%)	4,988 (35.7%)
(Missing)	101 (0.5%)	24 (0.2%)
<i>Hope</i>		
Mean	6.0	5.9
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	110 (0.5%)	63 (0.5%)
<i>Gratitude</i>		
Mean	5.8	5.9
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0

Table S19b. Weighted summary statistics for exposure and outcome variables in Japan

Outcome	Wave 1 N = 20,543	Wave 2 N = 13,966
(Missing)	122 (0.6%)	80 (0.6%)
<i>Showing love/care</i>		
Mean	6.0	6.0
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	43 (0.2%)	33 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	1,609 (7.8%)	837 (6.0%)
Often	10,069 (49.0%)	6,110 (43.7%)
Rarely	7,051 (34.3%)	5,399 (38.7%)
Never	1,708 (8.3%)	1,562 (11.2%)
(Missing)	105 (0.5%)	58 (0.4%)
<i>Charitable giving, n (%)</i>		
Yes	1,962 (9.6%)	1,633 (11.7%)
No	18,455 (89.8%)	12,239 (87.6%)
(Missing)	126 (0.6%)	95 (0.7%)
<i>Helping strangers, n (%)</i>		
Yes	2,384 (11.6%)	1,677 (12.0%)
No	18,126 (88.2%)	12,259 (87.8%)
(Missing)	34 (0.2%)	30 (0.2%)
<i>Volunteering, n (%)</i>		
Yes	1,810 (8.8%)	1,246 (8.9%)
No	18,619 (90.6%)	12,659 (90.6%)
(Missing)	114 (0.6%)	62 (0.4%)
<i>Health problems, n (%)</i>		
Yes	3,572 (17.4%)	2,603 (18.6%)
No	16,925 (82.4%)	11,328 (81.1%)
(Missing)	46 (0.2%)	35 (0.2%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	641 (3.1%)	489 (3.5%)
Some	6,101 (29.7%)	4,428 (31.7%)
Not very much	9,080 (44.2%)	6,053 (43.3%)
None at all	4,659 (22.7%)	2,953 (21.1%)
(Missing)	63 (0.3%)	44 (0.3%)
<i>Number of drinks per week</i>		
Mean	3.1	3.3
Standard Deviation	7.2	7.0
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	153 (0.7%)	85 (0.6%)
<i>Days exercise per week</i>		
Mean	2.0	2.0
Standard Deviation	2.4	2.4
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	38 (0.2%)	8 (<0.1%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	570 (2.8%)	272 (1.9%)
9-15	14,922 (72.6%)	10,222 (73.2%)
16+	5,051 (24.6%)	3,472 (24.9%)
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	11,102 (54.0%)	7,441 (53.3%)

Table S19b. Weighted summary statistics for exposure and outcome variables in Japan

Outcome	Wave 1 N = 20,543	Wave 2 N = 13,966
Self-employed	1,738 (8.5%)	1,114 (8.0%)
Retired	2,460 (12.0%)	1,857 (13.3%)
Student	556 (2.7%)	235 (1.7%)
Homemaker	1,209 (5.9%)	806 (5.8%)
Unemployed and looking for a job	572 (2.8%)	427 (3.1%)
None of these/Other	2,873 (14.0%)	2,054 (14.7%)
(Missing)	34 (0.2%)	32 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	4,329 (21.1%)	2,912 (20.9%)
Getting by on present income	11,772 (57.3%)	7,964 (57.0%)
Finding it difficult on present income	2,927 (14.2%)	2,039 (14.6%)
Finding it very difficult on present income	1,419 (6.9%)	1,019 (7.3%)
(Missing)	96 (0.5%)	32 (0.2%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	11,020 (53.6%)	8,434 (60.4%)
Someone in this household rents this home	2,995 (14.6%)	2,762 (19.8%)
Both	392 (1.9%)	377 (2.7%)
Neither	6,007 (29.2%)	2,366 (16.9%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	128 (0.6%)	26 (0.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	852 (4.1%)	657 (4.7%)
Often	3,843 (18.7%)	2,472 (17.7%)
Rarely	8,583 (41.8%)	5,161 (37.0%)
Never	7,224 (35.2%)	5,645 (40.4%)
(Missing)	41 (0.2%)	31 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	4,230 (20.6%)	2,804 (20.1%)
No	6,688 (32.6%)	4,939 (35.4%)
Unsure	9,514 (46.3%)	6,152 (44.0%)
(Missing)	111 (0.5%)	71 (0.5%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,610 (7.8%)	1,133 (8.1%)
No	18,843 (91.7%)	12,781 (91.5%)
(Missing)	90 (0.4%)	53 (0.4%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	149 (0.7%)	88 (0.6%)
About once a day	588 (2.9%)	404 (2.9%)
Sometimes	2,876 (14.0%)	1,837 (13.2%)
Never	16,801 (81.8%)	11,583 (82.9%)
(Missing)	128 (0.6%)	53 (0.4%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	530 (2.6%)	426 (3.0%)
About once a day	1,474 (7.2%)	1,044 (7.5%)
Sometimes	4,307 (21.0%)	2,682 (19.2%)
Never	14,170 (69.0%)	9,779 (70.0%)
(Missing)	62 (0.3%)	35 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	569 (2.8%)	420 (3.0%)

Table S19b. Weighted summary statistics for exposure and outcome variables in Japan

Outcome	Wave 1 N = 20,543	Wave 2 N = 13,966
More than one god	1,923 (9.4%)	1,433 (10.3%)
An impersonal spiritual force	1,621 (7.9%)	1,179 (8.4%)
None of these	10,112 (49.2%)	7,152 (51.2%)
Unsure	6,269 (30.5%)	3,742 (26.8%)
(Missing)	50 (0.2%)	40 (0.3%)
<i>Religious centrality, n (%)</i>		
Agree	1,527 (7.4%)	1,083 (7.8%)
Disagree	4,997 (24.3%)	3,192 (22.9%)
Not relevant	10,060 (49.0%)	7,128 (51.0%)
Unsure	3,876 (18.9%)	2,516 (18.0%)
(Missing)	84 (0.4%)	47 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,481 (7.2%)	1,054 (7.5%)
Disagree	5,725 (27.9%)	3,614 (25.9%)
Not relevant	9,770 (47.6%)	7,083 (50.7%)
Unsure	3,427 (16.7%)	2,145 (15.4%)
(Missing)	139 (0.7%)	71 (0.5%)
<i>Feel loved by God, n (%)</i>		
Agree	2,137 (10.4%)	1,598 (11.4%)
Disagree	5,241 (25.5%)	3,442 (24.6%)
Not relevant	9,126 (44.4%)	6,380 (45.7%)
Unsure	3,841 (18.7%)	2,419 (17.3%)
(Missing)	199 (1.0%)	126 (0.9%)
<i>Feel punished by God, n (%)</i>		
Agree	521 (2.5%)	390 (2.8%)
Disagree	7,181 (35.0%)	4,850 (34.7%)
Not relevant	9,300 (45.3%)	6,551 (46.9%)
Unsure	3,358 (16.3%)	2,047 (14.7%)
(Missing)	183 (0.9%)	129 (0.9%)
<i>Experienced religious criticism, n (%)</i>		
Agree	273 (1.3%)	206 (1.5%)
Disagree	5,777 (28.1%)	3,652 (26.2%)
Not relevant	11,473 (55.8%)	8,201 (58.7%)
Unsure	2,855 (13.9%)	1,805 (12.9%)
(Missing)	165 (0.8%)	103 (0.7%)
<i>Faith-sharing, n (%)</i>		
Agree	796 (3.9%)	601 (4.3%)
Disagree	5,874 (28.6%)	3,863 (27.7%)
Not relevant	10,901 (53.1%)	7,697 (55.1%)
Unsure	2,861 (13.9%)	1,761 (12.6%)
(Missing)	112 (0.5%)	44 (0.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S19c. Unweighted summary statistics for demographic and childhood variables in Japan by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 6,557	Retained-Observed in Wave 2 N = 14,066
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	136 (2.1%)	358 (2.5%)
1943-1953 (current age: 70-79 years)	831 (12.7%)	2,699 (19.2%)
1953-1963 (current age: 60-69 years)	1,013 (15.4%)	3,000 (21.3%)
1963-1973 (current age: 50-59 years)	840 (12.8%)	2,815 (20.0%)
1973-1983 (current age: 40-49 years)	948 (14.5%)	2,462 (17.5%)
1983-1993 (current age: 30-39 years)	1,202 (18.3%)	1,700 (12.1%)
1993-1998 (current age: 25-29 years)	428 (6.5%)	380 (2.7%)
1998-2005 (current age: 18-24 years)	1,159 (17.7%)	652 (4.6%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	46.3	54.7
Standard Deviation	18.7	15.9
Min, Max	18.0, 99.0	18.0, 99.0
<i>Gender, n (%)</i>		
Male	2,944 (44.9%)	6,877 (48.9%)
Female	3,565 (54.4%)	7,142 (50.8%)
Other	14 (0.2%)	14 (0.1%)
(Missing)	34 (0.5%)	33 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	2,050 (31.3%)	2,873 (20.4%)
Married	3,370 (51.4%)	8,554 (60.8%)
Separated	73 (1.1%)	122 (0.9%)
Divorced	595 (9.1%)	1,558 (11.1%)
Widowed	372 (5.7%)	837 (6.0%)
Domestic partner	82 (1.2%)	72 (0.5%)
(Missing)	15 (0.2%)	49 (0.3%)
<i>Education (years), n (%)</i>		
Up to 8	198 (3.0%)	373 (2.7%)
9-15	4,545 (69.3%)	10,448 (74.3%)
16+	1,814 (27.7%)	3,244 (23.1%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	3,702 (56.5%)	7,433 (52.8%)
Self-employed	503 (7.7%)	1,245 (8.9%)
Retired	529 (8.1%)	1,957 (13.9%)
Student	369 (5.6%)	177 (1.3%)
Homemaker	380 (5.8%)	834 (5.9%)
Unemployed and looking for a job	196 (3.0%)	377 (2.7%)
None of these/Other	863 (13.2%)	2,024 (14.4%)
(Missing)	16 (0.2%)	19 (0.1%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	104 (1.6%)	212 (1.5%)
Once a week	155 (2.4%)	203 (1.4%)
One to three times a month	347 (5.3%)	530 (3.8%)
A few times a year	1,017 (15.5%)	2,124 (15.1%)
Never	4,900 (74.7%)	10,914 (77.6%)
(Missing)	33 (0.5%)	82 (0.6%)
<i>Immigration status, n (%)</i>		

Table S19c. Unweighted summary statistics for demographic and childhood variables in Japan by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 6,557	Retained-Observed in Wave 2 N = 14,066
Born in this country	6,126 (93.4%)	13,496 (95.9%)
Born in another country	70 (1.1%)	91 (0.6%)
(Missing)	360 (5.5%)	479 (3.4%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	5,459 (83.3%)	12,279 (87.3%)
Parents were divorced	444 (6.8%)	713 (5.1%)
Parents were never married	241 (3.7%)	359 (2.6%)
One or both of them had died	244 (3.7%)	515 (3.7%)
Unsure	143 (2.2%)	175 (1.2%)
(Missing)	25 (0.4%)	24 (0.2%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	128 (1.9%)	273 (1.9%)
One to three times a month	327 (5.0%)	565 (4.0%)
Less than once a month	1,651 (25.2%)	3,399 (24.2%)
Never	4,400 (67.1%)	9,759 (69.4%)
(Missing)	51 (0.8%)	70 (0.5%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	1,771 (27.0%)	3,891 (27.7%)
Somewhat good	2,895 (44.2%)	6,564 (46.7%)
Somewhat bad	958 (14.6%)	1,813 (12.9%)
Very bad	265 (4.0%)	539 (3.8%)
(Does not apply)	643 (9.8%)	1,217 (8.7%)
(Missing)	25 (0.4%)	41 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,339 (20.4%)	2,842 (20.2%)
Somewhat good	2,806 (42.8%)	6,300 (44.8%)
Somewhat bad	1,102 (16.8%)	2,337 (16.6%)
Very bad	376 (5.7%)	858 (6.1%)
(Does not apply)	914 (13.9%)	1,693 (12.0%)
(Missing)	21 (0.3%)	37 (0.3%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	711 (10.8%)	1,272 (9.0%)
No	5,341 (81.5%)	11,842 (84.2%)
(Missing)	504 (7.7%)	951 (6.8%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	519 (7.9%)	974 (6.9%)
No	6,003 (91.6%)	13,029 (92.6%)
(Missing)	35 (0.5%)	62 (0.4%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	974 (14.9%)	1,788 (12.7%)
Very good	2,179 (33.2%)	4,964 (35.3%)
Good	2,096 (32.0%)	4,600 (32.7%)
Fair	1,018 (15.5%)	2,171 (15.4%)
Poor	269 (4.1%)	486 (3.5%)
(Missing)	21 (0.3%)	57 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	2,887 (44.0%)	5,484 (39.0%)

Table S19c. Unweighted summary statistics for demographic and childhood variables in Japan by retention status

Characteristic	Attriters-Not Observed in	Retained-Observed in
	Wave 2 N = 6,557	Wave 2 N = 14,066
Got by	2,679 (40.9%)	6,129 (43.6%)
Found it difficult	704 (10.7%)	1,706 (12.1%)
Found it very difficult	272 (4.1%)	709 (5.0%)
(Missing)	15 (0.2%)	37 (0.3%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	119 (1.8%)	228 (1.6%)
Taoism	9 (0.1%)	6 (0.0%)
Confucianism	8 (0.1%)	16 (0.1%)
Primal, Animist, or Folk religion	9 (0.1%)	4 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	9 (0.1%)	0 (0%)
Hinduism	1 (0.0%)	3 (0.0%)
Buddhism	1,868 (28.5%)	4,656 (33.1%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	4 (0.1%)	3 (0.0%)
Jainism	0 (<0.0%)	1 (<0.0%)
Shinto	136 (2.1%)	246 (1.7%)
Some other religion	19 (0.3%)	29 (0.2%)
No religion/Atheist/Agnostic	4,280 (65.3%)	8,751 (62.2%)
(Missing)	93 (1.4%)	123 (0.9%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S19d. Unweighted summary statistics for Wave 1 outcome variables in Japan by retention status.

Outcome	Attritors–NotRetained–Observed in	
	Observed in Wave 2 N = 6,557	Wave 2 N = 14,066
<i>Secure flourishing index</i>		
Mean	5.9	5.9
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	251 (3.8%)	682 (4.8%)
<i>Flourishing index</i>		
Mean	6.0	5.9
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	215 (3.3%)	608 (4.3%)
<i>Happiness & life satisfaction</i>		
Mean	6.2	6.1
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	47 (0.7%)	144 (1.0%)
<i>Physical & mental health</i>		
Mean	6.1	6.1
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.4%)	64 (0.5%)
<i>Meaning & purpose</i>		
Mean	5.8	5.8
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	52 (0.8%)	134 (1.0%)
<i>Character & virtue</i>		
Mean	5.6	5.7
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	44 (0.7%)	124 (0.9%)
<i>Close social relationships</i>		
Mean	6.0	6.0
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	80 (1.2%)	223 (1.6%)
<i>Financial & material security</i>		
Mean	5.6	5.8
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (0.8%)	92 (0.7%)
<i>Life satisfaction</i>		
Mean	6.1	6.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.4%)	95 (0.7%)
<i>Happiness</i>		
Mean	6.3	6.2
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0

Table S19d. Unweighted summary statistics for Wave 1 outcome variables in Japan by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 6,557	N = 14,066
(Missing)	22 (0.3%)	54 (0.4%)
<i>Self-rated physical health</i>		
Mean	6.0	6.0
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.3%)	43 (0.3%)
<i>Self-rated mental health</i>		
Mean	6.2	6.3
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.1%)	25 (0.2%)
<i>Understanding purpose</i>		
Mean	5.7	5.7
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.4%)	73 (0.5%)
<i>Meaningful activities</i>		
Mean	6.0	6.0
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (0.4%)	64 (0.5%)
<i>Orientation to promote good</i>		
Mean	6.1	6.1
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.4%)	83 (0.6%)
<i>Delayed gratification</i>		
Mean	5.2	5.2
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.4%)	51 (0.4%)
<i>Relationship contentment</i>		
Mean	6.0	6.0
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (0.6%)	100 (0.7%)
<i>Relationship satisfaction</i>		
Mean	6.0	5.9
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (0.7%)	134 (1.0%)
<i>Financial security</i>		
Mean	5.4	5.6
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	25 (0.4%)	43 (0.3%)
<i>Material security</i>		
Mean	5.8	5.9
Standard Deviation	2.7	2.6

Table S19d. Unweighted summary statistics for Wave 1 outcome variables in Japan by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 6,557	Wave 2 N = 14,066
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.4%)	52 (0.4%)
<i>Current life evaluation</i>		
Mean	5.9	5.9
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	25 (0.4%)	55 (0.4%)
<i>Future life evaluation</i>		
Mean	6.2	6.0
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	39 (0.6%)	45 (0.3%)
<i>Optimism</i>		
Mean	6.7	6.8
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	32 (0.2%)
<i>Freedom to pursue what's important</i>		
Mean	6.4	6.4
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.3%)	47 (0.3%)
<i>Inner peace, n (%)</i>		
Always	720 (11.0%)	1,665 (11.8%)
Often	3,690 (56.3%)	7,877 (56.0%)
Rarely	1,764 (26.9%)	3,801 (27.0%)
Never	349 (5.3%)	651 (4.6%)
(Missing)	34 (0.5%)	72 (0.5%)
<i>Life balance, n (%)</i>		
Always	828 (12.6%)	1,973 (14.0%)
Often	3,880 (59.2%)	8,175 (58.1%)
Rarely	1,499 (22.9%)	3,207 (22.8%)
Never	323 (4.9%)	642 (4.6%)
(Missing)	27 (0.4%)	69 (0.5%)
<i>Sense of mastery, n (%)</i>		
Always	240 (3.7%)	367 (2.6%)
Often	2,327 (35.5%)	5,139 (36.5%)
Rarely	3,116 (47.5%)	6,795 (48.3%)
Never	828 (12.6%)	1,643 (11.7%)
(Missing)	46 (0.7%)	121 (0.9%)
<i>Traumatic distress, n (%)</i>		
A lot	477 (7.3%)	736 (5.2%)
Some	1,583 (24.1%)	3,055 (21.7%)
Not very much	2,743 (41.8%)	6,321 (44.9%)
Not at all	1,724 (26.3%)	3,917 (27.8%)
(Missing)	30 (0.5%)	36 (0.3%)
<i>Depression symptoms composite, n (%)</i>	1,517 (23.3%)	2,883 (20.7%)
(Missing)	57 (0.9%)	131 (0.9%)
<i>Depression – feel hopeless, n (%)</i>		

Table S19d. Unweighted summary statistics for Wave 1 outcome variables in Japan by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 6,557	N = 14,066
Nearly every day	426 (6.5%)	716 (5.1%)
More than half the days	806 (12.3%)	1,502 (10.7%)
Several days	2,086 (31.8%)	3,980 (28.3%)
Not at all	3,210 (49.0%)	7,793 (55.4%)
(Missing)	30 (0.5%)	75 (0.5%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	397 (6.1%)	809 (5.7%)
More than half the days	1,043 (15.9%)	2,004 (14.2%)
Several days	1,913 (29.2%)	3,857 (27.4%)
Not at all	3,174 (48.4%)	7,333 (52.1%)
(Missing)	30 (0.5%)	62 (0.4%)
<i>Anxiety symptoms composite, n (%)</i>	1,429 (22.0%)	2,386 (17.1%)
(Missing)	49 (0.7%)	126 (0.9%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	514 (7.8%)	854 (6.1%)
More than half the days	923 (14.1%)	1,629 (11.6%)
Several days	2,460 (37.5%)	4,908 (34.9%)
Not at all	2,625 (40.0%)	6,581 (46.8%)
(Missing)	34 (0.5%)	94 (0.7%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	343 (5.2%)	476 (3.4%)
More than half the days	702 (10.7%)	1,142 (8.1%)
Several days	1,644 (25.1%)	2,968 (21.1%)
Not at all	3,852 (58.7%)	9,441 (67.1%)
(Missing)	16 (0.2%)	38 (0.3%)
<i>Suffering, n (%)</i>		
A lot	439 (6.7%)	853 (6.1%)
Some	2,023 (30.9%)	4,267 (30.3%)
Not very much	3,045 (46.4%)	6,678 (47.5%)
Not at all	1,029 (15.7%)	2,206 (15.7%)
(Missing)	20 (0.3%)	61 (0.4%)
<i>Social support</i>		
Mean	5.5	5.2
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.4%)	56 (0.4%)
<i>Intimate/close friend, n (%)</i>		
Yes	4,523 (69.0%)	9,338 (66.4%)
No	1,989 (30.3%)	4,663 (33.2%)
(Missing)	44 (0.7%)	64 (0.5%)
<i>Government approval, n (%)</i>		
Strongly approve	99 (1.5%)	151 (1.1%)
Somewhat approve	1,125 (17.2%)	2,593 (18.4%)
Neither approve nor disapprove	2,864 (43.7%)	5,608 (39.9%)
Somewhat disapprove	1,584 (24.2%)	3,853 (27.4%)
Strongly disapprove	851 (13.0%)	1,796 (12.8%)
(Missing)	33 (0.5%)	65 (0.5%)
<i>Say in government, n (%)</i>		
Agree	1,324 (20.2%)	3,147 (22.4%)

Table S19d. Unweighted summary statistics for Wave 1 outcome variables in Japan by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 6,557	N = 14,066
Disagree	2,608 (39.8%)	5,551 (39.5%)
Unsure	2,594 (39.6%)	5,316 (37.8%)
(Missing)	31 (0.5%)	51 (0.4%)
<i>Belonging in country</i>		
Mean	6.0	6.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (0.6%)	79 (0.6%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	3,549 (54.1%)	7,979 (56.7%)
Dissatisfied	1,157 (17.6%)	2,505 (17.8%)
Unsure	1,797 (27.4%)	3,474 (24.7%)
(Missing)	54 (0.8%)	107 (0.8%)
<i>Trust within country, n (%)</i>		
All people	60 (0.9%)	72 (0.5%)
Most people	1,683 (25.7%)	4,305 (30.6%)
Some people	2,921 (44.5%)	5,939 (42.2%)
Not very many people	1,559 (23.8%)	3,152 (22.4%)
None	299 (4.6%)	523 (3.7%)
(Missing)	34 (0.5%)	74 (0.5%)
<i>Number of children</i>		
Mean	0.5	0.4
Standard Deviation	1.2	1.6
Min, Max	0.0, 21.0	0.0, 97.0
(Missing)	50 (0.8%)	86 (0.6%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	301 (4.6%)	575 (4.1%)
Once a week	381 (5.8%)	630 (4.5%)
One to three times a month	533 (8.1%)	1,009 (7.2%)
A few times a year	748 (11.4%)	1,496 (10.6%)
Never	4,574 (69.8%)	10,311 (73.3%)
(Missing)	21 (0.3%)	44 (0.3%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	104 (1.6%)	212 (1.5%)
Once a week	155 (2.4%)	203 (1.4%)
One to three times a month	347 (5.3%)	530 (3.8%)
A few times a year	1,017 (15.5%)	2,124 (15.1%)
Never	4,900 (74.7%)	10,914 (77.6%)
(Missing)	33 (0.5%)	82 (0.6%)
<i>Loneliness</i>		
Mean	4.1	4.0
Standard Deviation	2.6	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (<0.1%)	32 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	177 (2.7%)	253 (1.8%)
Often	996 (15.2%)	1,935 (13.8%)
Rarely	2,860 (43.6%)	6,433 (45.7%)
Never	2,489 (38.0%)	5,379 (38.2%)

Table S19d. Unweighted summary statistics for Wave 1 outcome variables in Japan by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 6,557	N = 14,066
(Missing)	35 (0.5%)	67 (0.5%)
<i>Hope</i>		
Mean	6.0	5.9
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	35 (0.5%)	76 (0.5%)
<i>Gratitude</i>		
Mean	5.9	5.8
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.6%)	85 (0.6%)
<i>Showing love/care</i>		
Mean	6.0	5.9
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	31 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	594 (9.1%)	1,015 (7.2%)
Often	3,202 (48.8%)	6,907 (49.1%)
Rarely	2,146 (32.7%)	4,940 (35.1%)
Never	565 (8.6%)	1,149 (8.2%)
(Missing)	49 (0.8%)	55 (0.4%)
<i>Charitable giving, n (%)</i>		
Yes	662 (10.1%)	1,305 (9.3%)
No	5,858 (89.3%)	12,670 (90.1%)
(Missing)	37 (0.6%)	90 (0.6%)
<i>Helping strangers, n (%)</i>		
Yes	868 (13.2%)	1,518 (10.8%)
No	5,678 (86.6%)	12,524 (89.0%)
(Missing)	11 (0.2%)	23 (0.2%)
<i>Volunteering, n (%)</i>		
Yes	604 (9.2%)	1,212 (8.6%)
No	5,918 (90.3%)	12,774 (90.8%)
(Missing)	35 (0.5%)	80 (0.6%)
<i>Health problems, n (%)</i>		
Yes	1,162 (17.7%)	2,422 (17.2%)
No	5,383 (82.1%)	11,608 (82.5%)
(Missing)	11 (0.2%)	35 (0.2%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	220 (3.4%)	422 (3.0%)
Some	1,890 (28.8%)	4,238 (30.1%)
Not very much	2,914 (44.4%)	6,199 (44.1%)
None at all	1,517 (23.1%)	3,158 (22.5%)
(Missing)	16 (0.2%)	47 (0.3%)
<i>Number of drinks per week</i>		
Mean	2.8	3.3
Standard Deviation	7.3	7.2
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	50 (0.8%)	104 (0.7%)

Table S19d. Unweighted summary statistics for Wave 1 outcome variables in Japan by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 6,557	Wave 2 N = 14,066
<i>Days exercise per week</i>		
Mean	2.0	2.1
Standard Deviation	2.4	2.5
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	14 (0.2%)	24 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	198 (3.0%)	373 (2.7%)
9-15	4,545 (69.3%)	10,448 (74.3%)
16+	1,814 (27.7%)	3,244 (23.1%)
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	3,702 (56.5%)	7,433 (52.8%)
Self-employed	503 (7.7%)	1,245 (8.9%)
Retired	529 (8.1%)	1,957 (13.9%)
Student	369 (5.6%)	177 (1.3%)
Homemaker	380 (5.8%)	834 (5.9%)
Unemployed and looking for a job	196 (3.0%)	377 (2.7%)
None of these/Other	863 (13.2%)	2,024 (14.4%)
(Missing)	16 (0.2%)	19 (0.1%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,470 (22.4%)	2,870 (20.4%)
Getting by on present income	3,629 (55.3%)	8,197 (58.3%)
Finding it difficult on present income	917 (14.0%)	2,022 (14.4%)
Finding it very difficult on present income	497 (7.6%)	925 (6.6%)
(Missing)	44 (0.7%)	52 (0.4%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	3,177 (48.5%)	7,907 (56.2%)
Someone in this household rents this home	1,083 (16.5%)	1,916 (13.6%)
Both	156 (2.4%)	236 (1.7%)
Neither	2,085 (31.8%)	3,935 (28.0%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	56 (0.8%)	72 (0.5%)
<i>Religious/spiritual connection, n (%)</i>		
Always	318 (4.9%)	534 (3.8%)
Often	1,252 (19.1%)	2,605 (18.5%)
Rarely	2,659 (40.6%)	5,962 (42.4%)
Never	2,311 (35.3%)	4,941 (35.1%)
(Missing)	16 (0.3%)	25 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	1,407 (21.5%)	2,836 (20.2%)
No	1,959 (29.9%)	4,766 (33.9%)
Unsure	3,154 (48.1%)	6,389 (45.4%)
(Missing)	37 (0.6%)	75 (0.5%)
<i>Transformative religious experience, n (%)</i>		
Yes	567 (8.7%)	1,046 (7.4%)
No	5,954 (90.8%)	12,966 (92.2%)
(Missing)	36 (0.5%)	54 (0.4%)

Table S19d. Unweighted summary statistics for Wave 1 outcome variables in Japan by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 6,557	Wave 2 N = 14,066
<i>Religious reading or listening, n (%)</i>		
More than once a day	70 (1.1%)	78 (0.6%)
About once a day	251 (3.8%)	335 (2.4%)
Sometimes	934 (14.2%)	1,953 (13.9%)
Never	5,253 (80.1%)	11,620 (82.6%)
(Missing)	49 (0.7%)	79 (0.6%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	166 (2.5%)	366 (2.6%)
About once a day	506 (7.7%)	971 (6.9%)
Sometimes	1,341 (20.5%)	2,985 (21.2%)
Never	4,519 (68.9%)	9,706 (69.0%)
(Missing)	24 (0.4%)	37 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	172 (2.6%)	400 (2.8%)
More than one god	667 (10.2%)	1,260 (9.0%)
An impersonal spiritual force	593 (9.0%)	1,029 (7.3%)
None of these	2,997 (45.7%)	7,168 (51.0%)
Unsure	2,105 (32.1%)	4,182 (29.7%)
(Missing)	23 (0.3%)	27 (0.2%)
<i>Religious centrality, n (%)</i>		
Agree	443 (6.8%)	1,093 (7.8%)
Disagree	1,559 (23.8%)	3,460 (24.6%)
Not relevant	3,147 (48.0%)	6,956 (49.5%)
Unsure	1,376 (21.0%)	2,506 (17.8%)
(Missing)	32 (0.5%)	52 (0.4%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	458 (7.0%)	1,030 (7.3%)
Disagree	1,806 (27.5%)	3,943 (28.0%)
Not relevant	3,076 (46.9%)	6,734 (47.9%)
Unsure	1,173 (17.9%)	2,262 (16.1%)
(Missing)	43 (0.6%)	97 (0.7%)
<i>Feel loved by God, n (%)</i>		
Agree	669 (10.2%)	1,477 (10.5%)
Disagree	1,626 (24.8%)	3,638 (25.9%)
Not relevant	2,881 (43.9%)	6,282 (44.7%)
Unsure	1,323 (20.2%)	2,526 (18.0%)
(Missing)	58 (0.9%)	142 (1.0%)
<i>Feel punished by God, n (%)</i>		
Agree	182 (2.8%)	340 (2.4%)
Disagree	2,182 (33.3%)	5,033 (35.8%)
Not relevant	2,949 (45.0%)	6,388 (45.4%)
Unsure	1,184 (18.1%)	2,180 (15.5%)
(Missing)	60 (0.9%)	124 (0.9%)
<i>Experienced religious criticism, n (%)</i>		
Agree	114 (1.7%)	158 (1.1%)
Disagree	1,742 (26.6%)	4,064 (28.9%)
Not relevant	3,631 (55.4%)	7,888 (56.1%)
Unsure	1,017 (15.5%)	1,843 (13.1%)
(Missing)	53 (0.8%)	113 (0.8%)

Table S19d. Unweighted summary statistics for Wave 1 outcome variables in Japan by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 6,557	Wave 2 N = 14,066
<i>Faith-sharing, n (%)</i>		
Agree	266 (4.1%)	532 (3.8%)
Disagree	1,800 (27.4%)	4,102 (29.2%)
Not relevant	3,465 (52.8%)	7,479 (53.2%)
Unsure	985 (15.0%)	1,882 (13.4%)
(Missing)	41 (0.6%)	72 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S19e. Summary of fitted attrition model in Japan

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.92	0.86, 0.98	0.009
Recruitment Survey Mode			
<i>CAWI</i>	—	—	
<i>CATI</i>	0.54	0.43, 0.68	7.12e-08
Happiness & life satisfaction	0.88	0.82, 0.94	3.42e-04
Physical & mental health	1.08	1.02, 1.15	0.015
Meaning & purpose	0.98	0.91, 1.05	0.544
Character & virtue	1.02	0.96, 1.08	0.490
Close social relationships	0.97	0.92, 1.04	0.412
Financial & material security	1.06	1.01, 1.11	0.029
Extraversion	0.96	0.92, 1.00	0.042
Openness to experience	0.99	0.95, 1.03	0.495
Agreeableness	1.03	0.99, 1.07	0.158
Conscientiousness	1.03	0.99, 1.08	0.174
Neuroticism	0.98	0.93, 1.03	0.336
Depression symptoms composite	1.00	0.95, 1.05	0.959
Anxiety symptoms composite	0.97	0.92, 1.02	0.236
Loneliness	0.98	0.93, 1.03	0.422
Days exercise per week	0.99	0.95, 1.03	0.704
Year of birth (age group)			
<i>1953-1963 (current age: 60-69 years)</i>	—	—	
<i>1963-1973 (current age: 50-59 years)</i>	1.11	0.98, 1.27	0.101
<i>1943-1953 (current age: 70-79 years)</i>	1.12	0.99, 1.27	0.078
<i>1973-1983 (current age: 40-49 years)</i>	0.90	0.78, 1.03	0.128
<i>1983-1993 (current age: 30-39 years)</i>	0.49	0.42, 0.57	2.33e-22
<i>1998-2005 (current age: 18-24 years)</i>	0.22	0.18, 0.27	1.04e-48
<i>1993-1998 (current age: 25-29 years)</i>	0.31	0.25, 0.38	4.80e-30
<i>1943 or earlier (current age: 80+ years)</i>	1.02	0.78, 1.33	0.876
Gender of respondent			
<i>Female</i>	—	—	
<i>Male</i>	1.15	1.06, 1.25	0.001
<i>Other</i>	0.79	0.36, 1.75	0.560
Marital status			
<i>Married</i>	—	—	
<i>Single/Never been married</i>	1.06	0.95, 1.18	0.317
<i>Divorced</i>	1.00	0.86, 1.15	0.958
<i>Widowed</i>	0.84	0.69, 1.02	0.075
<i>Separated</i>	0.83	0.56, 1.22	0.333
<i>Domestic partner</i>	0.65	0.43, 0.99	0.043
Employment status			
<i>Employed for an employer</i>	—	—	
<i>None of these/Other</i>	0.91	0.81, 1.03	0.137
<i>Retired</i>	1.19	1.02, 1.37	0.023
<i>Homemaker</i>	0.89	0.76, 1.04	0.135
<i>Self-employed</i>	1.00	0.86, 1.16	0.985
<i>Unemployed and looking for a job</i>	1.00	0.83, 1.21	0.976
<i>Student</i>	0.72	0.56, 0.93	0.013
Religious attendance			
<i>Never</i>	—	—	
<i>A few times a year</i>	0.96	0.87, 1.07	0.489
<i>One to three times a month</i>	0.83	0.69, 0.99	0.037
<i>More than once a week</i>	0.82	0.62, 1.08	0.156

Table S19e. Summary of fitted attrition model in Japan

Characteristic	Odds Ratio	95% CI	p-value
<i>Once a week</i>	0.78	0.58, 1.04	0.093
Educational attainment (16+ years)			
<i>9-15</i>	—	—	
<i>16+</i>	0.95	0.86, 1.04	0.242
<i>Up to 8</i>	1.01	0.80, 1.27	0.930
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.87	0.58, 1.32	0.514
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A suburb of a large city</i>	1.03	0.94, 1.13	0.541
<i>A large city</i>	1.08	0.98, 1.20	0.126
<i>A rural area or on a farm</i>	0.94	0.80, 1.10	0.429
Monthly household income			
<i>Japan: 300,001 – 400,000 yen</i>	—	—	
<i>Japan: 200,001 – 250,000 yen</i>	0.87	0.75, 1.01	0.074
<i>Japan: 250,001 – 300,000 yen</i>	0.89	0.76, 1.04	0.137
<i>Japan: 150,001 – 200,000 yen</i>	0.82	0.70, 0.97	0.017
<i>(None/No household income)</i>	0.70	0.59, 0.83	5.74e-05
<i>Japan: 100,001 – 150,000 yen</i>	0.97	0.81, 1.16	0.713
<i>Japan: 500,001 – 600,000 yen</i>	1.02	0.85, 1.23	0.796
<i>Japan: 400,001 – 450,000 yen</i>	0.85	0.71, 1.02	0.081
<i>Japan: 450,001 – 500,000 yen</i>	0.96	0.79, 1.17	0.695
<i>Japan: More than 1,000,000 yen</i>	0.80	0.66, 0.97	0.026
<i>Japan: 50,001 – 100,000 yen</i>	0.83	0.67, 1.03	0.093
<i>Japan: 600,001 – 700,000 yen</i>	0.89	0.72, 1.10	0.265
<i>Japan: 50,000 yen or less</i>	0.77	0.60, 0.98	0.032
<i>Japan: 700,001 – 800,000 yen</i>	1.08	0.85, 1.38	0.539
<i>Japan: 800,001 – 900,000 yen</i>	0.84	0.64, 1.11	0.222
<i>Japan: 900,001 – 1,000,000 yen</i>	0.74	0.55, 1.00	0.048

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=20543; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S19f. Summary of principal components in Japan

PC	Percent Explained by each PC	Cumulative Percent Explained
1	28.42	28.42
2	7.79	36.22
3	6.42	42.64
4	2.78	45.42
5	2.00	47.41
6	1.80	49.21
7	1.70	50.91
8	1.53	52.44
9	1.50	53.94
10	1.44	55.38
11	1.37	56.75
12	1.33	58.08
13	1.27	59.35
14	1.21	60.56
15	1.18	61.75
16	1.16	62.91
17	1.14	64.04
18	1.10	65.14
19	1.07	66.21
20	1.02	67.23

Notes. N=20543; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S19g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Japan

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.83	(0.82,0.84)	0.01	2.22e-16***	0.60	(0.58,0.62)	0.01	2.22e-16***
Flourishing index	0.80	(0.78,0.81)	0.01	2.22e-16***	0.49	(0.47,0.51)	0.01	2.22e-16***
Happiness & life satisfaction	0.69	(0.68,0.71)	0.01	2.22e-16***	0.26	(0.25,0.28)	0.01	2.22e-16***
Physical & mental health	0.66	(0.65,0.67)	0.01	2.22e-16***	0.20	(0.18,0.21)	0.01	2.22e-16***
Meaning & purpose	0.67	(0.65,0.68)	0.01	2.22e-16***	0.24	(0.22,0.26)	0.01	2.22e-16***
Character & virtue	0.51	(0.50,0.53)	0.01	2.22e-16***	0.11	(0.10,0.12)	0.01	2.22e-16***
Close social relationships	0.63	(0.62,0.65)	0.01	2.22e-16***	0.19	(0.17,0.21)	0.01	2.22e-16***
Financial & material security	0.53	(0.51,0.54)	0.01	2.22e-16***	0.20	(0.19,0.22)	0.01	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.67	(0.65,0.68)	0.01	2.22e-16***	0.23	(0.21,0.24)	0.01	2.22e-16***
Happiness (a)	0.65	(0.63,0.66)	0.01	2.22e-16***	0.20	(0.18,0.21)	0.01	2.22e-16***
Self-rated physical health (b)	0.53	(0.52,0.55)	0.01	2.22e-16***	0.12	(0.11,0.14)	0.01	2.22e-16***
Self-rated mental health (b)	0.66	(0.64,0.67)	0.01	2.22e-16***	0.17	(0.16,0.19)	0.01	2.22e-16***
Understanding purpose (c)	0.55	(0.54,0.57)	0.01	2.22e-16***	0.14	(0.13,0.16)	0.01	2.22e-16***
Meaningful activities (c)	0.62	(0.61,0.64)	0.01	2.22e-16***	0.18	(0.16,0.20)	0.01	2.22e-16***
Orientation to promote good (d)	0.57	(0.55,0.58)	0.01	2.22e-16***	0.13	(0.11,0.14)	0.01	2.22e-16***
Delayed gratification (d)	0.30	(0.28,0.32)	0.01	2.22e-16***	0.05	(0.03,0.06)	0.01	3.77e-15***
Relationship contentment (e)	0.60	(0.58,0.62)	0.01	2.22e-16***	0.15	(0.13,0.17)	0.01	2.22e-16***
Relationship satisfaction (e)	0.61	(0.59,0.63)	0.01	2.22e-16***	0.15	(0.14,0.17)	0.01	2.22e-16***
Financial security (f)	0.48	(0.47,0.50)	0.01	2.22e-16***	0.17	(0.16,0.18)	0.01	2.22e-16***
Material security (f)	0.50	(0.48,0.51)	0.01	2.22e-16***	0.14	(0.13,0.15)	0.01	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.61	(0.60,0.63)	0.01	2.22e-16***	0.17	(0.15,0.19)	0.01	2.22e-16***
Future life evaluation	0.59	(0.58,0.61)	0.01	2.22e-16***	0.16	(0.15,0.18)	0.01	2.22e-16***
Optimism	0.41	(0.40,0.43)	0.01	2.22e-16***	0.04	(0.03,0.06)	0.01	6.69e-10***
Freedom to pursue what's important	0.51	(0.50,0.53)	0.01	2.22e-16***	0.09	(0.08,0.11)	0.01	2.22e-16***
Inner peace	0.39	(0.37,0.40)	0.01	2.22e-16***	0.02	(0.01,0.04)	0.01	1.05e-04***
Life balance	0.40	(0.38,0.41)	0.01	2.22e-16***	0.02	(0.01,0.03)	0.01	3.56e-03**
Sense of mastery	0.30	(0.28,0.31)	0.01	2.22e-16***	0.05	(0.04,0.06)	0.01	2.22e-16***
<i>Psychological Distress</i>								
Traumatic distress	-0.21	(-0.22,-0.19)	0.01	2.22e-16***	0.00	(-0.01,0.02)	0.01	0.438
Depression symptoms composite	-0.33	(-0.34,-0.31)	0.01	2.22e-16***	-0.00	(-0.02,0.01)	0.01	0.725
Depression – feel hopeless	-0.31	(-0.33,-0.29)	0.01	2.22e-16***	0.02	(0.01,0.04)	0.01	2.96e-03**
Depression – loss of interest	-0.29	(-0.31,-0.28)	0.01	2.22e-16***	0.00	(-0.01,0.01)	0.01	0.983
Anxiety symptoms composite	-0.31	(-0.33,-0.30)	0.01	2.22e-16***	0.02	(0.00,0.03)	0.01	0.012*
Anxiety – feel on edge	-0.32	(-0.33,-0.30)	0.01	2.22e-16***	0.02	(0.01,0.04)	0.01	0.006*
Anxiety – cannot stop worrying	-0.26	(-0.27,-0.24)	0.01	2.22e-16***	0.01	(-0.00,0.03)	0.01	0.067
Suffering	-0.36	(-0.37,-0.34)	0.01	2.22e-16***	-0.07	(-0.08,-0.05)	0.01	2.22e-16***
<i>Social Well-Being</i>								
Social support	0.34	(0.33,0.36)	0.01	2.22e-16***	0.03	(0.01,0.04)	0.01	4.77e-05***
Intimate/close friend	0.24	(0.22,0.26)	0.01	2.22e-16***	0.01	(-0.00,0.02)	0.01	0.091
Government approval	0.16	(0.14,0.17)	0.01	2.22e-16***	0.02	(0.01,0.03)	0.00	9.68e-04**
Say in government	0.12	(0.11,0.14)	0.01	2.22e-16***	0.01	(-0.00,0.02)	0.00	0.097
Belonging in country	0.42	(0.40,0.43)	0.01	2.22e-16***	0.04	(0.03,0.06)	0.01	3.02e-10***
City/place satisfaction	0.26	(0.25,0.28)	0.01	2.22e-16***	0.04	(0.03,0.05)	0.01	1.92e-13***
Trust within country	0.21	(0.19,0.22)	0.01	2.22e-16***	0.00	(-0.01,0.01)	0.01	0.531
<i>Social Participation</i>								
Ever been married	0.17	(0.13,0.20)	0.02	2.22e-16***	-0.04	(-0.07,-0.02)	0.01	7.27e-04**
Currently divorced	0.06	(0.04,0.08)	0.01	3.09e-10***	-0.01	(-0.02,0.00)	0.01	0.161
Number of children	0.02	(-0.00,0.04)	0.01	0.057	0.02	(0.01,0.03)	0.01	1.36e-03**
Weekly+ community participation	0.09	(0.07,0.10)	0.01	2.22e-16***	0.02	(0.01,0.03)	0.00	1.41e-06***
Weekly+ religious attendance	0.06	(0.04,0.07)	0.01	3.18e-13***	0.01	(-0.01,0.02)	0.01	0.340
<i>Social Distress</i>								
Loneliness	-0.46	(-0.48,-0.45)	0.01	2.22e-16***	-0.09	(-0.11,-0.08)	0.01	2.22e-16***
Perceived discrimination	-0.02	(-0.04,-0.00)	0.01	0.018*	-0.01	(-0.02,0.01)	0.01	0.301
<i>Character & Prosocial Behavior</i>								
Hope	0.59	(0.57,0.60)	0.01	2.22e-16***	0.15	(0.13,0.17)	0.01	2.22e-16***
Gratitude	0.47	(0.45,0.48)	0.01	2.22e-16***	0.09	(0.08,0.11)	0.01	2.22e-16***
Showing love/care	0.44	(0.43,0.46)	0.01	2.22e-16***	0.06	(0.04,0.07)	0.01	6.64e-14***
Forgivingness	0.14	(0.13,0.16)	0.01	2.22e-16***	-0.01	(-0.02,0.00)	0.01	0.069
Charitable giving	0.05	(0.04,0.07)	0.01	3.42e-12***	0.01	(-0.00,0.02)	0.01	0.058
Helping strangers	0.04	(0.02,0.05)	0.01	7.2e-06***	-0.00	(-0.01,0.01)	0.01	0.983
Volunteering	0.07	(0.05,0.08)	0.01	2.22e-16***	0.01	(-0.00,0.02)	0.01	0.073
<i>Physical Health & Health Behavior</i>								
Health problems	-0.16	(-0.17,-0.14)	0.01	2.22e-16***	-0.02	(-0.04,-0.01)	0.01	4.2e-06***
Pain in past 4 weeks	-0.19	(-0.20,-0.17)	0.01	2.22e-16***	-0.02	(-0.03,-0.01)	0.01	3.29e-04***
Daily smoker	-0.05	(-0.06,-0.03)	0.01	2.49e-10***	-0.02	(-0.03,-0.01)	0.00	3.28e-06***
Number of drinks per week	0.02	(-0.00,0.03)	0.01	0.062	0.00	(-0.01,0.01)	0.00	0.534
Days exercise per week	0.12	(0.10,0.13)	0.01	2.22e-16***	0.03	(0.02,0.04)	0.00	3.31e-07***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.10	(0.08,0.11)	0.01	2.22e-16***	0.03	(0.02,0.04)	0.01	1.28e-07***
Currently employed	0.05	(0.03,0.06)	0.01	9.18e-09***	-0.04	(-0.05,-0.02)	0.01	2.12e-09***
Financially comfortable/getting by	0.32	(0.30,0.34)	0.01	2.22e-16***	0.09	(0.08,0.10)	0.01	2.22e-16***
Own home	0.06	(0.05,0.08)	0.01	2.22e-16***	0.01	(0.00,0.02)	0.01	0.018*
Income – top quintile	0.04	(0.03,0.06)	0.01	4.12e-06***	0.01	(-0.00,0.02)	0.01	0.095
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.11	(0.09,0.12)	0.01	2.22e-16***	-0.00	(-0.01,0.01)	0.01	0.617
Belief in life after death	0.04	(0.02,0.05)	0.01	5.73e-06***	-0.00	(-0.01,0.01)	0.01	0.912
Transformative religious experience	0.02	(0.01,0.04)	0.01	3.93e-03**	0.01	(0.00,0.02)	0.01	0.046*
Religious reading or listening	0.04	(0.02,0.06)	0.01	8.89e-05***	0.00	(-0.01,0.02)	0.01	0.554
Prayer or meditation	0.05	(0.03,0.06)	0.01	1.36e-07***	0.01	(0.00,0.02)	0.01	0.041*
Belief in God/gods/spiritual forces	0.05	(0.03,0.06)	0.01	4.63e-09***	0.01	(0.00,0.03)	0.01	0.007*
Religious centrality	0.06	(0.04,0.07)	0.01	1.09e-11***	0.00	(-0.01,0.02)	0.01	0.653
Religious/spiritual comfort	0.06	(0.05,0.08)	0.01	3.33e-16***	0.01	(-0.00,0.02)	0.01	0.185
Feel loved by God	0.09	(0.08,0.11)	0.01	2.22e-16***	0.03	(0.01,0.04)	0.01	5.27e-05***
Feel punished by God	0.00	(-0.01,0.02)	0.01	0.555	0.00	(-0.01,0.01)	0.01	0.450
Experienced religious criticism	-0.00	(-0.02,0.01)	0.01	0.806	0.00	(-0.01,0.01)	0.01	0.686
Faith-sharing	0.07	(0.06,0.09)	0.01	2.22e-16***	0.02	(0.01,0.03)	0.01	2.99e-04***

Notes. N=20543; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S19h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Japan using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.79	(0.77,0.81)	0.01	2.22e-16***	0.57	(0.54,0.60)	0.01	2.22e-16***
Flourishing index	0.76	(0.74,0.78)	0.01	2.22e-16***	0.45	(0.42,0.48)	0.02	2.22e-16***
Happiness & life satisfaction	0.66	(0.65,0.68)	0.01	2.22e-16***	0.25	(0.23,0.28)	0.01	2.22e-16***
Physical & mental health	0.63	(0.61,0.65)	0.01	2.22e-16***	0.18	(0.16,0.21)	0.01	2.22e-16***
Meaning & purpose	0.64	(0.62,0.66)	0.01	2.22e-16***	0.22	(0.20,0.25)	0.01	2.22e-16***
Character & virtue	0.49	(0.47,0.51)	0.01	2.22e-16***	0.10	(0.08,0.12)	0.01	2.22e-16***
Close social relationships	0.61	(0.59,0.63)	0.01	2.22e-16***	0.17	(0.15,0.20)	0.01	2.22e-16***
Financial & material security	0.51	(0.49,0.53)	0.01	2.22e-16***	0.19	(0.18,0.21)	0.01	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.64	(0.62,0.66)	0.01	2.22e-16***	0.22	(0.19,0.24)	0.01	2.22e-16***
Happiness (a)	0.62	(0.60,0.64)	0.01	2.22e-16***	0.19	(0.17,0.21)	0.01	2.22e-16***
Self-rated physical health (b)	0.50	(0.48,0.52)	0.01	2.22e-16***	0.12	(0.10,0.14)	0.01	2.22e-16***
Self-rated mental health (b)	0.63	(0.61,0.65)	0.01	2.22e-16***	0.16	(0.13,0.19)	0.01	2.22e-16***
Understanding purpose (c)	0.53	(0.51,0.55)	0.01	2.22e-16***	0.14	(0.11,0.16)	0.01	2.22e-16***
Meaningful activities (c)	0.60	(0.58,0.62)	0.01	2.22e-16***	0.17	(0.15,0.20)	0.01	2.22e-16***
Orientation to promote good (d)	0.55	(0.52,0.57)	0.01	2.22e-16***	0.12	(0.10,0.14)	0.01	2.22e-16***
Delayed gratification (d)	0.29	(0.26,0.31)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	2.6e-06***
Relationship contentment (e)	0.57	(0.55,0.59)	0.01	2.22e-16***	0.13	(0.11,0.16)	0.01	2.22e-16***
Relationship satisfaction (e)	0.59	(0.57,0.61)	0.01	2.22e-16***	0.15	(0.12,0.17)	0.01	2.22e-16***
Financial security (f)	0.47	(0.45,0.49)	0.01	2.22e-16***	0.17	(0.15,0.18)	0.01	2.22e-16***
Material security (f)	0.47	(0.45,0.49)	0.01	2.22e-16***	0.13	(0.11,0.15)	0.01	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.59	(0.57,0.61)	0.01	2.22e-16***	0.16	(0.14,0.19)	0.01	2.22e-16***
Future life evaluation	0.57	(0.55,0.59)	0.01	2.22e-16***	0.15	(0.13,0.18)	0.01	2.22e-16***
Optimism	0.40	(0.37,0.42)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	2.24e-05***
Freedom to pursue what's important	0.49	(0.47,0.51)	0.01	2.22e-16***	0.08	(0.07,0.10)	0.01	2.22e-16***
Inner peace	0.38	(0.36,0.40)	0.01	2.22e-16***	0.02	(0.01,0.04)	0.01	0.008*
Life balance	0.39	(0.37,0.41)	0.01	2.22e-16***	0.02	(0.00,0.04)	0.01	0.045*
Sense of mastery	0.29	(0.27,0.31)	0.01	2.22e-16***	0.05	(0.03,0.06)	0.01	8.74e-10***
<i>Psychological Distress</i>								
Traumatic distress	-0.20	(-0.22,-0.18)	0.01	2.22e-16***	0.01	(-0.01,0.02)	0.01	0.493
Depression symptoms composite	-0.32	(-0.34,-0.30)	0.01	2.22e-16***	0.00	(-0.02,0.02)	0.01	0.762
Depression – feel hopeless	-0.30	(-0.33,-0.28)	0.01	2.22e-16***	0.03	(0.01,0.05)	0.01	0.012*
Depression – loss of interest	-0.28	(-0.31,-0.26)	0.01	2.22e-16***	0.00	(-0.01,0.02)	0.01	0.698
Anxiety symptoms composite	-0.30	(-0.32,-0.28)	0.01	2.22e-16***	0.02	(0.00,0.04)	0.01	0.030*
Anxiety – feel on edge	-0.31	(-0.33,-0.29)	0.01	2.22e-16***	0.02	(-0.00,0.04)	0.01	0.067
Anxiety – cannot stop worrying	-0.25	(-0.28,-0.23)	0.01	2.22e-16***	0.01	(-0.01,0.03)	0.01	0.311
Suffering	-0.35	(-0.37,-0.33)	0.01	2.22e-16***	-0.06	(-0.08,-0.05)	0.01	1.86e-13***
<i>Social Well-Being</i>								
Social support	0.34	(0.31,0.36)	0.01	2.22e-16***	0.02	(0.00,0.04)	0.01	0.019*
Intimate/close friend	0.24	(0.22,0.26)	0.01	2.22e-16***	0.01	(-0.00,0.03)	0.01	0.088
Government approval	0.15	(0.13,0.17)	0.01	2.22e-16***	0.01	(-0.00,0.03)	0.01	0.094
Say in government	0.13	(0.11,0.15)	0.01	2.22e-16***	0.01	(-0.01,0.02)	0.01	0.361
Belonging in country	0.41	(0.38,0.43)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	4.37e-05***
City/place satisfaction	0.26	(0.24,0.28)	0.01	2.22e-16***	0.04	(0.02,0.05)	0.01	2.03e-07***
Trust within country	0.21	(0.19,0.23)	0.01	2.22e-16***	0.00	(-0.01,0.02)	0.01	0.980
<i>Social Participation</i>								
Ever been married	0.16	(0.12,0.21)	0.02	3.06e-13***	-0.05	(-0.08,-0.01)	0.02	0.005*
Currently divorced	0.07	(0.05,0.10)	0.01	7.44e-10***	-0.01	(-0.03,0.01)	0.01	0.250
Number of children	0.03	(0.00,0.06)	0.01	0.046*	0.03	(0.01,0.04)	0.01	3.06e-03**
Weekly+ community participation	0.09	(0.07,0.10)	0.01	2.22e-16***	0.03	(0.01,0.04)	0.01	4.11e-05***
Weekly+ religious attendance	0.06	(0.04,0.08)	0.01	2.32e-08***	0.01	(-0.01,0.02)	0.01	0.386
<i>Social Distress</i>								
Loneliness	-0.45	(-0.47,-0.43)	0.01	2.22e-16***	-0.09	(-0.11,-0.07)	0.01	2.22e-16***
Perceived discrimination	-0.03	(-0.05,-0.01)	0.01	3.11e-03**	-0.01	(-0.02,0.01)	0.01	0.253
<i>Character & Prosocial Behavior</i>								
Hope	0.57	(0.55,0.59)	0.01	2.22e-16***	0.15	(0.12,0.17)	0.01	2.22e-16***
Gratitude	0.45	(0.43,0.47)	0.01	2.22e-16***	0.09	(0.07,0.11)	0.01	5.11e-15***
Showing love/care	0.44	(0.41,0.46)	0.01	2.22e-16***	0.06	(0.04,0.08)	0.01	2.07e-07***
Forgivingness	0.14	(0.12,0.16)	0.01	2.22e-16***	-0.01	(-0.02,0.01)	0.01	0.321
Charitable giving	0.06	(0.04,0.07)	0.01	2.48e-08***	0.01	(-0.00,0.02)	0.01	0.160
Helping strangers	0.03	(0.01,0.05)	0.01	0.008*	-0.00	(-0.02,0.01)	0.01	0.682
Volunteering	0.07	(0.05,0.09)	0.01	6.39e-10***	0.01	(-0.01,0.02)	0.01	0.469
<i>Physical Health & Health Behavior</i>								
Health problems	-0.13	(-0.15,-0.11)	0.01	2.22e-16***	-0.02	(-0.03,-0.00)	0.01	0.013*
Pain in past 4 weeks	-0.17	(-0.19,-0.15)	0.01	2.22e-16***	-0.02	(-0.03,-0.01)	0.01	0.007*
Daily smoker	-0.04	(-0.06,-0.02)	0.01	8.78e-05***	-0.02	(-0.04,-0.01)	0.01	8.63e-04**
Number of drinks per week	0.02	(0.00,0.04)	0.01	0.030*	0.01	(-0.01,0.02)	0.01	0.425
Days exercise per week	0.12	(0.10,0.14)	0.01	2.22e-16***	0.03	(0.01,0.04)	0.01	9.97e-05***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.09	(0.07,0.11)	0.01	2.22e-16***	0.03	(0.01,0.04)	0.01	6.21e-04***
Currently employed	0.04	(0.01,0.06)	0.01	9.58e-04**	-0.03	(-0.05,-0.01)	0.01	4e-04***
Financially comfortable/getting by	0.31	(0.29,0.33)	0.01	2.22e-16***	0.09	(0.07,0.11)	0.01	2.22e-16***
Own home	0.07	(0.05,0.09)	0.01	3.74e-12***	0.02	(0.00,0.03)	0.01	0.018*
Income – top quintile	0.05	(0.02,0.07)	0.01	8.31e-05***	0.01	(-0.00,0.03)	0.01	0.170
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.10	(0.08,0.12)	0.01	2.22e-16***	0.00	(-0.01,0.02)	0.01	0.655
Belief in life after death	0.03	(0.01,0.05)	0.01	1.96e-03**	0.00	(-0.01,0.02)	0.01	0.644
Transformative religious experience	0.02	(-0.01,0.04)	0.01	0.149	0.01	(-0.00,0.03)	0.01	0.170
Religious reading or listening	0.04	(0.01,0.07)	0.01	2.67e-03**	0.01	(-0.01,0.03)	0.01	0.546
Prayer or meditation	0.04	(0.02,0.06)	0.01	9.31e-05***	0.01	(-0.01,0.03)	0.01	0.186
Belief in God/gods/spiritual forces	0.04	(0.02,0.07)	0.01	1.14e-05***	0.02	(0.01,0.04)	0.01	3.26e-03**
Religious centrality	0.05	(0.03,0.07)	0.01	4.86e-06***	-0.00	(-0.02,0.01)	0.01	0.603
Religious/spiritual comfort	0.06	(0.04,0.08)	0.01	3.31e-09***	0.01	(-0.01,0.03)	0.01	0.199
Feel loved by God	0.09	(0.07,0.11)	0.01	2.22e-16***	0.03	(0.01,0.04)	0.01	2.61e-03**
Feel punished by God	0.00	(-0.02,0.02)	0.01	0.880	0.01	(-0.01,0.02)	0.01	0.377
Experienced religious criticism	-0.01	(-0.03,0.02)	0.01	0.553	-0.00	(-0.02,0.01)	0.01	0.685
Faith-sharing	0.06	(0.04,0.08)	0.01	5.63e-09***	0.02	(0.00,0.03)	0.01	0.038*

Notes. N=13972; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S19i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Japan

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.43	2.41	2.06	2.03	2.37	2.34	2.01	1.97
Flourishing index	2.38	2.36	1.89	1.86	2.32	2.29	1.84	1.79
Happiness & life satisfaction	2.02	2.00	1.48	1.46	1.98	1.96	1.47	1.44
Physical & mental health	2.04	2.02	1.42	1.39	2.00	1.97	1.40	1.36
Meaning & purpose	2.01	1.99	1.46	1.43	1.96	1.94	1.44	1.40
Character & virtue	1.93	1.91	1.31	1.28	1.90	1.87	1.29	1.26
Close social relationships	1.92	1.90	1.38	1.35	1.89	1.86	1.36	1.32
Financial & material security	1.68	1.67	1.35	1.34	1.66	1.64	1.34	1.32
Individual Flourishing Index Items								
Life satisfaction	1.93	1.91	1.41	1.39	1.90	1.88	1.40	1.37
Happiness	1.97	1.95	1.40	1.38	1.93	1.91	1.39	1.36
Self-rated physical health	1.83	1.82	1.29	1.27	1.80	1.78	1.29	1.26
Self-rated mental health	1.95	1.93	1.36	1.33	1.91	1.88	1.34	1.30
Understanding purpose	1.80	1.78	1.31	1.29	1.77	1.74	1.30	1.26
Meaningful activities	1.90	1.88	1.36	1.34	1.87	1.84	1.35	1.32
Orientation to promote good	1.89	1.87	1.31	1.28	1.86	1.83	1.30	1.26
Delayed gratification	1.54	1.52	1.17	1.14	1.53	1.50	1.16	1.12
Relationship contentment	1.86	1.84	1.32	1.29	1.82	1.79	1.29	1.26
Relationship satisfaction	1.88	1.86	1.33	1.30	1.85	1.82	1.31	1.28
Financial security	1.59	1.58	1.29	1.28	1.58	1.56	1.29	1.27
Material security	1.65	1.64	1.28	1.26	1.63	1.61	1.26	1.24
Psychological Well-Being								
Current life evaluation	1.92	1.90	1.36	1.34	1.89	1.87	1.35	1.32
Future life evaluation	1.86	1.84	1.34	1.32	1.83	1.81	1.33	1.30
Optimism	1.64	1.62	1.15	1.12	1.62	1.60	1.15	1.10
Freedom to pursue what's important	1.80	1.78	1.24	1.22	1.77	1.74	1.23	1.20
Inner peace	3.68	3.55	1.28	1.18	3.61	3.45	1.27	1.13
Life balance	3.91	3.77	1.25	1.13	3.87	3.68	1.24	1.03
Sense of mastery	2.89	2.79	1.41	1.34	2.83	2.71	1.41	1.32
Psychological Distress								
Traumatic distress	2.39	2.29	1.11	1.00	2.37	2.24	1.12	1.00
Depression symptoms composite	3.56	3.41	1.08	1.00	3.47	3.28	1.09	1.00
Depression – feel hopeless	3.67	3.51	1.30	1.16	3.61	3.39	1.33	1.14
Depression – loss of interest	3.26	3.12	1.02	1.00	3.20	3.03	1.10	1.00
Anxiety symptoms composite	3.56	3.40	1.25	1.11	3.47	3.27	1.29	1.08
Anxiety – feel on edge	3.58	3.42	1.27	1.13	3.53	3.33	1.27	1.00
Anxiety – cannot stop worrying	3.43	3.25	1.23	1.00	3.41	3.17	1.20	1.00
Suffering	3.34	3.23	1.52	1.45	3.26	3.11	1.51	1.41
Social Well-Being								
Social support	1.54	1.52	1.11	1.08	1.53	1.51	1.10	1.04
Intimate/close friend	2.56	2.46	1.16	1.00	2.55	2.42	1.20	1.00
Government approval	2.24	2.14	1.24	1.14	2.17	2.04	1.19	1.00
Say in government	1.94	1.84	1.15	1.00	1.97	1.86	1.13	1.00
Belonging in country	1.64	1.62	1.15	1.12	1.63	1.60	1.15	1.10
City/place satisfaction	2.61	2.52	1.36	1.29	2.59	2.47	1.35	1.26
Trust within country	2.43	2.32	1.09	1.00	2.42	2.28	1.02	1.00
Social Participation								
Ever been married	2.19	1.96	1.41	1.24	2.17	1.89	1.44	1.21
Currently divorced	1.68	1.52	1.20	1.00	1.80	1.59	1.22	1.00
Number of children	1.12	1.00	1.12	1.07	1.15	1.02	1.13	1.07
Weekly+ community participation	1.97	1.84	1.36	1.26	1.97	1.80	1.40	1.27
Weekly+ religious attendance	2.02	1.79	1.20	1.00	2.07	1.75	1.24	1.00
Social Distress								
Loneliness	1.62	1.60	1.21	1.20	1.61	1.59	1.21	1.19
Perceived discrimination	1.28	1.10	1.13	1.00	1.37	1.19	1.16	1.00
Character & Prosocial Behavior								
Hope	1.86	1.84	1.32	1.30	1.83	1.81	1.32	1.29
Gratitude	1.71	1.69	1.24	1.21	1.70	1.67	1.24	1.20
Showing love/care	1.70	1.68	1.18	1.16	1.69	1.66	1.18	1.14
Forgivingness	1.91	1.83	1.15	1.00	1.91	1.80	1.13	1.00
Charitable giving	1.64	1.51	1.21	1.00	1.66	1.48	1.21	1.00
Helping strangers	1.45	1.31	1.02	1.00	1.37	1.16	1.10	1.00
Volunteering	1.78	1.64	1.21	1.00	1.81	1.60	1.17	1.00
Physical Health & Health Behavior								
Health problems	2.26	2.14	1.32	1.22	2.11	1.96	1.26	1.11
Pain in past 4 weeks	2.23	2.14	1.24	1.15	2.13	2.02	1.24	1.11
Daily smoker	1.47	1.37	1.28	1.20	1.40	1.25	1.28	1.16
Number of drinks per week	1.05	1.00	1.02	1.00	1.06	1.02	1.03	1.00
Days exercise per week	1.26	1.24	1.11	1.08	1.26	1.23	1.11	1.08
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.76	1.67	1.31	1.23	1.72	1.59	1.30	1.18
Currently employed	1.40	1.31	1.34	1.27	1.34	1.20	1.31	1.19
Financially comfortable/getting by	3.49	3.35	1.75	1.68	3.38	3.21	1.75	1.64
Own home	1.50	1.41	1.17	1.07	1.53	1.42	1.21	1.08
Income – top quintile	1.45	1.32	1.17	1.00	1.47	1.31	1.19	1.00
Religion & Spirituality								
Religious/spiritual connection	1.82	1.73	1.08	1.00	1.80	1.68	1.09	1.00
Belief in life after death	1.38	1.27	1.04	1.00	1.35	1.19	1.09	1.00
Transformative religious experience	1.39	1.19	1.24	1.03	1.30	1.00	1.23	1.00
Religious reading or listening	1.68	1.41	1.15	1.00	1.76	1.36	1.21	1.00
Prayer or meditation	1.56	1.41	1.24	1.04	1.54	1.33	1.22	1.00
Belief in God/gods/spiritual forces	1.46	1.35	1.22	1.11	1.45	1.31	1.28	1.15
Religious centrality	1.74	1.57	1.12	1.00	1.64	1.43	1.15	1.00
Religious/spiritual comfort	1.81	1.65	1.21	1.00	1.76	1.56	1.25	1.00
Feel loved by God	1.98	1.84	1.38	1.25	1.93	1.76	1.37	1.20
Feel punished by God	1.20	1.00	1.18	1.00	1.11	1.00	1.25	1.00
Experienced religious criticism	1.14	1.00	1.16	1.00	1.29	1.00	1.20	1.00
Faith-sharing	2.16	1.95	1.43	1.26	1.97	1.70	1.36	1.07

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S20a. Weighted summary statistics for demographic and childhood variables in Kenya

Characteristic	Wave 1 N = 11,389	Wave 2 N = 7,712
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	63 (0.6%)	40 (0.5%)
1943-1953 (current age: 70-79 years)	327 (2.9%)	251 (3.3%)
1953-1963 (current age: 60-69 years)	667 (5.9%)	515 (6.7%)
1963-1973 (current age: 50-59 years)	1,010 (8.9%)	722 (9.4%)
1973-1983 (current age: 40-49 years)	1,619 (14.2%)	1,180 (15.3%)
1983-1993 (current age: 30-39 years)	2,429 (21.3%)	1,768 (22.9%)
1993-1998 (current age: 25-29 years)	1,866 (16.4%)	1,324 (17.2%)
1998-2005 (current age: 18-24 years)	3,402 (29.9%)	1,913 (24.8%)
(Missing)	5 (0.0%)	0 (0%)
<i>Age of participant</i>		
Mean	35.4	36.8
Standard Deviation	15.0	14.8
Min, Max	18.0, 97.0	19.0, 94.0
(Missing)	5 (<0.1%)	0 (0%)
<i>Gender, n (%)</i>		
Male	5,555 (48.8%)	3,769 (48.9%)
Female	5,824 (51.1%)	3,939 (51.1%)
Other	2 (0.0%)	1 (<0.0%)
(Missing)	7 (0.1%)	3 (0.0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	3,783 (33.2%)	2,276 (29.5%)
Married	6,405 (56.2%)	4,391 (56.9%)
Separated	458 (4.0%)	498 (6.5%)
Divorced	106 (0.9%)	66 (0.9%)
Widowed	441 (3.9%)	319 (4.1%)
Domestic partner	151 (1.3%)	148 (1.9%)
(Missing)	46 (0.4%)	14 (0.2%)
<i>Education (years), n (%)</i>		
Up to 8	4,736 (41.6%)	2,903 (37.6%)
9-15	5,910 (51.9%)	4,224 (54.8%)
16+	739 (6.5%)	585 (7.6%)
(Missing)	5 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,413 (12.4%)	1,193 (15.5%)
Self-employed	3,483 (30.6%)	2,357 (30.6%)
Retired	281 (2.5%)	161 (2.1%)
Student	1,325 (11.6%)	522 (6.8%)
Homemaker	1,514 (13.3%)	956 (12.4%)
Unemployed and looking for a job	3,224 (28.3%)	2,368 (30.7%)
None of these/Other	141 (1.2%)	136 (1.8%)
(Missing)	9 (0.1%)	17 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	2,733 (24.0%)	2,076 (26.9%)
Once a week	6,069 (53.3%)	3,690 (47.9%)
One to three times a month	1,242 (10.9%)	782 (10.1%)
A few times a year	861 (7.6%)	775 (10.1%)
Never	471 (4.1%)	380 (4.9%)
(Missing)	13 (0.1%)	8 (0.1%)
<i>Immigration status, n (%)</i>		

Table S20a. Weighted summary statistics for demographic and childhood variables in Kenya

Characteristic	Wave 1 N = 11,389	Wave 2 N = 7,712
Born in this country	11,268 (98.9%)	7,632 (99.0%)
Born in another country	119 (1.0%)	79 (1.0%)
(Missing)	2 (0.0%)	1 (<0.0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	9,225 (81.0%)	6,257 (81.1%)
Parents were divorced	713 (6.3%)	477 (6.2%)
Parents were never married	682 (6.0%)	445 (5.8%)
One or both of them had died	463 (4.1%)	338 (4.4%)
Unsure	110 (1.0%)	72 (0.9%)
(Missing)	196 (1.7%)	123 (1.6%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	9,157 (80.4%)	6,265 (81.2%)
One to three times a month	1,705 (15.0%)	1,105 (14.3%)
Less than once a month	245 (2.2%)	179 (2.3%)
Never	203 (1.8%)	122 (1.6%)
(Missing)	79 (0.7%)	41 (0.5%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	9,400 (82.5%)	6,401 (83.0%)
Somewhat good	1,445 (12.7%)	984 (12.8%)
Somewhat bad	134 (1.2%)	78 (1.0%)
Very bad	108 (0.9%)	64 (0.8%)
(Does not apply)	236 (2.1%)	147 (1.9%)
(Missing)	66 (0.6%)	37 (0.5%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	7,938 (69.7%)	5,354 (69.4%)
Somewhat good	1,906 (16.7%)	1,318 (17.1%)
Somewhat bad	220 (1.9%)	146 (1.9%)
Very bad	225 (2.0%)	154 (2.0%)
(Does not apply)	970 (8.5%)	661 (8.6%)
(Missing)	131 (1.1%)	80 (1.0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,249 (11.0%)	797 (10.3%)
No	10,089 (88.6%)	6,876 (89.2%)
(Missing)	52 (0.5%)	39 (0.5%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	1,319 (11.6%)	881 (11.4%)
No	10,022 (88.0%)	6,797 (88.1%)
(Missing)	48 (0.4%)	33 (0.4%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	4,459 (39.1%)	3,019 (39.1%)
Very good	2,612 (22.9%)	1,734 (22.5%)
Good	2,553 (22.4%)	1,751 (22.7%)
Fair	1,385 (12.2%)	957 (12.4%)
Poor	357 (3.1%)	242 (3.1%)
(Missing)	24 (0.2%)	8 (0.1%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	3,039 (26.7%)	2,010 (26.1%)
Got by	3,249 (28.5%)	2,237 (29.0%)
Found it difficult	4,085 (35.9%)	2,839 (36.8%)
Found it very difficult	997 (8.7%)	617 (8.0%)

Table S20a. Weighted summary statistics for demographic and childhood variables in Kenya

Characteristic	Wave 1 N = 11,389	Wave 2 N = 7,712
(Missing)	19 (0.2%)	9 (0.1%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	10,352 (90.9%)	7,049 (91.4%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	12 (0.1%)	6 (0.1%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	935 (8.2%)	596 (7.7%)
Hinduism	0 (0%)	0 (0%)
Buddhism	5 (0.0%)	1 (0.0%)
Judaism	6 (0.1%)	6 (0.1%)
Sikhism	0 (<0.0%)	1 (<0.0%)
Baha'i	3 (0.0%)	3 (0.0%)
Jainism	1 (<0.0%)	1 (0.0%)
Shinto	0 (0%)	0 (0%)
Some other religion	1 (<0.0%)	0 (0%)
No religion/Atheist/Agnostic	65 (0.6%)	41 (0.5%)
(Missing)	8 (0.1%)	9 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S20b. Weighted summary statistics for exposure and outcome variables in Kenya

Outcome	Wave 1 N = 11,389	Wave 2 N = 7,712
<i>Secure flourishing index</i>		
Mean	7.3	7.0
Standard Deviation	1.6	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	164 (1.4%)	39 (0.5%)
<i>Flourishing index</i>		
Mean	7.8	7.4
Standard Deviation	1.6	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	145 (1.3%)	34 (0.4%)
<i>Happiness & life satisfaction</i>		
Mean	6.7	6.3
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.2%)	12 (0.1%)
<i>Physical & mental health</i>		
Mean	8.4	8.0
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.2%)	8 (0.1%)
<i>Meaning & purpose</i>		
Mean	7.9	7.4
Standard Deviation	2.2	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (0.4%)	7 (<0.1%)
<i>Character & virtue</i>		
Mean	8.1	7.6
Standard Deviation	2.2	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.2%)	9 (0.1%)
<i>Close social relationships</i>		
Mean	7.9	7.4
Standard Deviation	2.4	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	44 (0.4%)	10 (0.1%)
<i>Financial & material security</i>		
Mean	4.9	5.0
Standard Deviation	3.4	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.2%)	8 (0.1%)
<i>Life satisfaction</i>		
Mean	6.0	5.8
Standard Deviation	3.5	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.1%)	5 (<0.1%)
<i>Happiness</i>		
Mean	7.3	6.9
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.1%)	7 (<0.1%)
<i>Self-rated physical health</i>		

Table S20b. Weighted summary statistics for exposure and outcome variables in Kenya

Outcome	Wave 1 N = 11,389	Wave 2 N = 7,712
Mean	8.1	7.6
Standard Deviation	2.7	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.1%)	6 (<0.1%)
<i>Self-rated mental health</i>		
Mean	8.7	8.4
Standard Deviation	2.3	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.2%)	4 (<0.1%)
<i>Understanding purpose</i>		
Mean	8.5	8.0
Standard Deviation	2.5	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.3%)	5 (<0.1%)
<i>Meaningful activities</i>		
Mean	7.2	6.9
Standard Deviation	3.1	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.2%)	2 (<0.1%)
<i>Orientation to promote good</i>		
Mean	8.2	7.6
Standard Deviation	2.7	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.1%)	3 (<0.1%)
<i>Delayed gratification</i>		
Mean	8.1	7.7
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.1%)	7 (<0.1%)
<i>Relationship contentment</i>		
Mean	8.1	7.6
Standard Deviation	2.7	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.2%)	8 (0.1%)
<i>Relationship satisfaction</i>		
Mean	7.7	7.2
Standard Deviation	3.0	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.2%)	4 (<0.1%)
<i>Financial security</i>		
Mean	4.8	4.9
Standard Deviation	3.8	3.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (<0.1%)	2 (<0.1%)
<i>Material security</i>		
Mean	5.0	5.0
Standard Deviation	3.9	3.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (<0.1%)	7 (<0.1%)
<i>Current life evaluation</i>		
Mean	5.5	5.5

Table S20b. Weighted summary statistics for exposure and outcome variables in Kenya

Outcome	Wave 1 N = 11,389	Wave 2 N = 7,712
Standard Deviation	3.3	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.2%)	2 (<0.1%)
<i>Future life evaluation</i>		
Mean	7.5	7.2
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	121 (1.1%)	20 (0.3%)
<i>Optimism</i>		
Mean	8.9	8.6
Standard Deviation	2.2	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (<0.1%)	9 (0.1%)
<i>Freedom to pursue what's important</i>		
Mean	8.4	7.9
Standard Deviation	2.6	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (<0.1%)	5 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	2,967 (26.1%)	1,670 (21.7%)
Often	3,949 (34.7%)	2,572 (33.4%)
Rarely	3,804 (33.4%)	3,007 (39.0%)
Never	645 (5.7%)	460 (6.0%)
(Missing)	24 (0.2%)	2 (0.0%)
<i>Life balance, n (%)</i>		
Always	2,464 (21.6%)	1,391 (18.0%)
Often	3,665 (32.2%)	2,309 (29.9%)
Rarely	4,562 (40.1%)	3,565 (46.2%)
Never	684 (6.0%)	445 (5.8%)
(Missing)	14 (0.1%)	1 (0.0%)
<i>Sense of mastery, n (%)</i>		
Always	4,086 (35.9%)	2,661 (34.5%)
Often	3,801 (33.4%)	2,404 (31.2%)
Rarely	2,992 (26.3%)	2,299 (29.8%)
Never	486 (4.3%)	330 (4.3%)
(Missing)	24 (0.2%)	18 (0.2%)
<i>Traumatic distress, n (%)</i>		
A lot	1,693 (14.9%)	1,397 (18.1%)
Some	3,602 (31.6%)	2,723 (35.3%)
Not very much	3,190 (28.0%)	1,871 (24.3%)
Not at all	2,889 (25.4%)	1,716 (22.3%)
(Missing)	15 (0.1%)	4 (0.1%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	4,473 (39.4%)	2,830 (36.7%)
	40 (0.4%)	8 (0.1%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	1,486 (13.0%)	1,130 (14.7%)
More than half the days	1,733 (15.2%)	925 (12.0%)
Several days	4,504 (39.5%)	3,169 (41.1%)
Not at all	3,648 (32.0%)	2,484 (32.2%)
(Missing)	18 (0.2%)	3 (0.0%)
<i>Depression – loss of interest, n (%)</i>		

Table S20b. Weighted summary statistics for exposure and outcome variables in Kenya

Outcome	Wave 1 N = 11,389	Wave 2 N = 7,712
Nearly every day	1,960 (17.2%)	1,312 (17.0%)
More than half the days	1,725 (15.2%)	948 (12.3%)
Several days	4,730 (41.5%)	3,391 (44.0%)
Not at all	2,952 (25.9%)	2,054 (26.6%)
(Missing)	22 (0.2%)	5 (0.1%)
<i>Anxiety symptoms composite, n (%)</i>	4,062 (35.8%)	2,673 (34.7%)
(Missing)	50 (0.4%)	7 (<0.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	1,527 (13.4%)	1,021 (13.2%)
More than half the days	1,567 (13.8%)	975 (12.6%)
Several days	4,202 (36.9%)	2,883 (37.4%)
Not at all	4,060 (35.7%)	2,830 (36.7%)
(Missing)	33 (0.3%)	2 (0.0%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	1,700 (14.9%)	1,280 (16.6%)
More than half the days	1,582 (13.9%)	969 (12.6%)
Several days	4,055 (35.6%)	2,742 (35.6%)
Not at all	4,034 (35.4%)	2,716 (35.2%)
(Missing)	19 (0.2%)	5 (0.1%)
<i>Suffering, n (%)</i>		
A lot	1,234 (10.8%)	931 (12.1%)
Some	3,978 (34.9%)	2,963 (38.4%)
Not very much	3,449 (30.3%)	2,069 (26.8%)
Not at all	2,710 (23.8%)	1,743 (22.6%)
(Missing)	18 (0.2%)	6 (0.1%)
<i>Social support</i>		
Mean	7.0	6.5
Standard Deviation	3.4	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.1%)	3 (<0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	9,278 (81.5%)	6,231 (80.8%)
No	2,104 (18.5%)	1,469 (19.0%)
(Missing)	7 (0.1%)	11 (0.1%)
<i>Government approval, n (%)</i>		
Strongly approve	2,554 (22.4%)	1,247 (16.2%)
Somewhat approve	3,359 (29.5%)	2,408 (31.2%)
Neither approve nor disapprove	1,661 (14.6%)	740 (9.6%)
Somewhat disapprove	1,312 (11.5%)	1,143 (14.8%)
Strongly disapprove	2,478 (21.8%)	2,155 (27.9%)
(Missing)	24 (0.2%)	19 (0.2%)
<i>Say in government, n (%)</i>		
Agree	4,334 (38.1%)	2,510 (32.6%)
Disagree	3,466 (30.4%)	2,003 (26.0%)
Unsure	3,573 (31.4%)	3,194 (41.4%)
(Missing)	16 (0.1%)	4 (0.1%)
<i>Belonging in country</i>		
Mean	7.8	7.4
Standard Deviation	3.1	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.3%)	15 (0.2%)

Table S20b. Weighted summary statistics for exposure and outcome variables in Kenya

Outcome	Wave 1 N = 11,389	Wave 2 N = 7,712
<i>City/place satisfaction, n (%)</i>		
Satisfied	9,080 (79.7%)	5,404 (70.1%)
Dissatisfied	1,246 (10.9%)	1,381 (17.9%)
Unsure	1,056 (9.3%)	919 (11.9%)
(Missing)	6 (0.1%)	7 (0.1%)
<i>Trust within country, n (%)</i>		
All people	301 (2.6%)	181 (2.3%)
Most people	1,111 (9.8%)	544 (7.1%)
Some people	4,517 (39.7%)	3,138 (40.7%)
Not very many people	4,563 (40.1%)	3,198 (41.5%)
None	853 (7.5%)	639 (8.3%)
(Missing)	43 (0.4%)	12 (0.2%)
<i>Number of children</i>		
Mean	2.0	2.6
Standard Deviation	1.9	2.5
Min, Max	0.0, 20.0	0.0, 97.0
(Missing)	3 (<0.1%)	231 (3.0%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	919 (8.1%)	692 (9.0%)
Once a week	2,245 (19.7%)	1,457 (18.9%)
One to three times a month	1,878 (16.5%)	1,172 (15.2%)
A few times a year	2,498 (21.9%)	1,666 (21.6%)
Never	3,831 (33.6%)	2,719 (35.3%)
(Missing)	18 (0.2%)	5 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	2,733 (24.0%)	2,076 (26.9%)
Once a week	6,069 (53.3%)	3,690 (47.9%)
One to three times a month	1,242 (10.9%)	782 (10.1%)
A few times a year	861 (7.6%)	775 (10.1%)
Never	471 (4.1%)	380 (4.9%)
(Missing)	13 (0.1%)	8 (0.1%)
<i>Loneliness</i>		
Mean	3.5	4.0
Standard Deviation	3.5	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.2%)	10 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	1,179 (10.4%)	698 (9.1%)
Often	2,192 (19.2%)	1,564 (20.3%)
Rarely	4,657 (40.9%)	3,419 (44.3%)
Never	3,330 (29.2%)	2,021 (26.2%)
(Missing)	30 (0.3%)	10 (0.1%)
<i>Hope</i>		
Mean	8.8	8.3
Standard Deviation	2.3	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.2%)	2 (<0.1%)
<i>Gratitude</i>		
Mean	8.1	7.8
Standard Deviation	2.7	2.9
Min, Max	0.0, 10.0	0.0, 10.0

Table S20b. Weighted summary statistics for exposure and outcome variables in Kenya

Outcome	Wave 1 N = 11,389	Wave 2 N = 7,712
(Missing)	21 (0.2%)	5 (<0.1%)
<i>Showing love/care</i>		
Mean	8.6	8.3
Standard Deviation	2.4	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.1%)	5 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	5,323 (46.7%)	3,534 (45.8%)
Often	4,321 (37.9%)	2,991 (38.8%)
Rarely	1,460 (12.8%)	1,012 (13.1%)
Never	278 (2.4%)	167 (2.2%)
(Missing)	8 (0.1%)	7 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	3,143 (27.6%)	2,905 (37.7%)
No	8,237 (72.3%)	4,797 (62.2%)
(Missing)	9 (0.1%)	10 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	7,423 (65.2%)	6,254 (81.1%)
No	3,943 (34.6%)	1,442 (18.7%)
(Missing)	23 (0.2%)	15 (0.2%)
<i>Volunteering, n (%)</i>		
Yes	4,467 (39.2%)	4,082 (52.9%)
No	6,900 (60.6%)	3,621 (47.0%)
(Missing)	22 (0.2%)	9 (0.1%)
<i>Health problems, n (%)</i>		
Yes	1,647 (14.5%)	1,614 (20.9%)
No	9,705 (85.2%)	6,085 (78.9%)
(Missing)	37 (0.3%)	12 (0.2%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	1,164 (10.2%)	1,002 (13.0%)
Some	3,905 (34.3%)	3,051 (39.6%)
Not very much	2,957 (26.0%)	1,634 (21.2%)
None at all	3,356 (29.5%)	2,023 (26.2%)
(Missing)	6 (0.1%)	2 (0.0%)
<i>Number of drinks per week</i>		
Mean	0.4	0.4
Standard Deviation	2.8	2.5
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	120 (1.1%)	30 (0.4%)
<i>Days exercise per week</i>		
Mean	2.6	2.7
Standard Deviation	2.7	2.7
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	28 (0.2%)	13 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	4,736 (41.6%)	2,903 (37.6%)
9-15	5,910 (51.9%)	4,224 (54.8%)
16+	739 (6.5%)	585 (7.6%)
(Missing)	5 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,413 (12.4%)	1,193 (15.5%)

Table S20b. Weighted summary statistics for exposure and outcome variables in Kenya

Outcome	Wave 1 N = 11,389	Wave 2 N = 7,712
Self-employed	3,483 (30.6%)	2,357 (30.6%)
Retired	281 (2.5%)	161 (2.1%)
Student	1,325 (11.6%)	522 (6.8%)
Homemaker	1,514 (13.3%)	956 (12.4%)
Unemployed and looking for a job	3,224 (28.3%)	2,368 (30.7%)
None of these/Other	141 (1.2%)	136 (1.8%)
(Missing)	9 (0.1%)	17 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	705 (6.2%)	461 (6.0%)
Getting by on present income	2,321 (20.4%)	1,494 (19.4%)
Finding it difficult on present income	5,205 (45.7%)	3,831 (49.7%)
Finding it very difficult on present income	3,130 (27.5%)	1,910 (24.8%)
(Missing)	27 (0.2%)	16 (0.2%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	5,704 (50.1%)	3,669 (47.6%)
Someone in this household rents this home	4,021 (35.3%)	3,085 (40.0%)
Both	505 (4.4%)	366 (4.8%)
Neither	1,136 (10.0%)	574 (7.4%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	23 (0.2%)	17 (0.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	6,077 (53.4%)	4,206 (54.5%)
Often	3,086 (27.1%)	2,029 (26.3%)
Rarely	1,770 (15.5%)	1,145 (14.8%)
Never	450 (4.0%)	327 (4.2%)
(Missing)	6 (0.1%)	5 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	8,112 (71.2%)	5,289 (68.6%)
No	1,515 (13.3%)	864 (11.2%)
Unsure	1,738 (15.3%)	1,548 (20.1%)
(Missing)	24 (0.2%)	11 (0.1%)
<i>Transformative religious experience, n (%)</i>		
Yes	7,344 (64.5%)	5,055 (65.5%)
No	3,947 (34.7%)	2,627 (34.1%)
(Missing)	98 (0.9%)	30 (0.4%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	3,239 (28.4%)	2,315 (30.0%)
About once a day	4,051 (35.6%)	2,600 (33.7%)
Sometimes	3,567 (31.3%)	2,445 (31.7%)
Never	512 (4.5%)	346 (4.5%)
(Missing)	20 (0.2%)	6 (0.1%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	6,027 (52.9%)	4,097 (53.1%)
About once a day	3,511 (30.8%)	2,348 (30.4%)
Sometimes	1,601 (14.1%)	1,087 (14.1%)
Never	233 (2.0%)	174 (2.3%)
(Missing)	18 (0.2%)	6 (0.1%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	10,895 (95.7%)	7,412 (96.1%)

Table S20b. Weighted summary statistics for exposure and outcome variables in Kenya

Outcome	Wave 1 N = 11,389	Wave 2 N = 7,712
More than one god	158 (1.4%)	57 (0.7%)
An impersonal spiritual force	148 (1.3%)	66 (0.9%)
None of these	57 (0.5%)	45 (0.6%)
Unsure	120 (1.1%)	125 (1.6%)
(Missing)	11 (0.1%)	5 (0.1%)
<i>Religious centrality, n (%)</i>		
Agree	9,204 (80.8%)	6,131 (79.5%)
Disagree	777 (6.8%)	414 (5.4%)
Not relevant	374 (3.3%)	187 (2.4%)
Unsure	1,025 (9.0%)	978 (12.7%)
(Missing)	8 (0.1%)	2 (0.0%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	9,975 (87.6%)	6,789 (88.0%)
Disagree	551 (4.8%)	248 (3.2%)
Not relevant	343 (3.0%)	125 (1.6%)
Unsure	514 (4.5%)	547 (7.1%)
(Missing)	6 (0.1%)	2 (0.0%)
<i>Feel loved by God, n (%)</i>		
Agree	10,528 (92.4%)	7,327 (95.0%)
Disagree	347 (3.0%)	81 (1.0%)
Not relevant	247 (2.2%)	70 (0.9%)
Unsure	260 (2.3%)	229 (3.0%)
(Missing)	7 (0.1%)	5 (0.1%)
<i>Feel punished by God, n (%)</i>		
Agree	4,867 (42.7%)	3,659 (47.4%)
Disagree	4,311 (37.8%)	2,452 (31.8%)
Not relevant	731 (6.4%)	301 (3.9%)
Unsure	1,460 (12.8%)	1,292 (16.8%)
(Missing)	20 (0.2%)	7 (0.1%)
<i>Experienced religious criticism, n (%)</i>		
Agree	5,881 (51.6%)	3,919 (50.8%)
Disagree	3,070 (27.0%)	1,830 (23.7%)
Not relevant	787 (6.9%)	449 (5.8%)
Unsure	1,637 (14.4%)	1,509 (19.6%)
(Missing)	15 (0.1%)	4 (0.1%)
<i>Faith-sharing, n (%)</i>		
Agree	9,244 (81.2%)	6,330 (82.1%)
Disagree	1,037 (9.1%)	504 (6.5%)
Not relevant	585 (5.1%)	327 (4.2%)
Unsure	516 (4.5%)	547 (7.1%)
(Missing)	7 (0.1%)	4 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S20c. Unweighted summary statistics for demographic and childhood variables in Kenya by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,642	Retained-Observed in Wave 2 N = 7,790
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	42 (1.2%)	20 (0.3%)
1943-1953 (current age: 70-79 years)	136 (3.7%)	191 (2.4%)
1953-1963 (current age: 60-69 years)	195 (5.3%)	476 (6.1%)
1963-1973 (current age: 50-59 years)	309 (8.5%)	706 (9.1%)
1973-1983 (current age: 40-49 years)	407 (11.2%)	1,226 (15.7%)
1983-1993 (current age: 30-39 years)	741 (20.4%)	1,699 (21.8%)
1993-1998 (current age: 25-29 years)	575 (15.8%)	1,300 (16.7%)
1998-2005 (current age: 18-24 years)	1,237 (34.0%)	2,168 (27.8%)
(Missing)	0 (0%)	5 (0.1%)
<i>Age of participant</i>		
Mean	35.0	35.6
Standard Deviation	16.0	14.4
Min, Max	18.0, 97.0	18.0, 92.0
(Missing)	0 (0%)	5 (<0.1%)
<i>Gender, n (%)</i>		
Male	1,624 (44.6%)	3,962 (50.9%)
Female	2,013 (55.3%)	3,825 (49.1%)
Other	2 (0.0%)	0 (<0.0%)
(Missing)	4 (0.1%)	3 (0.0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,280 (35.1%)	2,513 (32.3%)
Married	1,959 (53.8%)	4,476 (57.5%)
Separated	143 (3.9%)	317 (4.1%)
Divorced	46 (1.3%)	59 (0.8%)
Widowed	138 (3.8%)	305 (3.9%)
Domestic partner	58 (1.6%)	93 (1.2%)
(Missing)	18 (0.5%)	27 (0.3%)
<i>Education (years), n (%)</i>		
Up to 8	1,721 (47.3%)	3,020 (38.8%)
9-15	1,713 (47.0%)	4,230 (54.3%)
16+	203 (5.6%)	540 (6.9%)
(Missing)	5 (0.1%)	0 (<0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	442 (12.1%)	977 (12.5%)
Self-employed	1,078 (29.6%)	2,420 (31.1%)
Retired	88 (2.4%)	194 (2.5%)
Student	435 (11.9%)	895 (11.5%)
Homemaker	543 (14.9%)	973 (12.5%)
Unemployed and looking for a job	988 (27.1%)	2,251 (28.9%)
None of these/Other	62 (1.7%)	78 (1.0%)
(Missing)	7 (0.2%)	2 (0.0%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	855 (23.5%)	1,890 (24.3%)
Once a week	1,884 (51.7%)	4,212 (54.1%)
One to three times a month	416 (11.4%)	830 (10.7%)
A few times a year	292 (8.0%)	571 (7.3%)
Never	190 (5.2%)	280 (3.6%)
(Missing)	5 (0.1%)	8 (0.1%)

Table S20c. Unweighted summary statistics for demographic and childhood variables in Kenya by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,642	Retained-Observed in Wave 2 N = 7,790
<i>Immigration status, n (%)</i>		
Born in this country	3,581 (98.3%)	7,732 (99.2%)
Born in another country	60 (1.7%)	58 (0.7%)
(Missing)	1 (0.0%)	1 (<0.0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,934 (80.5%)	6,328 (81.2%)
Parents were divorced	241 (6.6%)	473 (6.1%)
Parents were never married	234 (6.4%)	450 (5.8%)
One or both of them had died	123 (3.4%)	344 (4.4%)
Unsure	37 (1.0%)	73 (0.9%)
(Missing)	73 (2.0%)	123 (1.6%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	2,839 (77.9%)	6,358 (81.6%)
One to three times a month	608 (16.7%)	1,100 (14.1%)
Less than once a month	71 (1.9%)	176 (2.3%)
Never	85 (2.3%)	117 (1.5%)
(Missing)	40 (1.1%)	39 (0.5%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	2,948 (80.9%)	6,492 (83.3%)
Somewhat good	474 (13.0%)	976 (12.5%)
Somewhat bad	58 (1.6%)	75 (1.0%)
Very bad	47 (1.3%)	61 (0.8%)
(Does not apply)	86 (2.4%)	150 (1.9%)
(Missing)	30 (0.8%)	36 (0.5%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	2,543 (69.8%)	5,425 (69.6%)
Somewhat good	589 (16.2%)	1,327 (17.0%)
Somewhat bad	70 (1.9%)	150 (1.9%)
Very bad	75 (2.1%)	151 (1.9%)
(Does not apply)	319 (8.7%)	654 (8.4%)
(Missing)	48 (1.3%)	83 (1.1%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	491 (13.5%)	757 (9.7%)
No	3,135 (86.1%)	6,998 (89.8%)
(Missing)	16 (0.5%)	36 (0.5%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	446 (12.2%)	877 (11.3%)
No	3,181 (87.3%)	6,881 (88.3%)
(Missing)	16 (0.4%)	32 (0.4%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,423 (39.1%)	3,053 (39.2%)
Very good	874 (24.0%)	1,745 (22.4%)
Good	792 (21.7%)	1,772 (22.7%)
Fair	413 (11.3%)	978 (12.6%)
Poor	124 (3.4%)	233 (3.0%)
(Missing)	15 (0.4%)	9 (0.1%)
<i>Subjective financial status of family growing up, n (%)</i>		

Table S20c. Unweighted summary statistics for demographic and childhood variables in Kenya by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,642	Retained-Observed in Wave 2 N = 7,790
Lived comfortably	1,017 (27.9%)	2,031 (26.1%)
Got by	970 (26.6%)	2,297 (29.5%)
Found it difficult	1,258 (34.5%)	2,846 (36.5%)
Found it very difficult	387 (10.6%)	609 (7.8%)
(Missing)	10 (0.3%)	8 (0.1%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	3,239 (88.9%)	7,157 (91.9%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	6 (0.2%)	6 (0.1%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	367 (10.1%)	567 (7.3%)
Hinduism	0 (0%)	0 (0%)
Buddhism	4 (0.1%)	1 (0.0%)
Judaism	0 (0%)	6 (0.1%)
Sikhism	0 (0%)	0 (<0.0%)
Baha'i	0 (0%)	4 (0.0%)
Jainism	0 (0%)	1 (0.0%)
Shinto	0 (0%)	0 (0%)
Some other religion	1 (0.0%)	0 (0%)
No religion/Atheist/Agnostic	24 (0.6%)	42 (0.5%)
(Missing)	2 (0.0%)	7 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S20d. Unweighted summary statistics for Wave 1 outcome variables in Kenya by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 3,642	Wave 2 N = 7,790
<i>Secure flourishing index</i>		
Mean	7.4	7.3
Standard Deviation	1.6	1.6
Min, Max	0.8, 10.0	0.0, 10.0
(Missing)	45 (1.2%)	120 (1.5%)
<i>Flourishing index</i>		
Mean	7.8	7.8
Standard Deviation	1.7	1.6
Min, Max	0.7, 10.0	0.0, 10.0
(Missing)	40 (1.1%)	106 (1.4%)
<i>Happiness & life satisfaction</i>		
Mean	6.8	6.6
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	15 (0.2%)
<i>Physical & mental health</i>		
Mean	8.4	8.4
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	22 (0.3%)
<i>Meaning & purpose</i>		
Mean	7.9	7.9
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	39 (0.5%)
<i>Character & virtue</i>		
Mean	8.1	8.1
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	14 (0.2%)
<i>Close social relationships</i>		
Mean	8.0	7.8
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	31 (0.4%)
<i>Financial & material security</i>		
Mean	5.1	4.8
Standard Deviation	3.4	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	15 (0.2%)
<i>Life satisfaction</i>		
Mean	6.1	5.9
Standard Deviation	3.6	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	10 (0.1%)
<i>Happiness</i>		
Mean	7.5	7.2
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0

Table S20d. Unweighted summary statistics for Wave 1 outcome variables in Kenya by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,642	N = 7,790
(Missing)	3 (<0.1%)	10 (0.1%)
<i>Self-rated physical health</i>		
Mean	8.1	8.1
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	10 (0.1%)
<i>Self-rated mental health</i>		
Mean	8.8	8.7
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	15 (0.2%)
<i>Understanding purpose</i>		
Mean	8.4	8.5
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	26 (0.3%)
<i>Meaningful activities</i>		
Mean	7.3	7.2
Standard Deviation	3.2	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	13 (0.2%)
<i>Orientation to promote good</i>		
Mean	8.2	8.2
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	11 (0.1%)
<i>Delayed gratification</i>		
Mean	8.0	8.1
Standard Deviation	2.9	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	6 (<0.1%)
<i>Relationship contentment</i>		
Mean	8.1	8.1
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	17 (0.2%)
<i>Relationship satisfaction</i>		
Mean	7.8	7.6
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	15 (0.2%)
<i>Financial security</i>		
Mean	5.0	4.7
Standard Deviation	3.9	3.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	4 (<0.1%)
<i>Material security</i>		
Mean	5.2	4.9
Standard Deviation	3.9	3.8

Table S20d. Unweighted summary statistics for Wave 1 outcome variables in Kenya by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,642	Wave 2 N = 7,790
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (<0.1%)	11 (0.1%)
<i>Current life evaluation</i>		
Mean	5.6	5.5
Standard Deviation	3.4	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	6 (<0.1%)
<i>Future life evaluation</i>		
Mean	7.5	7.5
Standard Deviation	2.9	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (1.3%)	74 (1.0%)
<i>Optimism</i>		
Mean	8.9	8.9
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	7 (<0.1%)
<i>Freedom to pursue what's important</i>		
Mean	8.5	8.4
Standard Deviation	2.5	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	9 (0.1%)
<i>Inner peace, n (%)</i>		
Always	963 (26.4%)	2,015 (25.9%)
Often	1,255 (34.5%)	2,709 (34.8%)
Rarely	1,191 (32.7%)	2,629 (33.7%)
Never	225 (6.2%)	421 (5.4%)
(Missing)	8 (0.2%)	16 (0.2%)
<i>Life balance, n (%)</i>		
Always	813 (22.3%)	1,658 (21.3%)
Often	1,158 (31.8%)	2,522 (32.4%)
Rarely	1,441 (39.6%)	3,139 (40.3%)
Never	224 (6.2%)	462 (5.9%)
(Missing)	5 (0.1%)	9 (0.1%)
<i>Sense of mastery, n (%)</i>		
Always	1,317 (36.2%)	2,784 (35.7%)
Often	1,224 (33.6%)	2,591 (33.3%)
Rarely	921 (25.3%)	2,084 (26.8%)
Never	174 (4.8%)	312 (4.0%)
(Missing)	6 (0.2%)	19 (0.2%)
<i>Traumatic distress, n (%)</i>		
A lot	521 (14.3%)	1,180 (15.1%)
Some	1,050 (28.8%)	2,573 (33.0%)
Not very much	1,060 (29.1%)	2,140 (27.5%)
Not at all	1,009 (27.7%)	1,885 (24.2%)
(Missing)	2 (0.1%)	13 (0.2%)
<i>Depression symptoms composite, n (%)</i>	1,344 (37.0%)	3,152 (40.6%)
(Missing)	8 (0.2%)	32 (0.4%)
<i>Depression – feel hopeless, n (%)</i>		

Table S20d. Unweighted summary statistics for Wave 1 outcome variables in Kenya by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,642	Wave 2 N = 7,790
Nearly every day	440 (12.1%)	1,054 (13.5%)
More than half the days	515 (14.1%)	1,228 (15.8%)
Several days	1,450 (39.8%)	3,071 (39.4%)
Not at all	1,237 (34.0%)	2,421 (31.1%)
(Missing)	2 (0.0%)	17 (0.2%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	568 (15.6%)	1,403 (18.0%)
More than half the days	510 (14.0%)	1,224 (15.7%)
Several days	1,526 (41.9%)	3,221 (41.3%)
Not at all	1,031 (28.3%)	1,927 (24.7%)
(Missing)	7 (0.2%)	15 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	1,246 (34.4%)	2,835 (36.5%)
(Missing)	20 (0.6%)	29 (0.4%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	456 (12.5%)	1,078 (13.8%)
More than half the days	462 (12.7%)	1,113 (14.3%)
Several days	1,383 (38.0%)	2,833 (36.4%)
Not at all	1,328 (36.4%)	2,746 (35.3%)
(Missing)	14 (0.4%)	19 (0.2%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	508 (14.0%)	1,200 (15.4%)
More than half the days	522 (14.3%)	1,065 (13.7%)
Several days	1,285 (35.3%)	2,786 (35.8%)
Not at all	1,320 (36.2%)	2,728 (35.0%)
(Missing)	7 (0.2%)	11 (0.1%)
<i>Suffering, n (%)</i>		
A lot	419 (11.5%)	818 (10.5%)
Some	1,148 (31.5%)	2,853 (36.6%)
Not very much	1,111 (30.5%)	2,351 (30.2%)
Not at all	955 (26.2%)	1,760 (22.6%)
(Missing)	10 (0.3%)	8 (0.1%)
<i>Social support</i>		
Mean	7.1	6.9
Standard Deviation	3.4	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	12 (0.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	2,880 (79.1%)	6,439 (82.7%)
No	760 (20.9%)	1,346 (17.3%)
(Missing)	2 (0.1%)	5 (0.1%)
<i>Government approval, n (%)</i>		
Strongly approve	883 (24.2%)	1,677 (21.5%)
Somewhat approve	1,018 (27.9%)	2,358 (30.3%)
Neither approve nor disapprove	562 (15.4%)	1,103 (14.2%)
Somewhat disapprove	366 (10.0%)	955 (12.3%)
Strongly disapprove	807 (22.2%)	1,679 (21.6%)
(Missing)	6 (0.2%)	19 (0.2%)
<i>Say in government, n (%)</i>		
Agree	1,382 (37.9%)	2,969 (38.1%)

Table S20d. Unweighted summary statistics for Wave 1 outcome variables in Kenya by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 3,642	N = 7,790
Disagree	1,075 (29.5%)	2,406 (30.9%)
Unsure	1,178 (32.3%)	2,406 (30.9%)
(Missing)	7 (0.2%)	9 (0.1%)
<i>Belonging in country</i>		
Mean	7.8	7.8
Standard Deviation	3.1	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	15 (0.2%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	2,907 (79.8%)	6,207 (79.7%)
Dissatisfied	381 (10.5%)	871 (11.2%)
Unsure	352 (9.7%)	708 (9.1%)
(Missing)	2 (0.0%)	5 (0.1%)
<i>Trust within country, n (%)</i>		
All people	114 (3.1%)	187 (2.4%)
Most people	396 (10.9%)	717 (9.2%)
Some people	1,403 (38.5%)	3,134 (40.2%)
Not very many people	1,446 (39.7%)	3,136 (40.3%)
None	274 (7.5%)	582 (7.5%)
(Missing)	9 (0.3%)	34 (0.4%)
<i>Number of children</i>		
Mean	2.0	2.0
Standard Deviation	1.9	1.8
Min, Max	0.0, 15.0	0.0, 20.0
(Missing)	1 (<0.1%)	2 (<0.1%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	289 (7.9%)	633 (8.1%)
Once a week	684 (18.8%)	1,572 (20.2%)
One to three times a month	575 (15.8%)	1,312 (16.8%)
A few times a year	797 (21.9%)	1,711 (22.0%)
Never	1,291 (35.4%)	2,551 (32.7%)
(Missing)	7 (0.2%)	12 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	855 (23.5%)	1,890 (24.3%)
Once a week	1,884 (51.7%)	4,212 (54.1%)
One to three times a month	416 (11.4%)	830 (10.7%)
A few times a year	292 (8.0%)	571 (7.3%)
Never	190 (5.2%)	280 (3.6%)
(Missing)	5 (0.1%)	8 (0.1%)
<i>Loneliness</i>		
Mean	3.4	3.6
Standard Deviation	3.5	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.3%)	10 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	399 (11.0%)	784 (10.1%)
Often	696 (19.1%)	1,505 (19.3%)
Rarely	1,437 (39.4%)	3,241 (41.6%)
Never	1,103 (30.3%)	2,237 (28.7%)

Table S20d. Unweighted summary statistics for Wave 1 outcome variables in Kenya by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,642	N = 7,790
(Missing)	7 (0.2%)	24 (0.3%)
<i>Hope</i>		
Mean	8.7	8.8
Standard Deviation	2.5	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	21 (0.3%)
<i>Gratitude</i>		
Mean	8.0	8.1
Standard Deviation	2.8	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	14 (0.2%)
<i>Showing love/care</i>		
Mean	8.5	8.6
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	7 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	1,635 (44.9%)	3,712 (47.6%)
Often	1,400 (38.4%)	2,936 (37.7%)
Rarely	501 (13.8%)	962 (12.4%)
Never	101 (2.8%)	177 (2.3%)
(Missing)	5 (0.1%)	2 (0.0%)
<i>Charitable giving, n (%)</i>		
Yes	1,019 (28.0%)	2,135 (27.4%)
No	2,620 (71.9%)	5,650 (72.5%)
(Missing)	4 (0.1%)	6 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	2,279 (62.6%)	5,178 (66.5%)
No	1,355 (37.2%)	2,598 (33.3%)
(Missing)	8 (0.2%)	14 (0.2%)
<i>Volunteering, n (%)</i>		
Yes	1,396 (38.3%)	3,090 (39.7%)
No	2,240 (61.5%)	4,685 (60.1%)
(Missing)	6 (0.2%)	16 (0.2%)
<i>Health problems, n (%)</i>		
Yes	559 (15.3%)	1,092 (14.0%)
No	3,067 (84.2%)	6,678 (85.7%)
(Missing)	17 (0.5%)	20 (0.3%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	348 (9.6%)	822 (10.5%)
Some	1,210 (33.2%)	2,712 (34.8%)
Not very much	942 (25.9%)	2,027 (26.0%)
None at all	1,140 (31.3%)	2,225 (28.6%)
(Missing)	2 (0.1%)	4 (0.1%)
<i>Number of drinks per week</i>		
Mean	0.5	0.4
Standard Deviation	3.4	2.5
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	45 (1.2%)	74 (1.0%)

Table S20d. Unweighted summary statistics for Wave 1 outcome variables in Kenya by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 3,642	Wave 2 N = 7,790
<i>Days exercise per week</i>		
Mean	2.6	2.7
Standard Deviation	2.7	2.7
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	10 (0.3%)	18 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	1,721 (47.3%)	3,020 (38.8%)
9-15	1,713 (47.0%)	4,230 (54.3%)
16+	203 (5.6%)	540 (6.9%)
(Missing)	5 (0.1%)	0 (<0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	442 (12.1%)	977 (12.5%)
Self-employed	1,078 (29.6%)	2,420 (31.1%)
Retired	88 (2.4%)	194 (2.5%)
Student	435 (11.9%)	895 (11.5%)
Homemaker	543 (14.9%)	973 (12.5%)
Unemployed and looking for a job	988 (27.1%)	2,251 (28.9%)
None of these/Other	62 (1.7%)	78 (1.0%)
(Missing)	7 (0.2%)	2 (0.0%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	262 (7.2%)	443 (5.7%)
Getting by on present income	695 (19.1%)	1,638 (21.0%)
Finding it difficult on present income	1,695 (46.5%)	3,529 (45.3%)
Finding it very difficult on present income	977 (26.8%)	2,167 (27.8%)
(Missing)	13 (0.4%)	14 (0.2%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,803 (49.5%)	3,924 (50.4%)
Someone in this household rents this home	1,272 (34.9%)	2,764 (35.5%)
Both	163 (4.5%)	344 (4.4%)
Neither	395 (10.8%)	744 (9.5%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	9 (0.2%)	14 (0.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,874 (51.5%)	4,231 (54.3%)
Often	979 (26.9%)	2,119 (27.2%)
Rarely	620 (17.0%)	1,153 (14.8%)
Never	169 (4.6%)	281 (3.6%)
(Missing)	0 (<0.0%)	6 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	2,507 (68.8%)	5,642 (72.4%)
No	500 (13.7%)	1,020 (13.1%)
Unsure	623 (17.1%)	1,117 (14.3%)
(Missing)	12 (0.3%)	12 (0.2%)
<i>Transformative religious experience, n (%)</i>		
Yes	2,295 (63.0%)	5,080 (65.2%)
No	1,314 (36.1%)	2,645 (33.9%)
(Missing)	33 (0.9%)	66 (0.8%)

Table S20d. Unweighted summary statistics for Wave 1 outcome variables in Kenya by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 3,642	Wave 2 N = 7,790
<i>Religious reading or listening, n (%)</i>		
More than once a day	980 (26.9%)	2,276 (29.2%)
About once a day	1,312 (36.0%)	2,753 (35.3%)
Sometimes	1,145 (31.4%)	2,435 (31.3%)
Never	202 (5.6%)	309 (4.0%)
(Missing)	3 (0.1%)	17 (0.2%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	1,823 (50.0%)	4,234 (54.3%)
About once a day	1,149 (31.5%)	2,373 (30.5%)
Sometimes	575 (15.8%)	1,029 (13.2%)
Never	91 (2.5%)	142 (1.8%)
(Missing)	5 (0.1%)	13 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	3,459 (95.0%)	7,479 (96.0%)
More than one god	65 (1.8%)	92 (1.2%)
An impersonal spiritual force	51 (1.4%)	97 (1.2%)
None of these	18 (0.5%)	40 (0.5%)
Unsure	48 (1.3%)	73 (0.9%)
(Missing)	1 (0.0%)	9 (0.1%)
<i>Religious centrality, n (%)</i>		
Agree	2,901 (79.6%)	6,341 (81.4%)
Disagree	243 (6.7%)	537 (6.9%)
Not relevant	140 (3.8%)	234 (3.0%)
Unsure	357 (9.8%)	671 (8.6%)
(Missing)	2 (0.1%)	7 (0.1%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	3,173 (87.1%)	6,841 (87.8%)
Disagree	182 (5.0%)	371 (4.8%)
Not relevant	123 (3.4%)	220 (2.8%)
Unsure	164 (4.5%)	352 (4.5%)
(Missing)	0 (0%)	6 (0.1%)
<i>Feel loved by God, n (%)</i>		
Agree	3,348 (91.9%)	7,221 (92.7%)
Disagree	120 (3.3%)	228 (2.9%)
Not relevant	89 (2.5%)	158 (2.0%)
Unsure	82 (2.3%)	179 (2.3%)
(Missing)	2 (0.1%)	4 (0.1%)
<i>Feel punished by God, n (%)</i>		
Agree	1,590 (43.7%)	3,294 (42.3%)
Disagree	1,358 (37.3%)	2,970 (38.1%)
Not relevant	253 (6.9%)	480 (6.2%)
Unsure	437 (12.0%)	1,031 (13.2%)
(Missing)	4 (0.1%)	16 (0.2%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,955 (53.7%)	3,944 (50.6%)
Disagree	938 (25.7%)	2,147 (27.6%)
Not relevant	266 (7.3%)	523 (6.7%)
Unsure	481 (13.2%)	1,165 (15.0%)
(Missing)	3 (0.1%)	12 (0.2%)

Table S20d. Unweighted summary statistics for Wave 1 outcome variables in Kenya by retention status.

Outcome	Attritons–NotRetained–Observed in	
	Observed in Wave 2 N = 3,642	Wave 2 N = 7,790
<i>Faith-sharing, n (%)</i>		
Agree	2,881 (79.1%)	6,403 (82.2%)
Disagree	360 (9.9%)	679 (8.7%)
Not relevant	215 (5.9%)	370 (4.8%)
Unsure	185 (5.1%)	331 (4.3%)
(Missing)	1 (0.0%)	7 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S20e. Summary of fitted attrition model in Kenya

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.92	0.84, 1.00	0.042
Happiness & life satisfaction	1.00	0.94, 1.07	0.954
Physical & mental health	0.98	0.93, 1.05	0.626
Meaning & purpose	1.03	0.97, 1.09	0.340
Character & virtue	1.05	1.00, 1.11	0.061
Close social relationships	0.93	0.88, 0.99	0.023
Financial & material security	0.95	0.90, 1.01	0.086
Extraversion	0.97	0.92, 1.03	0.342
Openness to experience	1.13	1.07, 1.19	1.14e-05
Agreeableness	1.00	0.95, 1.05	0.929
Conscientiousness	1.14	1.08, 1.21	9.74e-06
Neuroticism	1.07	1.01, 1.13	0.022
Depression symptoms composite	1.06	1.00, 1.12	0.041
Anxiety symptoms composite	1.00	0.94, 1.06	0.965
Loneliness	1.07	1.01, 1.12	0.012
Days exercise per week	0.99	0.94, 1.05	0.788
Year of birth (age group)			
1998-2005 (current age: 18-24 years)	—	—	
1983-1993 (current age: 30-39 years)	1.47	1.24, 1.73	8.04e-06
1993-1998 (current age: 25-29 years)	1.33	1.14, 1.55	3.73e-04
1973-1983 (current age: 40-49 years)	2.13	1.75, 2.58	1.26e-12
1963-1973 (current age: 50-59 years)	1.68	1.31, 2.16	7.22e-05
1953-1963 (current age: 60-69 years)	1.88	1.31, 2.70	7.55e-04
1943-1953 (current age: 70-79 years)	1.16	0.75, 1.79	0.506
1943 or earlier (current age: 80+ years)	0.33	0.14, 0.75	0.008
Gender of respondent			
Female	—	—	
Male	1.28	1.14, 1.43	5.28e-05
Other	0.09	0.01, 1.56	0.098
Marital status			
Married	—	—	
Single/Never been married	0.91	0.79, 1.05	0.199
Separated	0.99	0.76, 1.29	0.931
Widowed	1.33	0.96, 1.83	0.083
Domestic partner	0.76	0.50, 1.13	0.174
Divorced	0.50	0.32, 0.79	0.003
Employment status			
Self-employed	—	—	
Unemployed and looking for a job	1.21	1.05, 1.39	0.008
Employed for an employer	0.98	0.83, 1.15	0.791
Homemaker	1.00	0.84, 1.19	0.989
Student	1.19	0.97, 1.45	0.096
Retired	1.20	0.76, 1.88	0.436
None of these/Other	0.70	0.41, 1.19	0.185
Religious attendance			
Once a week	—	—	
More than once a week	1.02	0.89, 1.15	0.813
One to three times a month	0.92	0.78, 1.08	0.318
A few times a year	0.89	0.73, 1.08	0.242
Never	0.70	0.54, 0.92	0.010
Educational attainment (16+ years)			
9-15	—	—	

Table S20e. Summary of fitted attrition model in Kenya

Characteristic	Odds Ratio	95% CI	p-value
<i>Up to 8</i>	0.68	0.60, 0.77	3.23e-09
<i>16+</i>	0.99	0.80, 1.22	0.901
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.46	0.28, 0.75	0.002
Race plurality (prominent race/ethnic group [0] or not [1])	1.07	1.01, 1.14	0.024
Urbanicity			
<i>A rural area or on a farm</i>	—	—	
<i>A small town or village</i>	0.85	0.75, 0.98	0.021
<i>A suburb of a large city</i>	0.94	0.76, 1.17	0.600
<i>A large city</i>	1.09	0.69, 1.72	0.714
Monthly household income			
<i>Kenya: 8,001 – 10,000 Kshs/month</i>	—	—	
<i>(None/No household income)</i>	0.91	0.73, 1.12	0.367
<i>Kenya: 4,001 – 5,000 Kshs/month</i>	0.91	0.73, 1.14	0.403
<i>Kenya: 5,001 – 6,000 Kshs/month</i>	0.97	0.77, 1.22	0.821
<i>Kenya: 12,001 – 18,000 Kshs/month</i>	1.22	0.97, 1.52	0.085
<i>Kenya: 2,001 – 3,000 Kshs/month</i>	1.19	0.94, 1.51	0.136
<i>Kenya: 10,001 – 12,000 Kshs/month</i>	1.06	0.84, 1.33	0.636
<i>Kenya: 6,001 – 8,000 Kshs/month</i>	1.11	0.88, 1.41	0.367
<i>Kenya: 18,001 – 25,000 Kshs/month</i>	1.22	0.99, 1.52	0.063
<i>Kenya: 1,001 – 2,000 Kshs/month</i>	1.20	0.93, 1.54	0.171
<i>Kenya: 25,001 – 40,000 Kshs/month</i>	1.16	0.88, 1.54	0.291
<i>Kenya: 3,001 – 4,000 Kshs/month</i>	0.90	0.67, 1.20	0.456
<i>Kenya: 500 Kshs/month or less</i>	1.36	1.03, 1.79	0.028
<i>Kenya: 551 – 1,000 Kshs/month</i>	1.01	0.76, 1.35	0.944
<i>Kenya: 40,001 – 80,000 Kshs/month</i>	1.02	0.72, 1.44	0.927
<i>Kenya: More than 80,000 Kshs/month</i>	0.59	0.32, 1.09	0.093

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=11389; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S20f. Summary of principal components in Kenya

PC	Percent Explained by each PC	Cumulative Percent Explained
1	27.59	27.59
2	4.02	31.60
3	2.62	34.22
4	2.17	36.40
5	2.10	38.50
6	1.90	40.39
7	1.74	42.14
8	1.62	43.76
9	1.51	45.27
10	1.38	46.65
11	1.34	47.99
12	1.28	49.27
13	1.25	50.52
14	1.22	51.74
15	1.19	52.93
16	1.17	54.10
17	1.14	55.25
18	1.12	56.37
19	1.09	57.46
20	1.08	58.54

Notes. N=11389; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S20g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Kenya

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.40	(0.37,0.43)	0.01	2.22e-16***	0.30	(0.27,0.33)	0.02	2.22e-16***
Flourishing index	0.36	(0.33,0.39)	0.01	2.22e-16***	0.23	(0.19,0.26)	0.02	2.22e-16***
Happiness & life satisfaction	0.27	(0.25,0.30)	0.01	2.22e-16***	0.11	(0.08,0.14)	0.01	1.82e-13***
Physical & mental health	0.24	(0.21,0.27)	0.02	2.22e-16***	0.10	(0.07,0.13)	0.02	2.99e-09***
Meaning & purpose	0.27	(0.24,0.29)	0.01	2.22e-16***	0.13	(0.10,0.16)	0.02	4.44e-16***
Character & virtue	0.18	(0.15,0.21)	0.01	2.22e-16***	0.07	(0.04,0.09)	0.01	1.61e-06***
Close social relationships	0.25	(0.22,0.28)	0.01	2.22e-16***	0.12	(0.09,0.14)	0.01	2.22e-16***
Financial & material security	0.27	(0.25,0.30)	0.01	2.22e-16***	0.15	(0.12,0.18)	0.01	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.23	(0.20,0.26)	0.01	2.22e-16***	0.08	(0.06,0.11)	0.01	1.11e-09***
Happiness (a)	0.22	(0.19,0.24)	0.01	2.22e-16***	0.06	(0.03,0.09)	0.01	1.24e-05***
Self-rated physical health (b)	0.23	(0.21,0.26)	0.01	2.22e-16***	0.10	(0.07,0.13)	0.01	2.64e-11***
Self-rated mental health (b)	0.16	(0.13,0.19)	0.02	2.22e-16***	0.04	(0.01,0.07)	0.01	3.09e-03**
Understanding purpose (c)	0.18	(0.15,0.21)	0.01	2.22e-16***	0.08	(0.05,0.10)	0.01	2.15e-07***
Meaningful activities (c)	0.23	(0.20,0.26)	0.01	2.22e-16***	0.10	(0.07,0.12)	0.01	1.23e-12***
Orientation to promote good (d)	0.16	(0.13,0.19)	0.01	2.22e-16***	0.06	(0.04,0.09)	0.01	1.98e-06***
Delayed gratification (d)	0.13	(0.11,0.16)	0.01	2.22e-16***	0.04	(0.01,0.06)	0.01	3.98e-03**
Relationship contentment (e)	0.20	(0.18,0.23)	0.01	2.22e-16***	0.08	(0.06,0.11)	0.01	2.21e-11***
Relationship satisfaction (e)	0.22	(0.19,0.25)	0.01	2.22e-16***	0.09	(0.07,0.12)	0.01	2.97e-12***
Financial security (f)	0.23	(0.21,0.26)	0.01	2.22e-16***	0.09	(0.06,0.12)	0.01	2.31e-10***
Material security (f)	0.25	(0.22,0.27)	0.01	2.22e-16***	0.11	(0.08,0.13)	0.01	2.45e-13***
<i>Psychological Well-Being</i>								
Current life evaluation	0.16	(0.14,0.19)	0.01	2.22e-16***	0.03	(0.00,0.06)	0.01	0.037*
Future life evaluation	0.17	(0.14,0.19)	0.01	2.22e-16***	0.04	(0.01,0.06)	0.01	0.012*
Optimism	0.10	(0.08,0.13)	0.01	1.68e-13***	0.02	(-0.01,0.04)	0.01	0.174
Freedom to pursue what's important	0.18	(0.15,0.20)	0.01	2.22e-16***	0.06	(0.03,0.09)	0.01	2.45e-05***
Inner peace	0.10	(0.08,0.13)	0.01	8.88e-16***	0.04	(0.01,0.06)	0.01	1.58e-03**
Life balance	0.14	(0.12,0.17)	0.01	2.22e-16***	0.05	(0.03,0.07)	0.01	9.65e-06***
Sense of mastery	0.14	(0.12,0.16)	0.01	2.22e-16***	0.07	(0.04,0.09)	0.01	1.05e-08***
<i>Psychological Distress</i>								
Traumatic distress	-0.07	(-0.09,-0.04)	0.01	1.83e-08***	-0.00	(-0.02,0.02)	0.01	0.822
Depression symptoms composite	-0.13	(-0.15,-0.10)	0.01	2.22e-16***	-0.01	(-0.03,0.02)	0.01	0.576
Depression – feel hopeless	-0.12	(-0.14,-0.09)	0.01	2.22e-16***	-0.00	(-0.03,0.02)	0.01	0.845
Depression – loss of interest	-0.08	(-0.11,-0.06)	0.01	1.45e-10***	0.02	(-0.01,0.04)	0.01	0.218
Anxiety symptoms composite	-0.13	(-0.15,-0.10)	0.01	2.22e-16***	-0.00	(-0.03,0.02)	0.01	0.911
Anxiety – feel on edge	-0.09	(-0.12,-0.07)	0.01	1.23e-12***	0.02	(-0.00,0.05)	0.01	0.061
Anxiety – cannot stop worrying	-0.11	(-0.13,-0.08)	0.01	2.22e-16***	0.01	(-0.02,0.03)	0.01	0.542
Suffering	-0.12	(-0.15,-0.10)	0.01	2.22e-16***	-0.04	(-0.06,-0.01)	0.01	3.88e-03**
<i>Social Well-Being</i>								
Social support	0.13	(0.10,0.15)	0.01	2.22e-16***	0.02	(0.00,0.05)	0.01	0.045*
Intimate/close friend	0.04	(0.02,0.06)	0.01	6.08e-04***	0.03	(0.01,0.05)	0.01	0.016*
Government approval	0.11	(0.08,0.13)	0.01	2.22e-16***	0.04	(0.01,0.06)	0.01	3.74e-03**
Say in government	0.11	(0.09,0.14)	0.01	2.22e-16***	0.05	(0.03,0.08)	0.01	2.12e-05***
Belonging in country	0.17	(0.14,0.20)	0.01	2.22e-16***	0.06	(0.03,0.08)	0.01	5.8e-05***
City/place satisfaction	0.11	(0.09,0.14)	0.01	2.22e-16***	0.06	(0.04,0.08)	0.01	1.2e-07***
Trust within country	0.07	(0.05,0.10)	0.01	1.76e-08***	0.04	(0.01,0.06)	0.01	2.09e-03**
<i>Social Participation</i>								
Ever been married	-0.10	(-0.19,-0.01)	0.05	0.029*	-0.04	(-0.12,0.04)	0.04	0.378
Currently divorced	-0.02	(-0.04,-0.00)	0.01	0.042*	-0.00	(-0.02,0.02)	0.01	0.776
Number of children	-0.03	(-0.06,-0.01)	0.01	0.018*	-0.04	(-0.06,-0.01)	0.01	4.27e-03**
Weekly+ community participation	0.02	(0.00,0.05)	0.01	0.049*	0.02	(-0.01,0.04)	0.01	0.195
Weekly+ religious attendance	0.03	(0.00,0.05)	0.01	0.033*	0.00	(-0.02,0.03)	0.01	0.793
<i>Social Distress</i>								
Loneliness	-0.20	(-0.22,-0.17)	0.01	2.22e-16***	-0.07	(-0.10,-0.04)	0.01	2.49e-07***
Perceived discrimination	-0.03	(-0.05,-0.00)	0.01	0.032*	-0.01	(-0.03,0.01)	0.01	0.527
<i>Character & Prosocial Behavior</i>								
Hope	0.14	(0.11,0.16)	0.01	2.22e-16***	0.04	(0.01,0.06)	0.01	0.007*
Gratitude	0.14	(0.12,0.17)	0.01	2.22e-16***	0.04	(0.02,0.07)	0.01	4.17e-04***
Showing love/care	0.11	(0.09,0.14)	0.01	6.66e-16***	0.02	(-0.01,0.04)	0.01	0.170
Forgivingness	0.05	(0.03,0.07)	0.01	1.98e-05***	0.02	(-0.01,0.04)	0.01	0.141
Charitable giving	-0.01	(-0.03,0.02)	0.01	0.628	-0.02	(-0.04,0.01)	0.01	0.153
Helping strangers	-0.01	(-0.04,0.01)	0.01	0.387	-0.01	(-0.03,0.01)	0.01	0.404
Volunteering	-0.00	(-0.03,0.03)	0.01	0.966	-0.01	(-0.04,0.01)	0.01	0.278
<i>Physical Health & Health Behavior</i>								
Health problems	-0.08	(-0.11,-0.05)	0.01	7.22e-09***	-0.03	(-0.06,-0.01)	0.01	0.017*
Pain in past 4 weeks	-0.09	(-0.11,-0.06)	0.01	2.44e-11***	-0.02	(-0.04,0.01)	0.01	0.198
Daily smoker	-0.01	(-0.04,0.01)	0.01	0.369	-0.00	(-0.03,0.02)	0.01	0.696
Number of drinks per week	0.00	(-0.02,0.02)	0.01	0.953	0.00	(-0.02,0.02)	0.01	0.902
Days exercise per week	0.06	(0.03,0.09)	0.01	1.09e-05***	0.03	(0.01,0.06)	0.01	0.011*
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.00	(-0.02,0.02)	0.01	0.925	0.01	(-0.01,0.03)	0.01	0.429
Currently employed	0.06	(0.04,0.09)	0.01	2.07e-06***	0.04	(0.02,0.06)	0.01	2.47e-04***
Financially comfortable/getting by	0.13	(0.11,0.15)	0.01	2.22e-16***	0.05	(0.03,0.07)	0.01	2.49e-06***
Own home	0.08	(0.05,0.10)	0.01	5.19e-10***	0.04	(0.02,0.06)	0.01	2.49e-04***
Income – top quintile	-0.00	(-0.03,0.03)	0.01	0.890	-0.01	(-0.04,0.01)	0.01	0.332
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.07	(0.04,0.09)	0.01	6.7e-08***	0.03	(0.01,0.05)	0.01	0.016*
Belief in life after death	0.04	(0.02,0.07)	0.01	8.89e-04**	0.03	(0.01,0.05)	0.01	0.009*
Transformative religious experience	0.03	(0.01,0.06)	0.01	0.005*	0.03	(0.01,0.05)	0.01	0.006*
Religious reading or listening	0.02	(-0.01,0.04)	0.01	0.245	0.01	(-0.01,0.04)	0.01	0.307
Prayer or meditation	0.01	(-0.02,0.03)	0.01	0.592	0.00	(-0.02,0.02)	0.01	0.994
Belief in God/gods/spiritual forces	0.02	(-0.01,0.04)	0.01	0.238	0.02	(-0.01,0.04)	0.01	0.198
Religious centrality	0.09	(0.06,0.11)	0.01	4.13e-12***	0.07	(0.05,0.09)	0.01	1.92e-08***
Religious/spiritual comfort	0.07	(0.04,0.09)	0.01	1.09e-07***	0.05	(0.03,0.08)	0.01	8.86e-05***
Feel loved by God	0.01	(-0.01,0.03)	0.01	0.188	-0.00	(-0.02,0.02)	0.01	0.781
Feel punished by God	0.01	(-0.01,0.04)	0.01	0.270	0.01	(-0.02,0.03)	0.01	0.661
Experienced religious criticism	-0.01	(-0.04,0.01)	0.01	0.279	-0.02	(-0.04,0.00)	0.01	0.115
Faith-sharing	0.05	(0.03,0.08)	0.01	1.36e-05***	0.05	(0.02,0.07)	0.01	1.24e-04***

Notes. N=11389; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S20h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Kenya using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.36	(0.32,0.39)	0.02	2.22e-16***	0.27	(0.23,0.31)	0.02	2.22e-16***
Flourishing index	0.32	(0.29,0.35)	0.02	2.22e-16***	0.21	(0.17,0.24)	0.02	2.22e-16***
Happiness & life satisfaction	0.25	(0.22,0.28)	0.02	2.22e-16***	0.11	(0.08,0.15)	0.02	5.28e-11***
Physical & mental health	0.21	(0.17,0.25)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	3.16e-06***
Meaning & purpose	0.24	(0.20,0.27)	0.02	2.22e-16***	0.12	(0.09,0.16)	0.02	3.61e-11***
Character & virtue	0.16	(0.13,0.19)	0.02	2.22e-16***	0.08	(0.04,0.11)	0.02	1.68e-05***
Close social relationships	0.22	(0.19,0.25)	0.02	2.22e-16***	0.11	(0.08,0.14)	0.02	2.62e-12***
Financial & material security	0.25	(0.22,0.28)	0.02	2.22e-16***	0.13	(0.10,0.16)	0.02	2.66e-15***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.21	(0.18,0.24)	0.02	2.22e-16***	0.09	(0.06,0.12)	0.02	8.98e-08***
Happiness (a)	0.19	(0.16,0.22)	0.02	2.22e-16***	0.06	(0.03,0.09)	0.02	8.94e-05***
Self-rated physical health (b)	0.21	(0.17,0.24)	0.02	2.22e-16***	0.09	(0.06,0.13)	0.02	9.54e-08***
Self-rated mental health (b)	0.13	(0.10,0.17)	0.02	3.08e-13***	0.04	(0.01,0.07)	0.02	0.023*
Understanding purpose (c)	0.16	(0.12,0.19)	0.02	2.22e-16***	0.07	(0.04,0.11)	0.02	9.1e-05***
Meaningful activities (c)	0.20	(0.17,0.24)	0.02	2.22e-16***	0.09	(0.06,0.13)	0.02	3.01e-09***
Orientation to promote good (d)	0.15	(0.12,0.18)	0.02	2.22e-16***	0.07	(0.04,0.10)	0.02	1.96e-05***
Delayed gratification (d)	0.11	(0.08,0.14)	0.02	3.38e-11***	0.04	(0.01,0.07)	0.02	0.010*
Relationship contentment (e)	0.18	(0.15,0.21)	0.01	2.22e-16***	0.08	(0.06,0.11)	0.01	3.04e-09***
Relationship satisfaction (e)	0.19	(0.16,0.22)	0.02	2.22e-16***	0.08	(0.05,0.11)	0.02	3.2e-07***
Financial security (f)	0.21	(0.18,0.24)	0.02	2.22e-16***	0.08	(0.05,0.11)	0.02	5.07e-07***
Material security (f)	0.22	(0.19,0.25)	0.02	2.22e-16***	0.09	(0.06,0.13)	0.02	8.44e-08***
<i>Psychological Well-Being</i>								
Current life evaluation	0.15	(0.12,0.18)	0.02	2.22e-16***	0.04	(0.00,0.07)	0.02	0.025*
Future life evaluation	0.15	(0.12,0.18)	0.02	2.22e-16***	0.04	(0.00,0.07)	0.02	0.033*
Optimism	0.09	(0.06,0.12)	0.02	1.02e-07***	0.02	(-0.01,0.06)	0.02	0.162
Freedom to pursue what's important	0.16	(0.13,0.19)	0.01	2.22e-16***	0.06	(0.02,0.09)	0.02	7.05e-04**
Inner peace	0.09	(0.06,0.12)	0.02	1.22e-09***	0.03	(0.00,0.06)	0.01	0.045*
Life balance	0.13	(0.11,0.16)	0.01	2.22e-16***	0.05	(0.02,0.07)	0.01	1.26e-03**
Sense of mastery	0.13	(0.10,0.16)	0.02	2.22e-16***	0.06	(0.03,0.09)	0.01	8.8e-05***
<i>Psychological Distress</i>								
Traumatic distress	-0.06	(-0.09,-0.04)	0.01	4.61e-06***	-0.01	(-0.03,0.02)	0.01	0.690
Depression symptoms composite	-0.11	(-0.14,-0.08)	0.01	3.33e-14***	-0.00	(-0.03,0.02)	0.01	0.793
Depression – feel hopeless	-0.10	(-0.13,-0.08)	0.01	1.16e-12***	0.00	(-0.03,0.03)	0.02	0.894
Depression – loss of interest	-0.08	(-0.10,-0.05)	0.01	2.26e-07***	0.01	(-0.01,0.04)	0.01	0.339
Anxiety symptoms composite	-0.11	(-0.14,-0.09)	0.01	3.11e-15***	0.01	(-0.02,0.03)	0.01	0.693
Anxiety – feel on edge	-0.08	(-0.11,-0.06)	0.01	4.59e-09***	0.03	(-0.00,0.05)	0.01	0.058
Anxiety – cannot stop worrying	-0.10	(-0.12,-0.07)	0.01	3.07e-12***	0.02	(-0.01,0.04)	0.01	0.263
Suffering	-0.12	(-0.14,-0.09)	0.02	2.44e-14***	-0.04	(-0.07,-0.01)	0.01	0.009*
<i>Social Well-Being</i>								
Social support	0.11	(0.09,0.14)	0.01	2.22e-16***	0.02	(-0.00,0.05)	0.01	0.102
Intimate/close friend	0.03	(-0.00,0.05)	0.01	0.063	0.01	(-0.01,0.04)	0.01	0.291
Government approval	0.10	(0.07,0.13)	0.02	7.62e-10***	0.03	(-0.00,0.06)	0.01	0.051
Say in government	0.10	(0.08,0.13)	0.01	1.29e-12***	0.05	(0.02,0.08)	0.01	3.76e-04***
Belonging in country	0.15	(0.12,0.19)	0.02	2.22e-16***	0.06	(0.02,0.09)	0.02	5.55e-04***
City/place satisfaction	0.11	(0.08,0.14)	0.01	7.99e-15***	0.05	(0.03,0.08)	0.01	1.55e-04***
Trust within country	0.07	(0.04,0.09)	0.01	1.66e-06***	0.03	(0.01,0.06)	0.01	0.013*
<i>Social Participation</i>								
Ever been married	-0.13	(-0.24,-0.03)	0.05	0.016*	-0.07	(-0.17,0.03)	0.05	0.195
Currently divorced	-0.02	(-0.04,0.00)	0.01	0.116	-0.01	(-0.02,0.01)	0.01	0.450
Number of children	-0.03	(-0.06,-0.00)	0.01	0.023*	-0.04	(-0.07,-0.02)	0.01	2.03e-03**
Weekly+ community participation	0.02	(-0.01,0.05)	0.01	0.262	0.01	(-0.02,0.03)	0.01	0.668
Weekly+ religious attendance	0.02	(-0.01,0.04)	0.01	0.251	-0.01	(-0.03,0.02)	0.01	0.692
<i>Social Distress</i>								
Loneliness	-0.18	(-0.21,-0.15)	0.02	2.22e-16***	-0.07	(-0.10,-0.04)	0.02	1.17e-05***
Perceived discrimination	-0.03	(-0.06,-0.01)	0.01	0.019*	-0.01	(-0.04,0.02)	0.01	0.468
<i>Character & Prosocial Behavior</i>								
Hope	0.12	(0.09,0.15)	0.01	4.44e-16***	0.04	(0.01,0.07)	0.02	0.010*
Gratitude	0.12	(0.09,0.14)	0.01	5.55e-15***	0.04	(0.01,0.07)	0.01	0.006*
Showing love/care	0.09	(0.06,0.12)	0.02	5.96e-09***	0.01	(-0.02,0.04)	0.02	0.422
Forgivingness	0.04	(0.01,0.06)	0.01	2.28e-03**	0.01	(-0.01,0.03)	0.01	0.392
Charitable giving	-0.01	(-0.04,0.02)	0.02	0.634	-0.02	(-0.05,0.01)	0.01	0.198
Helping strangers	-0.02	(-0.05,0.01)	0.01	0.162	-0.02	(-0.04,0.01)	0.01	0.182
Volunteering	-0.00	(-0.03,0.03)	0.02	0.963	-0.01	(-0.04,0.01)	0.01	0.362
<i>Physical Health & Health Behavior</i>								
Health problems	-0.08	(-0.11,-0.04)	0.02	6.71e-06***	-0.03	(-0.06,0.00)	0.02	0.072
Pain in past 4 weeks	-0.08	(-0.11,-0.05)	0.01	8.17e-08***	-0.02	(-0.04,0.01)	0.01	0.271
Daily smoker	-0.00	(-0.03,0.02)	0.01	0.755	0.01	(-0.02,0.03)	0.01	0.563
Number of drinks per week	0.00	(-0.03,0.03)	0.01	0.933	0.01	(-0.02,0.03)	0.01	0.584
Days exercise per week	0.05	(0.02,0.08)	0.02	7.62e-04**	0.03	(-0.00,0.06)	0.01	0.052
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.00	(-0.02,0.03)	0.01	0.680	0.01	(-0.01,0.03)	0.01	0.278
Currently employed	0.06	(0.03,0.09)	0.01	5.17e-05***	0.04	(0.01,0.06)	0.01	0.007*
Financially comfortable/getting by	0.11	(0.09,0.14)	0.01	2.22e-16***	0.04	(0.01,0.06)	0.01	1.79e-03**
Own home	0.08	(0.05,0.11)	0.01	1.11e-07***	0.04	(0.01,0.07)	0.01	0.006*
Income – top quintile	0.00	(-0.03,0.04)	0.02	0.852	-0.01	(-0.04,0.03)	0.02	0.757
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.06	(0.03,0.09)	0.01	1.24e-04***	0.02	(-0.01,0.05)	0.01	0.154
Belief in life after death	0.04	(0.01,0.07)	0.02	0.012*	0.02	(-0.00,0.05)	0.02	0.099
Transformative religious experience	0.03	(0.01,0.06)	0.01	0.016*	0.03	(0.01,0.06)	0.01	0.009*
Religious reading or listening	0.02	(-0.01,0.04)	0.01	0.302	0.01	(-0.02,0.04)	0.01	0.498
Prayer or meditation	0.01	(-0.02,0.04)	0.01	0.511	0.00	(-0.02,0.03)	0.01	0.705
Belief in God/gods/spiritual forces	0.01	(-0.02,0.04)	0.02	0.587	0.01	(-0.02,0.04)	0.02	0.442
Religious centrality	0.09	(0.06,0.12)	0.01	3.6e-09***	0.07	(0.04,0.10)	0.01	4.63e-07***
Religious/spiritual comfort	0.06	(0.03,0.09)	0.01	3.92e-05***	0.05	(0.02,0.08)	0.02	1.62e-03**
Feel loved by God	0.01	(-0.01,0.03)	0.01	0.340	0.00	(-0.02,0.03)	0.01	0.922
Feel punished by God	0.01	(-0.02,0.04)	0.02	0.638	0.00	(-0.02,0.03)	0.02	0.756
Experienced religious criticism	-0.02	(-0.05,0.01)	0.02	0.195	-0.02	(-0.05,0.01)	0.01	0.163
Faith-sharing	0.05	(0.02,0.08)	0.01	6.43e-04**	0.05	(0.02,0.08)	0.01	1.13e-03**

Notes. N=7698; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S20i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Kenya

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	1.82	1.77	1.65	1.60	1.75	1.70	1.60	1.54
Flourishing index	1.75	1.70	1.53	1.48	1.69	1.63	1.50	1.44
Happiness & life satisfaction	1.43	1.40	1.24	1.20	1.40	1.37	1.24	1.20
Physical & mental health	1.47	1.43	1.26	1.21	1.43	1.38	1.25	1.18
Meaning & purpose	1.48	1.44	1.29	1.24	1.44	1.39	1.28	1.23
Character & virtue	1.36	1.33	1.19	1.14	1.33	1.29	1.21	1.15
Close social relationships	1.43	1.40	1.26	1.23	1.40	1.36	1.25	1.21
Financial & material security	1.36	1.34	1.25	1.22	1.34	1.31	1.23	1.19
Individual Flourishing Index Items								
Life satisfaction	1.32	1.29	1.17	1.14	1.30	1.27	1.18	1.14
Happiness	1.34	1.31	1.15	1.11	1.31	1.28	1.16	1.11
Self-rated physical health	1.38	1.35	1.23	1.18	1.36	1.32	1.22	1.17
Self-rated mental health	1.33	1.29	1.15	1.08	1.30	1.24	1.15	1.05
Understanding purpose	1.34	1.30	1.20	1.15	1.31	1.26	1.19	1.13
Meaningful activities	1.34	1.32	1.20	1.17	1.32	1.29	1.20	1.16
Orientation to promote good	1.30	1.27	1.17	1.13	1.29	1.25	1.18	1.13
Delayed gratification	1.26	1.22	1.12	1.07	1.23	1.19	1.13	1.06
Relationship contentment	1.34	1.31	1.20	1.16	1.32	1.29	1.20	1.16
Relationship satisfaction	1.34	1.32	1.20	1.17	1.31	1.28	1.19	1.14
Financial security	1.30	1.28	1.17	1.14	1.28	1.26	1.16	1.12
Material security	1.31	1.29	1.19	1.16	1.29	1.27	1.17	1.13
Psychological Well-Being								
Current life evaluation	1.27	1.24	1.10	1.02	1.25	1.22	1.11	1.04
Future life evaluation	1.29	1.26	1.12	1.05	1.27	1.24	1.12	1.03
Optimism	1.25	1.21	1.10	1.00	1.24	1.18	1.11	1.00
Freedom to pursue what's important	1.33	1.30	1.17	1.12	1.31	1.27	1.16	1.10
Inner peace	1.72	1.58	1.36	1.20	1.66	1.50	1.30	1.04
Life balance	1.92	1.79	1.43	1.29	1.87	1.72	1.39	1.22
Sense of mastery	1.97	1.84	1.54	1.40	1.91	1.74	1.49	1.31
Psychological Distress								
Traumatic distress	1.52	1.39	1.07	1.00	1.50	1.34	1.11	1.00
Depression symptoms composite	1.85	1.72	1.13	1.00	1.75	1.60	1.09	1.00
Depression – feel hopeless	1.86	1.72	1.08	1.00	1.77	1.60	1.07	1.00
Depression – loss of interest	1.63	1.48	1.21	1.00	1.58	1.42	1.20	1.00
Anxiety symptoms composite	1.87	1.73	1.05	1.00	1.79	1.63	1.11	1.00
Anxiety – feel on edge	1.71	1.56	1.28	1.00	1.65	1.48	1.30	1.00
Anxiety – cannot stop worrying	1.79	1.65	1.14	1.00	1.73	1.57	1.21	1.00
Suffering	1.81	1.67	1.34	1.17	1.77	1.61	1.35	1.15
Social Well-Being								
Social support	1.22	1.20	1.09	1.01	1.21	1.18	1.08	1.00
Intimate/close friend	1.42	1.25	1.32	1.12	1.33	1.00	1.22	1.00
Government approval	1.74	1.60	1.34	1.17	1.67	1.50	1.29	1.00
Say in government	1.78	1.64	1.44	1.29	1.73	1.57	1.42	1.25
Belonging in country	1.28	1.25	1.15	1.10	1.27	1.23	1.15	1.09
City/place satisfaction	1.91	1.75	1.56	1.41	1.88	1.70	1.51	1.32
Trust within country	1.54	1.40	1.34	1.18	1.51	1.36	1.32	1.13
Social Participation								
Ever been married	1.72	1.16	1.35	1.00	1.90	1.28	1.53	1.00
Currently divorced	1.72	1.10	1.18	1.00	1.64	1.00	1.34	1.00
Number of children	1.14	1.05	1.15	1.08	1.15	1.05	1.17	1.10
Weekly+ community participation	1.29	1.02	1.21	1.00	1.22	1.00	1.12	1.00
Weekly+ religious attendance	1.31	1.07	1.09	1.00	1.23	1.00	1.12	1.00
Social Distress								
Loneliness	1.28	1.26	1.16	1.12	1.27	1.25	1.15	1.11
Perceived discrimination	1.29	1.07	1.13	1.00	1.34	1.12	1.16	1.00
Character & Prosocial Behavior								
Hope	1.30	1.26	1.13	1.07	1.27	1.23	1.14	1.07
Gratitude	1.27	1.24	1.14	1.09	1.24	1.20	1.13	1.07
Showing love/care	1.25	1.22	1.09	1.00	1.22	1.18	1.07	1.00
Forgivingness	1.51	1.34	1.25	1.00	1.42	1.22	1.18	1.00
Charitable giving	1.13	1.00	1.23	1.00	1.14	1.00	1.23	1.00
Helping strangers	1.17	1.00	1.16	1.00	1.24	1.00	1.22	1.00
Volunteering	1.03	1.00	1.19	1.00	1.04	1.00	1.18	1.00
Physical Health & Health Behavior								
Health problems	1.78	1.57	1.39	1.14	1.74	1.48	1.37	1.00
Pain in past 4 weeks	1.61	1.48	1.20	1.00	1.58	1.42	1.21	1.00
Daily smoker	1.29	1.00	1.16	1.00	1.16	1.00	1.22	1.00
Number of drinks per week	1.02	1.00	1.02	1.00	1.02	1.00	1.05	1.00
Days exercise per week	1.16	1.12	1.12	1.05	1.15	1.10	1.11	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.06	1.00	1.19	1.00	1.14	1.00	1.24	1.00
Currently employed	1.48	1.34	1.37	1.23	1.47	1.30	1.34	1.15
Financially comfortable/getting by	1.95	1.81	1.46	1.32	1.83	1.67	1.39	1.21
Own home	1.57	1.43	1.36	1.22	1.58	1.42	1.35	1.17
Income – top quintile	1.07	1.00	1.20	1.00	1.10	1.00	1.12	1.00
Religion & Spirituality								
Religious/spiritual connection	1.60	1.44	1.34	1.13	1.54	1.33	1.28	1.00
Belief in life after death	1.40	1.23	1.32	1.14	1.38	1.15	1.28	1.00
Transformative religious experience	1.34	1.16	1.32	1.15	1.34	1.12	1.34	1.15
Religious reading or listening	1.21	1.00	1.18	1.00	1.20	1.00	1.15	1.00
Prayer or meditation	1.14	1.00	1.01	1.00	1.18	1.00	1.12	1.00
Belief in God/gods/spiritual forces	1.50	1.00	1.50	1.00	1.34	1.00	1.41	1.00
Religious centrality	1.75	1.58	1.63	1.46	1.74	1.55	1.65	1.46
Religious/spiritual comfort	1.71	1.51	1.59	1.37	1.64	1.40	1.58	1.30
Feel loved by God	1.27	1.00	1.11	1.00	1.23	1.00	1.07	1.00
Feel punished by God	1.19	1.00	1.11	1.00	1.13	1.00	1.10	1.00
Experienced religious criticism	1.19	1.00	1.23	1.00	1.23	1.00	1.24	1.00
Faith-sharing	1.53	1.35	1.47	1.29	1.50	1.28	1.48	1.27

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S21a. Weighted summary statistics for demographic and childhood variables in Mexico

Characteristic	Wave 1 N = 5,776	Wave 2 N = 2,264
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	65 (1.1%)	39 (1.7%)
1943-1953 (current age: 70-79 years)	262 (4.5%)	117 (5.2%)
1953-1963 (current age: 60-69 years)	576 (10.0%)	248 (11.0%)
1963-1973 (current age: 50-59 years)	854 (14.8%)	354 (15.6%)
1973-1983 (current age: 40-49 years)	1,009 (17.5%)	407 (18.0%)
1983-1993 (current age: 30-39 years)	1,263 (21.9%)	514 (22.7%)
1993-1998 (current age: 25-29 years)	605 (10.5%)	234 (10.3%)
1998-2005 (current age: 18-24 years)	1,141 (19.8%)	351 (15.5%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	41.0	42.8
Standard Deviation	16.3	16.3
Min, Max	18.0, 99.0	19.0, 93.0
<i>Gender, n (%)</i>		
Male	2,757 (47.7%)	1,088 (48.0%)
Female	2,994 (51.8%)	1,169 (51.6%)
Other	3 (0.1%)	1 (0.0%)
(Missing)	22 (0.4%)	7 (0.3%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,481 (25.6%)	596 (26.3%)
Married	2,044 (35.4%)	842 (37.2%)
Separated	398 (6.9%)	149 (6.6%)
Divorced	221 (3.8%)	83 (3.6%)
Widowed	335 (5.8%)	143 (6.3%)
Domestic partner	1,126 (19.5%)	416 (18.4%)
(Missing)	171 (3.0%)	36 (1.6%)
<i>Education (years), n (%)</i>		
Up to 8	1,311 (22.7%)	396 (17.5%)
9-15	3,229 (55.9%)	1,292 (57.0%)
16+	1,234 (21.4%)	577 (25.5%)
(Missing)	1 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,880 (32.5%)	812 (35.9%)
Self-employed	1,048 (18.1%)	466 (20.6%)
Retired	381 (6.6%)	155 (6.9%)
Student	283 (4.9%)	60 (2.7%)
Homemaker	1,285 (22.2%)	437 (19.3%)
Unemployed and looking for a job	581 (10.1%)	149 (6.6%)
None of these/Other	174 (3.0%)	100 (4.4%)
(Missing)	145 (2.5%)	85 (3.8%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	604 (10.5%)	198 (8.7%)
Once a week	1,249 (21.6%)	496 (21.9%)
One to three times a month	673 (11.7%)	222 (9.8%)
A few times a year	2,060 (35.7%)	861 (38.0%)
Never	1,146 (19.8%)	481 (21.2%)
(Missing)	44 (0.8%)	7 (0.3%)
<i>Immigration status, n (%)</i>		
Born in this country	5,510 (95.4%)	2,191 (96.8%)

Table S21a. Weighted summary statistics for demographic and childhood variables in Mexico

Characteristic	Wave 1 N = 5,776	Wave 2 N = 2,264
Born in another country	109 (1.9%)	39 (1.7%)
(Missing)	157 (2.7%)	33 (1.5%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	3,966 (68.7%)	1,617 (71.4%)
Parents were divorced	345 (6.0%)	115 (5.1%)
Parents were never married	846 (14.6%)	350 (15.4%)
One or both of them had died	175 (3.0%)	68 (3.0%)
Unsure	137 (2.4%)	49 (2.2%)
(Missing)	307 (5.3%)	65 (2.9%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	2,498 (43.2%)	988 (43.7%)
One to three times a month	1,166 (20.2%)	452 (20.0%)
Less than once a month	1,092 (18.9%)	455 (20.1%)
Never	951 (16.5%)	335 (14.8%)
(Missing)	69 (1.2%)	35 (1.5%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	3,899 (67.5%)	1,491 (65.8%)
Somewhat good	1,351 (23.4%)	565 (24.9%)
Somewhat bad	174 (3.0%)	82 (3.6%)
Very bad	91 (1.6%)	33 (1.5%)
(Does not apply)	181 (3.1%)	64 (2.8%)
(Missing)	80 (1.4%)	30 (1.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	3,074 (53.2%)	1,155 (51.0%)
Somewhat good	1,563 (27.1%)	654 (28.9%)
Somewhat bad	334 (5.8%)	145 (6.4%)
Very bad	272 (4.7%)	103 (4.5%)
(Does not apply)	474 (8.2%)	185 (8.2%)
(Missing)	59 (1.0%)	23 (1.0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	779 (13.5%)	312 (13.8%)
No	4,887 (84.6%)	1,926 (85.1%)
(Missing)	110 (1.9%)	26 (1.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	907 (15.7%)	405 (17.9%)
No	4,592 (79.5%)	1,806 (79.8%)
(Missing)	277 (4.8%)	54 (2.4%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,853 (32.1%)	709 (31.3%)
Very good	1,346 (23.3%)	560 (24.7%)
Good	1,681 (29.1%)	656 (29.0%)
Fair	746 (12.9%)	286 (12.6%)
Poor	135 (2.3%)	44 (1.9%)
(Missing)	14 (0.2%)	10 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,773 (30.7%)	691 (30.5%)
Got by	1,876 (32.5%)	723 (31.9%)
Found it difficult	1,713 (29.7%)	700 (30.9%)
Found it very difficult	367 (6.3%)	134 (5.9%)
(Missing)	47 (0.8%)	16 (0.7%)

Table S21a. Weighted summary statistics for demographic and childhood variables in Mexico

Characteristic	Wave 1 N = 5,776	Wave 2 N = 2,264
<i>Religious affiliation growing up, n (%)</i>		
Christianity	5,321 (92.1%)	2,117 (93.5%)
Taoism	4 (0.1%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	2 (0.0%)	0 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	5 (0.1%)	1 (0.1%)
Hinduism	1 (0.0%)	1 (0.0%)
Buddhism	1 (0.0%)	0 (0%)
Judaism	9 (0.2%)	7 (0.3%)
Sikhism	4 (0.1%)	2 (0.1%)
Baha'i	2 (0.0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	2 (0.0%)	0 (0%)
Some other religion	7 (0.1%)	5 (0.2%)
No religion/Atheist/Agnostic	341 (5.9%)	96 (4.2%)
(Missing)	76 (1.3%)	34 (1.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S21b. Weighted summary statistics for exposure and outcome variables in Mexico

Outcome	Wave 1 N = 5,776	Wave 2 N = 2,264
<i>Secure flourishing index</i>		
Mean	7.6	7.6
Standard Deviation	1.4	1.3
Min, Max	0.0, 10.0	0.8, 10.0
(Missing)	191 (3.3%)	59 (2.6%)
<i>Flourishing index</i>		
Mean	8.2	8.1
Standard Deviation	1.4	1.3
Min, Max	0.0, 10.0	0.9, 10.0
(Missing)	171 (3.0%)	49 (2.2%)
<i>Happiness & life satisfaction</i>		
Mean	7.8	7.7
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.5%)	12 (0.5%)
<i>Physical & mental health</i>		
Mean	8.1	7.9
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.5%)	7 (0.3%)
<i>Meaning & purpose</i>		
Mean	8.4	8.3
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	33 (0.6%)	9 (0.4%)
<i>Character & virtue</i>		
Mean	8.4	8.5
Standard Deviation	1.5	1.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	77 (1.3%)	10 (0.5%)
<i>Close social relationships</i>		
Mean	8.2	8.1
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	37 (0.6%)	15 (0.7%)
<i>Financial & material security</i>		
Mean	4.8	5.2
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (0.5%)	11 (0.5%)
<i>Life satisfaction</i>		
Mean	7.8	7.7
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.3%)	8 (0.3%)
<i>Happiness</i>		
Mean	7.8	7.7
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.3%)	7 (0.3%)
<i>Self-rated physical health</i>		

Table S21b. Weighted summary statistics for exposure and outcome variables in Mexico

Outcome	Wave 1 N = 5,776	Wave 2 N = 2,264
Mean	7.8	7.6
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.3%)	7 (0.3%)
<i>Self-rated mental health</i>		
Mean	8.3	8.2
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	1 (<0.1%)
<i>Understanding purpose</i>		
Mean	8.4	8.3
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.4%)	8 (0.3%)
<i>Meaningful activities</i>		
Mean	8.4	8.3
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.2%)	1 (<0.1%)
<i>Orientation to promote good</i>		
Mean	8.6	8.6
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	33 (0.6%)	3 (0.1%)
<i>Delayed gratification</i>		
Mean	8.3	8.3
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (0.9%)	7 (0.3%)
<i>Relationship contentment</i>		
Mean	8.4	8.4
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.4%)	8 (0.4%)
<i>Relationship satisfaction</i>		
Mean	8.0	7.9
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.3%)	12 (0.5%)
<i>Financial security</i>		
Mean	4.9	5.4
Standard Deviation	3.7	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.1%)	6 (0.3%)
<i>Material security</i>		
Mean	4.8	5.0
Standard Deviation	3.8	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.4%)	8 (0.4%)
<i>Current life evaluation</i>		
Mean	7.1	7.1

Table S21b. Weighted summary statistics for exposure and outcome variables in Mexico

Outcome	Wave 1 N = 5,776	Wave 2 N = 2,264
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	2 (0.1%)
<i>Future life evaluation</i>		
Mean	8.3	8.2
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	170 (2.9%)	12 (0.5%)
<i>Optimism</i>		
Mean	9.1	9.0
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.3%)	5 (0.2%)
<i>Freedom to pursue what's important</i>		
Mean	8.5	8.5
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	7 (0.3%)
<i>Inner peace, n (%)</i>		
Always	1,597 (27.6%)	669 (29.5%)
Often	2,255 (39.0%)	1,142 (50.4%)
Rarely	1,453 (25.2%)	365 (16.1%)
Never	427 (7.4%)	72 (3.2%)
(Missing)	44 (0.8%)	17 (0.7%)
<i>Life balance, n (%)</i>		
Always	1,455 (25.2%)	505 (22.3%)
Often	2,910 (50.4%)	1,210 (53.4%)
Rarely	1,136 (19.7%)	454 (20.1%)
Never	238 (4.1%)	87 (3.8%)
(Missing)	37 (0.6%)	9 (0.4%)
<i>Sense of mastery, n (%)</i>		
Always	2,512 (43.5%)	865 (38.2%)
Often	2,605 (45.1%)	1,153 (50.9%)
Rarely	509 (8.8%)	195 (8.6%)
Never	88 (1.5%)	36 (1.6%)
(Missing)	63 (1.1%)	16 (0.7%)
<i>Traumatic distress, n (%)</i>		
A lot	771 (13.4%)	274 (12.1%)
Some	1,404 (24.3%)	604 (26.7%)
Not very much	1,711 (29.6%)	662 (29.2%)
Not at all	1,864 (32.3%)	715 (31.6%)
(Missing)	26 (0.4%)	9 (0.4%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,613 (28.2%)	648 (28.8%)
	64 (1.1%)	17 (0.8%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	539 (9.3%)	232 (10.3%)
More than half the days	674 (11.7%)	288 (12.7%)
Several days	1,867 (32.3%)	720 (31.8%)
Not at all	2,669 (46.2%)	1,018 (45.0%)
(Missing)	27 (0.5%)	6 (0.3%)
<i>Depression – loss of interest, n (%)</i>		

Table S21b. Weighted summary statistics for exposure and outcome variables in Mexico

Outcome	Wave 1 N = 5,776	Wave 2 N = 2,264
Nearly every day	637 (11.0%)	239 (10.6%)
More than half the days	842 (14.6%)	335 (14.8%)
Several days	1,932 (33.4%)	800 (35.3%)
Not at all	2,322 (40.2%)	879 (38.8%)
(Missing)	43 (0.7%)	11 (0.5%)
<i>Anxiety symptoms composite, n (%)</i>	1,706 (29.8%)	697 (31.0%)
(Missing)	54 (0.9%)	15 (0.7%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	671 (11.6%)	216 (9.5%)
More than half the days	675 (11.7%)	312 (13.8%)
Several days	2,016 (34.9%)	762 (33.7%)
Not at all	2,388 (41.3%)	967 (42.7%)
(Missing)	26 (0.4%)	7 (0.3%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	738 (12.8%)	275 (12.1%)
More than half the days	707 (12.2%)	310 (13.7%)
Several days	1,633 (28.3%)	696 (30.8%)
Not at all	2,661 (46.1%)	975 (43.0%)
(Missing)	38 (0.6%)	9 (0.4%)
<i>Suffering, n (%)</i>		
A lot	492 (8.5%)	176 (7.8%)
Some	1,748 (30.3%)	748 (33.0%)
Not very much	1,845 (31.9%)	747 (33.0%)
Not at all	1,665 (28.8%)	583 (25.8%)
(Missing)	25 (0.4%)	10 (0.5%)
<i>Social support</i>		
Mean	8.3	8.2
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.5%)	10 (0.4%)
<i>Intimate/close friend, n (%)</i>		
Yes	4,532 (78.5%)	1,773 (78.3%)
No	1,192 (20.6%)	471 (20.8%)
(Missing)	52 (0.9%)	20 (0.9%)
<i>Government approval, n (%)</i>		
Strongly approve	1,290 (22.3%)	537 (23.7%)
Somewhat approve	1,900 (32.9%)	702 (31.0%)
Neither approve nor disapprove	1,385 (24.0%)	529 (23.4%)
Somewhat disapprove	652 (11.3%)	235 (10.4%)
Strongly disapprove	484 (8.4%)	226 (10.0%)
(Missing)	64 (1.1%)	34 (1.5%)
<i>Say in government, n (%)</i>		
Agree	2,459 (42.6%)	1,403 (62.0%)
Disagree	1,437 (24.9%)	252 (11.1%)
Unsure	1,794 (31.1%)	592 (26.1%)
(Missing)	87 (1.5%)	17 (0.8%)
<i>Belonging in country</i>		
Mean	8.5	8.5
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	92 (1.6%)	51 (2.3%)

Table S21b. Weighted summary statistics for exposure and outcome variables in Mexico

Outcome	Wave 1 N = 5,776	Wave 2 N = 2,264
<i>City/place satisfaction, n (%)</i>		
Satisfied	4,275 (74.0%)	1,577 (69.6%)
Dissatisfied	830 (14.4%)	385 (17.0%)
Unsure	620 (10.7%)	274 (12.1%)
(Missing)	51 (0.9%)	28 (1.2%)
<i>Trust within country, n (%)</i>		
All people	157 (2.7%)	60 (2.7%)
Most people	983 (17.0%)	408 (18.0%)
Some people	2,603 (45.1%)	1,067 (47.1%)
Not very many people	1,689 (29.2%)	580 (25.6%)
None	297 (5.1%)	135 (6.0%)
(Missing)	47 (0.8%)	13 (0.6%)
<i>Number of children</i>		
Mean	1.2	1.1
Standard Deviation	1.4	1.2
Min, Max	0.0, 18.0	0.0, 10.0
(Missing)	156 (2.7%)	155 (6.8%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	383 (6.6%)	122 (5.4%)
Once a week	525 (9.1%)	187 (8.3%)
One to three times a month	519 (9.0%)	165 (7.3%)
A few times a year	1,751 (30.3%)	708 (31.2%)
Never	2,568 (44.5%)	1,073 (47.4%)
(Missing)	29 (0.5%)	10 (0.4%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	604 (10.5%)	198 (8.7%)
Once a week	1,249 (21.6%)	496 (21.9%)
One to three times a month	673 (11.7%)	222 (9.8%)
A few times a year	2,060 (35.7%)	861 (38.0%)
Never	1,146 (19.8%)	481 (21.2%)
(Missing)	44 (0.8%)	7 (0.3%)
<i>Loneliness</i>		
Mean	3.3	3.4
Standard Deviation	3.2	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.3%)	10 (0.5%)
<i>Perceived discrimination, n (%)</i>		
Always	438 (7.6%)	161 (7.1%)
Often	888 (15.4%)	414 (18.3%)
Rarely	2,078 (36.0%)	879 (38.8%)
Never	2,331 (40.4%)	807 (35.6%)
(Missing)	42 (0.7%)	2 (0.1%)
<i>Hope</i>		
Mean	9.0	9.0
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.5%)	11 (0.5%)
<i>Gratitude</i>		
Mean	8.8	8.7
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0

Table S21b. Weighted summary statistics for exposure and outcome variables in Mexico

Outcome	Wave 1 N = 5,776	Wave 2 N = 2,264
(Missing)	23 (0.4%)	12 (0.5%)
<i>Showing love/care</i>		
Mean	8.7	8.5
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.4%)	5 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	2,244 (38.8%)	806 (35.6%)
Often	2,175 (37.7%)	988 (43.7%)
Rarely	1,024 (17.7%)	363 (16.0%)
Never	305 (5.3%)	101 (4.5%)
(Missing)	29 (0.5%)	6 (0.3%)
<i>Charitable giving, n (%)</i>		
Yes	1,162 (20.1%)	684 (30.2%)
No	4,604 (79.7%)	1,550 (68.4%)
(Missing)	10 (0.2%)	31 (1.3%)
<i>Helping strangers, n (%)</i>		
Yes	3,617 (62.6%)	1,461 (64.5%)
No	2,129 (36.9%)	780 (34.4%)
(Missing)	29 (0.5%)	23 (1.0%)
<i>Volunteering, n (%)</i>		
Yes	1,225 (21.2%)	430 (19.0%)
No	4,530 (78.4%)	1,813 (80.1%)
(Missing)	21 (0.4%)	21 (0.9%)
<i>Health problems, n (%)</i>		
Yes	979 (17.0%)	389 (17.2%)
No	4,583 (79.3%)	1,827 (80.7%)
(Missing)	214 (3.7%)	47 (2.1%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	571 (9.9%)	217 (9.6%)
Some	1,604 (27.8%)	654 (28.9%)
Not very much	1,989 (34.4%)	873 (38.6%)
None at all	1,605 (27.8%)	518 (22.9%)
(Missing)	7 (0.1%)	2 (0.1%)
<i>Number of drinks per week</i>		
Mean	1.4	1.4
Standard Deviation	3.5	3.8
Min, Max	0.0, 97.0	0.0, 75.0
(Missing)	105 (1.8%)	63 (2.8%)
<i>Days exercise per week</i>		
Mean	2.4	2.5
Standard Deviation	2.5	2.5
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	33 (0.6%)	16 (0.7%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	1,311 (22.7%)	396 (17.5%)
9-15	3,229 (55.9%)	1,292 (57.0%)
16+	1,234 (21.4%)	577 (25.5%)
(Missing)	1 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,880 (32.5%)	812 (35.9%)

Table S21b. Weighted summary statistics for exposure and outcome variables in Mexico

Outcome	Wave 1 N = 5,776	Wave 2 N = 2,264
Self-employed	1,048 (18.1%)	466 (20.6%)
Retired	381 (6.6%)	155 (6.9%)
Student	283 (4.9%)	60 (2.7%)
Homemaker	1,285 (22.2%)	437 (19.3%)
Unemployed and looking for a job	581 (10.1%)	149 (6.6%)
None of these/Other	174 (3.0%)	100 (4.4%)
(Missing)	145 (2.5%)	85 (3.8%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	775 (13.4%)	346 (15.3%)
Getting by on present income	1,942 (33.6%)	849 (37.5%)
Finding it difficult on present income	2,051 (35.5%)	732 (32.3%)
Finding it very difficult on present income	687 (11.9%)	256 (11.3%)
(Missing)	321 (5.6%)	80 (3.5%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	2,978 (51.6%)	1,225 (54.1%)
Someone in this household rents this home	921 (16.0%)	386 (17.0%)
Both	372 (6.4%)	210 (9.3%)
Neither	1,201 (20.8%)	374 (16.5%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	303 (5.2%)	69 (3.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,990 (34.5%)	794 (35.1%)
Often	1,837 (31.8%)	816 (36.0%)
Rarely	1,418 (24.6%)	481 (21.2%)
Never	501 (8.7%)	173 (7.6%)
(Missing)	30 (0.5%)	1 (0.0%)
<i>Belief in life after death, n (%)</i>		
Yes	3,429 (59.4%)	1,339 (59.1%)
No	844 (14.6%)	342 (15.1%)
Unsure	1,426 (24.7%)	550 (24.3%)
(Missing)	77 (1.3%)	33 (1.5%)
<i>Transformative religious experience, n (%)</i>		
Yes	2,551 (44.2%)	926 (40.9%)
No	3,173 (54.9%)	1,306 (57.7%)
(Missing)	52 (0.9%)	32 (1.4%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	494 (8.5%)	206 (9.1%)
About once a day	803 (13.9%)	297 (13.1%)
Sometimes	3,124 (54.1%)	1,172 (51.7%)
Never	1,294 (22.4%)	563 (24.9%)
(Missing)	61 (1.1%)	27 (1.2%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	994 (17.2%)	397 (17.5%)
About once a day	1,699 (29.4%)	622 (27.5%)
Sometimes	2,386 (41.3%)	963 (42.5%)
Never	650 (11.2%)	264 (11.7%)
(Missing)	46 (0.8%)	17 (0.7%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	4,520 (78.3%)	1,762 (77.8%)

Table S21b. Weighted summary statistics for exposure and outcome variables in Mexico

Outcome	Wave 1 N = 5,776	Wave 2 N = 2,264
More than one god	237 (4.1%)	80 (3.6%)
An impersonal spiritual force	465 (8.0%)	222 (9.8%)
None of these	207 (3.6%)	82 (3.6%)
Unsure	303 (5.2%)	105 (4.7%)
(Missing)	45 (0.8%)	11 (0.5%)
<i>Religious centrality, n (%)</i>		
Agree	3,076 (53.3%)	1,261 (55.7%)
Disagree	634 (11.0%)	238 (10.5%)
Not relevant	997 (17.3%)	414 (18.3%)
Unsure	972 (16.8%)	344 (15.2%)
(Missing)	97 (1.7%)	8 (0.4%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	3,816 (66.1%)	1,466 (64.8%)
Disagree	400 (6.9%)	183 (8.1%)
Not relevant	811 (14.0%)	362 (16.0%)
Unsure	714 (12.4%)	241 (10.6%)
(Missing)	35 (0.6%)	12 (0.5%)
<i>Feel loved by God, n (%)</i>		
Agree	4,459 (77.2%)	1,742 (76.9%)
Disagree	277 (4.8%)	130 (5.7%)
Not relevant	573 (9.9%)	215 (9.5%)
Unsure	426 (7.4%)	169 (7.5%)
(Missing)	41 (0.7%)	8 (0.4%)
<i>Feel punished by God, n (%)</i>		
Agree	866 (15.0%)	316 (14.0%)
Disagree	3,001 (52.0%)	1,165 (51.5%)
Not relevant	976 (16.9%)	407 (18.0%)
Unsure	872 (15.1%)	362 (16.0%)
(Missing)	61 (1.1%)	14 (0.6%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,334 (23.1%)	518 (22.9%)
Disagree	1,636 (28.3%)	597 (26.4%)
Not relevant	1,299 (22.5%)	547 (24.2%)
Unsure	1,434 (24.8%)	593 (26.2%)
(Missing)	73 (1.3%)	9 (0.4%)
<i>Faith-sharing, n (%)</i>		
Agree	2,638 (45.7%)	1,154 (51.0%)
Disagree	1,217 (21.1%)	343 (15.2%)
Not relevant	1,218 (21.1%)	558 (24.6%)
Unsure	644 (11.2%)	198 (8.7%)
(Missing)	59 (1.0%)	11 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S21c. Unweighted summary statistics for demographic and childhood variables in Mexico by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 3,226	Retained-Observed in Wave 2 N = 2,485
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	32 (1.0%)	33 (1.3%)
1943-1953 (current age: 70-79 years)	112 (3.5%)	149 (6.0%)
1953-1963 (current age: 60-69 years)	246 (7.6%)	329 (13.2%)
1963-1973 (current age: 50-59 years)	381 (11.8%)	470 (18.9%)
1973-1983 (current age: 40-49 years)	530 (16.4%)	469 (18.9%)
1983-1993 (current age: 30-39 years)	734 (22.8%)	513 (20.6%)
1993-1998 (current age: 25-29 years)	387 (12.0%)	208 (8.4%)
1998-2005 (current age: 18-24 years)	804 (24.9%)	314 (12.6%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	38.2	44.9
Standard Deviation	15.9	16.1
Min, Max	18.0, 99.0	18.0, 92.0
<i>Gender, n (%)</i>		
Male	1,548 (48.0%)	1,177 (47.4%)
Female	1,661 (51.5%)	1,301 (52.3%)
Other	2 (0.1%)	1 (0.0%)
(Missing)	15 (0.5%)	6 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	874 (27.1%)	586 (23.6%)
Married	993 (30.8%)	1,037 (41.7%)
Separated	230 (7.1%)	164 (6.6%)
Divorced	106 (3.3%)	113 (4.6%)
Widowed	173 (5.4%)	158 (6.4%)
Domestic partner	712 (22.1%)	396 (15.9%)
(Missing)	137 (4.2%)	30 (1.2%)
<i>Education (years), n (%)</i>		
Up to 8	783 (24.3%)	510 (20.5%)
9-15	1,906 (59.1%)	1,280 (51.5%)
16+	535 (16.6%)	695 (28.0%)
(Missing)	1 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,032 (32.0%)	828 (33.3%)
Self-employed	529 (16.4%)	511 (20.6%)
Retired	171 (5.3%)	208 (8.4%)
Student	179 (5.6%)	99 (4.0%)
Homemaker	708 (21.9%)	563 (22.7%)
Unemployed and looking for a job	382 (11.8%)	188 (7.6%)
None of these/Other	107 (3.3%)	64 (2.6%)
(Missing)	118 (3.7%)	23 (0.9%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	311 (9.7%)	287 (11.6%)
Once a week	691 (21.4%)	545 (21.9%)
One to three times a month	399 (12.4%)	266 (10.7%)
A few times a year	1,155 (35.8%)	881 (35.5%)
Never	649 (20.1%)	482 (19.4%)
(Missing)	20 (0.6%)	24 (0.9%)
<i>Immigration status, n (%)</i>		

Table S21c. Unweighted summary statistics for demographic and childhood variables in Mexico by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,226	Retained-Observed in Wave 2 N = 2,485
Born in this country	3,036 (94.1%)	2,414 (97.2%)
Born in another country	61 (1.9%)	47 (1.9%)
(Missing)	129 (4.0%)	24 (1.0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,092 (64.8%)	1,837 (73.9%)
Parents were divorced	214 (6.6%)	126 (5.1%)
Parents were never married	491 (15.2%)	344 (13.9%)
One or both of them had died	98 (3.0%)	76 (3.0%)
Unsure	93 (2.9%)	42 (1.7%)
(Missing)	239 (7.4%)	60 (2.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,349 (41.8%)	1,123 (45.2%)
One to three times a month	673 (20.9%)	478 (19.3%)
Less than once a month	600 (18.6%)	481 (19.3%)
Never	571 (17.7%)	367 (14.8%)
(Missing)	33 (1.0%)	36 (1.4%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	2,193 (68.0%)	1,661 (66.9%)
Somewhat good	734 (22.7%)	603 (24.3%)
Somewhat bad	81 (2.5%)	92 (3.7%)
Very bad	51 (1.6%)	39 (1.6%)
(Does not apply)	120 (3.7%)	58 (2.3%)
(Missing)	48 (1.5%)	32 (1.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,743 (54.0%)	1,294 (52.1%)
Somewhat good	841 (26.1%)	707 (28.4%)
Somewhat bad	178 (5.5%)	153 (6.1%)
Very bad	148 (4.6%)	121 (4.9%)
(Does not apply)	284 (8.8%)	184 (7.4%)
(Missing)	31 (1.0%)	27 (1.1%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	440 (13.6%)	330 (13.3%)
No	2,705 (83.8%)	2,128 (85.7%)
(Missing)	81 (2.5%)	27 (1.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	461 (14.3%)	439 (17.7%)
No	2,539 (78.7%)	2,003 (80.6%)
(Missing)	227 (7.0%)	42 (1.7%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,061 (32.9%)	769 (31.0%)
Very good	727 (22.5%)	605 (24.3%)
Good	935 (29.0%)	727 (29.3%)
Fair	415 (12.9%)	322 (13.0%)
Poor	83 (2.6%)	50 (2.0%)
(Missing)	4 (0.1%)	10 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,006 (31.2%)	746 (30.0%)

Table S21c. Unweighted summary statistics for demographic and childhood variables in Mexico by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 3,226	Retained-Observed in Wave 2 N = 2,485
Got by	1,049 (32.5%)	805 (32.4%)
Found it difficult	929 (28.8%)	767 (30.9%)
Found it very difficult	214 (6.6%)	148 (5.9%)
(Missing)	28 (0.9%)	19 (0.8%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	2,926 (90.7%)	2,338 (94.1%)
Taoism	4 (0.1%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	2 (0.1%)	0 (<0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	5 (0.1%)	1 (0.0%)
Hinduism	0 (0%)	1 (0.0%)
Buddhism	1 (0.0%)	0 (0%)
Judaism	5 (0.1%)	4 (0.2%)
Sikhism	3 (0.1%)	1 (0.0%)
Baha'i	2 (0.0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	2 (0.1%)	0 (0%)
Some other religion	3 (0.1%)	4 (0.2%)
No religion/Atheist/Agnostic	234 (7.2%)	101 (4.1%)
(Missing)	40 (1.2%)	35 (1.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S21d. Unweighted summary statistics for Wave 1 outcome variables in Mexico by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 3,226	Wave 2 N = 2,485
<i>Secure flourishing index</i>		
Mean	7.6	7.7
Standard Deviation	1.4	1.3
Min, Max	0.4, 10.0	0.0, 10.0
(Missing)	119 (3.7%)	69 (2.8%)
<i>Flourishing index</i>		
Mean	8.2	8.2
Standard Deviation	1.4	1.3
Min, Max	0.5, 10.0	0.0, 10.0
(Missing)	105 (3.3%)	63 (2.5%)
<i>Happiness & life satisfaction</i>		
Mean	7.8	7.8
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.6%)	9 (0.4%)
<i>Physical & mental health</i>		
Mean	8.1	8.0
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.6%)	9 (0.4%)
<i>Meaning & purpose</i>		
Mean	8.4	8.5
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.7%)	11 (0.4%)
<i>Character & virtue</i>		
Mean	8.4	8.5
Standard Deviation	1.6	1.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	41 (1.3%)	35 (1.4%)
<i>Close social relationships</i>		
Mean	8.2	8.2
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.9%)	6 (0.2%)
<i>Financial & material security</i>		
Mean	4.8	4.9
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.5%)	10 (0.4%)
<i>Life satisfaction</i>		
Mean	7.9	7.8
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	4 (0.1%)
<i>Happiness</i>		
Mean	7.8	7.8
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0

Table S21d. Unweighted summary statistics for Wave 1 outcome variables in Mexico by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,226	N = 2,485
(Missing)	13 (0.4%)	5 (0.2%)
<i>Self-rated physical health</i>		
Mean	7.8	7.7
Standard Deviation	2.1	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	5 (0.2%)
<i>Self-rated mental health</i>		
Mean	8.3	8.3
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	4 (0.2%)
<i>Understanding purpose</i>		
Mean	8.4	8.4
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	9 (0.4%)
<i>Meaningful activities</i>		
Mean	8.4	8.5
Standard Deviation	2.0	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.3%)	2 (<0.1%)
<i>Orientation to promote good</i>		
Mean	8.6	8.6
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.6%)	13 (0.5%)
<i>Delayed gratification</i>		
Mean	8.2	8.3
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (0.8%)	23 (0.9%)
<i>Relationship contentment</i>		
Mean	8.3	8.5
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.5%)	4 (0.2%)
<i>Relationship satisfaction</i>		
Mean	8.0	8.0
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	3 (0.1%)
<i>Financial security</i>		
Mean	4.8	4.9
Standard Deviation	3.7	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	2 (<0.1%)
<i>Material security</i>		
Mean	4.7	4.9
Standard Deviation	3.8	3.7

Table S21d. Unweighted summary statistics for Wave 1 outcome variables in Mexico by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,226	N = 2,485
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.4%)	9 (0.4%)
<i>Current life evaluation</i>		
Mean	7.1	7.1
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	7 (0.3%)
<i>Future life evaluation</i>		
Mean	8.4	8.2
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	103 (3.2%)	65 (2.6%)
<i>Optimism</i>		
Mean	9.0	9.1
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	9 (0.4%)
<i>Freedom to pursue what's important</i>		
Mean	8.5	8.6
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	7 (0.3%)
<i>Inner peace, n (%)</i>		
Always	878 (27.2%)	701 (28.2%)
Often	1,172 (36.3%)	1,063 (42.8%)
Rarely	887 (27.5%)	545 (21.9%)
Never	269 (8.3%)	151 (6.1%)
(Missing)	20 (0.6%)	24 (1.0%)
<i>Life balance, n (%)</i>		
Always	843 (26.1%)	593 (23.9%)
Often	1,530 (47.4%)	1,353 (54.4%)
Rarely	683 (21.2%)	437 (17.6%)
Never	149 (4.6%)	85 (3.4%)
(Missing)	20 (0.6%)	17 (0.7%)
<i>Sense of mastery, n (%)</i>		
Always	1,441 (44.7%)	1,040 (41.8%)
Often	1,390 (43.1%)	1,190 (47.9%)
Rarely	306 (9.5%)	196 (7.9%)
Never	51 (1.6%)	35 (1.4%)
(Missing)	38 (1.2%)	24 (1.0%)
<i>Traumatic distress, n (%)</i>		
A lot	452 (14.0%)	310 (12.5%)
Some	783 (24.3%)	605 (24.3%)
Not very much	944 (29.3%)	748 (30.1%)
Not at all	1,032 (32.0%)	812 (32.7%)
(Missing)	15 (0.5%)	10 (0.4%)
<i>Depression symptoms composite, n (%)</i>	991 (31.1%)	598 (24.3%)
(Missing)	41 (1.3%)	22 (0.9%)
<i>Depression – feel hopeless, n (%)</i>		

Table S21d. Unweighted summary statistics for Wave 1 outcome variables in Mexico by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,226	N = 2,485
Nearly every day	352 (10.9%)	177 (7.1%)
More than half the days	422 (13.1%)	242 (9.7%)
Several days	980 (30.4%)	870 (35.0%)
Not at all	1,457 (45.2%)	1,184 (47.7%)
(Missing)	15 (0.5%)	11 (0.4%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	395 (12.3%)	232 (9.3%)
More than half the days	512 (15.9%)	318 (12.8%)
Several days	999 (31.0%)	916 (36.9%)
Not at all	1,290 (40.0%)	1,006 (40.5%)
(Missing)	29 (0.9%)	13 (0.5%)
<i>Anxiety symptoms composite, n (%)</i>	1,036 (32.4%)	645 (26.2%)
(Missing)	27 (0.9%)	26 (1.0%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	455 (14.1%)	203 (8.2%)
More than half the days	416 (12.9%)	249 (10.0%)
Several days	1,050 (32.6%)	948 (38.1%)
Not at all	1,294 (40.1%)	1,069 (43.0%)
(Missing)	10 (0.3%)	16 (0.6%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	442 (13.7%)	285 (11.5%)
More than half the days	436 (13.5%)	261 (10.5%)
Several days	879 (27.2%)	738 (29.7%)
Not at all	1,446 (44.8%)	1,187 (47.8%)
(Missing)	23 (0.7%)	14 (0.6%)
<i>Suffering, n (%)</i>		
A lot	302 (9.4%)	183 (7.4%)
Some	949 (29.4%)	781 (31.4%)
Not very much	984 (30.5%)	843 (33.9%)
Not at all	969 (30.0%)	675 (27.2%)
(Missing)	21 (0.7%)	3 (0.1%)
<i>Social support</i>		
Mean	8.2	8.4
Standard Deviation	2.5	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.6%)	10 (0.4%)
<i>Intimate/close friend, n (%)</i>		
Yes	2,525 (78.3%)	1,956 (78.7%)
No	671 (20.8%)	507 (20.4%)
(Missing)	29 (0.9%)	22 (0.9%)
<i>Government approval, n (%)</i>		
Strongly approve	718 (22.3%)	558 (22.4%)
Somewhat approve	1,097 (34.0%)	779 (31.4%)
Neither approve nor disapprove	837 (25.9%)	529 (21.3%)
Somewhat disapprove	326 (10.1%)	322 (12.9%)
Strongly disapprove	213 (6.6%)	269 (10.8%)
(Missing)	35 (1.1%)	29 (1.2%)
<i>Say in government, n (%)</i>		
Agree	1,245 (38.6%)	1,194 (48.0%)

Table S21d. Unweighted summary statistics for Wave 1 outcome variables in Mexico by retention status.

Outcome	Attrit	Observed in Wave 2	NotRetained-Observed in Wave 2
		N = 3,226	N = 2,485
Disagree		817 (25.3%)	602 (24.2%)
Unsure		1,114 (34.5%)	653 (26.3%)
(Missing)		50 (1.5%)	36 (1.4%)
<i>Belonging in country</i>			
Mean		8.5	8.5
Standard Deviation		2.0	2.0
Min, Max		0.0, 10.0	0.0, 10.0
(Missing)		50 (1.5%)	42 (1.7%)
<i>City/place satisfaction, n (%)</i>			
Satisfied		2,400 (74.4%)	1,827 (73.5%)
Dissatisfied		436 (13.5%)	387 (15.6%)
Unsure		355 (11.0%)	258 (10.4%)
(Missing)		36 (1.1%)	14 (0.5%)
<i>Trust within country, n (%)</i>			
All people		108 (3.3%)	46 (1.9%)
Most people		545 (16.9%)	427 (17.2%)
Some people		1,431 (44.4%)	1,144 (46.0%)
Not very many people		942 (29.2%)	728 (29.3%)
None		180 (5.6%)	113 (4.6%)
(Missing)		21 (0.6%)	26 (1.0%)
<i>Number of children</i>			
Mean		1.2	1.1
Standard Deviation		1.5	1.4
Min, Max		0.0, 18.0	0.0, 16.0
(Missing)		129 (4.0%)	22 (0.9%)
<i>Weekly+ community participation, n (%)</i>			
More than once a week		232 (7.2%)	146 (5.9%)
Once a week		315 (9.8%)	203 (8.2%)
One to three times a month		292 (9.0%)	221 (8.9%)
A few times a year		953 (29.5%)	779 (31.4%)
Never		1,420 (44.0%)	1,121 (45.1%)
(Missing)		15 (0.5%)	14 (0.6%)
<i>Weekly+ religious attendance, n (%)</i>			
More than once a week		311 (9.7%)	287 (11.6%)
Once a week		691 (21.4%)	545 (21.9%)
One to three times a month		399 (12.4%)	266 (10.7%)
A few times a year		1,155 (35.8%)	881 (35.5%)
Never		649 (20.1%)	482 (19.4%)
(Missing)		20 (0.6%)	24 (0.9%)
<i>Loneliness</i>			
Mean		3.4	3.3
Standard Deviation		3.3	3.1
Min, Max		0.0, 10.0	0.0, 10.0
(Missing)		8 (0.3%)	7 (0.3%)
<i>Perceived discrimination, n (%)</i>			
Always		285 (8.8%)	145 (5.9%)
Often		499 (15.5%)	378 (15.2%)
Rarely		1,076 (33.3%)	984 (39.6%)
Never		1,344 (41.7%)	958 (38.5%)

Table S21d. Unweighted summary statistics for Wave 1 outcome variables in Mexico by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,226	N = 2,485
(Missing)	22 (0.7%)	20 (0.8%)
<i>Hope</i>		
Mean	9.0	9.0
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.6%)	11 (0.4%)
<i>Gratitude</i>		
Mean	8.8	8.9
Standard Deviation	1.9	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.4%)	10 (0.4%)
<i>Showing love/care</i>		
Mean	8.7	8.7
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	11 (0.4%)
<i>Forgivingness, n (%)</i>		
Always	1,281 (39.7%)	935 (37.6%)
Often	1,137 (35.2%)	1,018 (41.0%)
Rarely	615 (19.0%)	395 (15.9%)
Never	179 (5.6%)	121 (4.9%)
(Missing)	14 (0.4%)	15 (0.6%)
<i>Charitable giving, n (%)</i>		
Yes	590 (18.3%)	563 (22.6%)
No	2,630 (81.5%)	1,918 (77.2%)
(Missing)	6 (0.2%)	5 (0.2%)
<i>Helping strangers, n (%)</i>		
Yes	2,029 (62.9%)	1,548 (62.3%)
No	1,182 (36.6%)	923 (37.2%)
(Missing)	15 (0.5%)	14 (0.6%)
<i>Volunteering, n (%)</i>		
Yes	664 (20.6%)	548 (22.1%)
No	2,546 (78.9%)	1,932 (77.7%)
(Missing)	16 (0.5%)	5 (0.2%)
<i>Health problems, n (%)</i>		
Yes	520 (16.1%)	449 (18.1%)
No	2,531 (78.5%)	2,002 (80.6%)
(Missing)	174 (5.4%)	34 (1.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	336 (10.4%)	227 (9.1%)
Some	844 (26.2%)	745 (30.0%)
Not very much	1,062 (32.9%)	908 (36.5%)
None at all	978 (30.3%)	604 (24.3%)
(Missing)	6 (0.2%)	1 (0.0%)
<i>Number of drinks per week</i>		
Mean	1.3	1.5
Standard Deviation	3.4	3.7
Min, Max	0.0, 70.0	0.0, 97.0
(Missing)	71 (2.2%)	32 (1.3%)

Table S21d. Unweighted summary statistics for Wave 1 outcome variables in Mexico by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,226	Wave 2 N = 2,485
<i>Days exercise per week</i>		
Mean	2.4	2.5
Standard Deviation	2.6	2.5
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	19 (0.6%)	13 (0.5%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	783 (24.3%)	510 (20.5%)
9-15	1,906 (59.1%)	1,280 (51.5%)
16+	535 (16.6%)	695 (28.0%)
(Missing)	1 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,032 (32.0%)	828 (33.3%)
Self-employed	529 (16.4%)	511 (20.6%)
Retired	171 (5.3%)	208 (8.4%)
Student	179 (5.6%)	99 (4.0%)
Homemaker	708 (21.9%)	563 (22.7%)
Unemployed and looking for a job	382 (11.8%)	188 (7.6%)
None of these/Other	107 (3.3%)	64 (2.6%)
(Missing)	118 (3.7%)	23 (0.9%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	436 (13.5%)	330 (13.3%)
Getting by on present income	1,006 (31.2%)	919 (37.0%)
Finding it difficult on present income	1,153 (35.8%)	874 (35.2%)
Finding it very difficult on present income	392 (12.2%)	286 (11.5%)
(Missing)	238 (7.4%)	76 (3.1%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,491 (46.2%)	1,464 (58.9%)
Someone in this household rents this home	547 (17.0%)	362 (14.6%)
Both	214 (6.6%)	154 (6.2%)
Neither	730 (22.6%)	454 (18.3%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	244 (7.6%)	51 (2.0%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,083 (33.6%)	886 (35.7%)
Often	1,007 (31.2%)	810 (32.6%)
Rarely	834 (25.8%)	566 (22.8%)
Never	287 (8.9%)	208 (8.4%)
(Missing)	15 (0.5%)	15 (0.6%)
<i>Belief in life after death, n (%)</i>		
Yes	1,888 (58.5%)	1,504 (60.5%)
No	485 (15.0%)	349 (14.0%)
Unsure	815 (25.3%)	593 (23.9%)
(Missing)	38 (1.2%)	38 (1.5%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,368 (42.4%)	1,158 (46.6%)
No	1,831 (56.7%)	1,303 (52.5%)
(Missing)	28 (0.9%)	24 (1.0%)

Table S21d. Unweighted summary statistics for Wave 1 outcome variables in Mexico by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 3,226	Wave 2 N = 2,485
<i>Religious reading or listening, n (%)</i>		
More than once a day	274 (8.5%)	214 (8.6%)
About once a day	413 (12.8%)	384 (15.4%)
Sometimes	1,755 (54.4%)	1,332 (53.6%)
Never	751 (23.3%)	526 (21.2%)
(Missing)	32 (1.0%)	29 (1.2%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	501 (15.5%)	485 (19.5%)
About once a day	930 (28.8%)	751 (30.2%)
Sometimes	1,378 (42.7%)	978 (39.4%)
Never	386 (12.0%)	255 (10.3%)
(Missing)	31 (1.0%)	15 (0.6%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	2,506 (77.7%)	1,964 (79.0%)
More than one god	146 (4.5%)	87 (3.5%)
An impersonal spiritual force	227 (7.0%)	235 (9.4%)
None of these	113 (3.5%)	91 (3.7%)
Unsure	202 (6.3%)	95 (3.8%)
(Missing)	32 (1.0%)	12 (0.5%)
<i>Religious centrality, n (%)</i>		
Agree	1,641 (50.9%)	1,406 (56.6%)
Disagree	364 (11.3%)	262 (10.5%)
Not relevant	564 (17.5%)	422 (17.0%)
Unsure	589 (18.2%)	370 (14.9%)
(Missing)	69 (2.1%)	26 (1.0%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	2,042 (63.3%)	1,737 (69.9%)
Disagree	212 (6.6%)	184 (7.4%)
Not relevant	480 (14.9%)	321 (12.9%)
Unsure	464 (14.4%)	237 (9.6%)
(Missing)	28 (0.9%)	6 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	2,446 (75.8%)	1,965 (79.1%)
Disagree	150 (4.7%)	124 (5.0%)
Not relevant	339 (10.5%)	226 (9.1%)
Unsure	261 (8.1%)	159 (6.4%)
(Missing)	30 (0.9%)	10 (0.4%)
<i>Feel punished by God, n (%)</i>		
Agree	540 (16.7%)	313 (12.6%)
Disagree	1,571 (48.7%)	1,403 (56.5%)
Not relevant	553 (17.1%)	411 (16.6%)
Unsure	515 (16.0%)	345 (13.9%)
(Missing)	47 (1.5%)	13 (0.5%)
<i>Experienced religious criticism, n (%)</i>		
Agree	787 (24.4%)	529 (21.3%)
Disagree	930 (28.8%)	686 (27.6%)
Not relevant	667 (20.7%)	622 (25.0%)
Unsure	801 (24.8%)	617 (24.8%)
(Missing)	42 (1.3%)	30 (1.2%)

Table S21d. Unweighted summary statistics for Wave 1 outcome variables in Mexico by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,226	N = 2,485
<i>Faith-sharing, n (%)</i>		
Agree	1,396 (43.3%)	1,217 (49.0%)
Disagree	706 (21.9%)	495 (19.9%)
Not relevant	685 (21.2%)	519 (20.9%)
Unsure	399 (12.4%)	235 (9.5%)
(Missing)	39 (1.2%)	18 (0.7%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S21e. Summary of fitted attrition model in Mexico

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.97	0.89, 1.06	0.491
Recruitment Survey Mode			
CAWI	—	—	
CATI	1.96	1.61, 2.38	2.18e-11
CAPI	1.63	1.32, 2.01	5.25e-06
Happiness & life satisfaction	0.99	0.89, 1.11	0.901
Physical & mental health	0.97	0.88, 1.07	0.549
Meaning & purpose	1.04	0.94, 1.16	0.453
Character & virtue	1.03	0.95, 1.12	0.468
Close social relationships	0.93	0.84, 1.02	0.125
Financial & material security	0.99	0.92, 1.07	0.847
Extraversion	0.91	0.84, 0.98	0.010
Openness to experience	1.10	1.02, 1.18	0.016
Agreeableness	1.03	0.95, 1.12	0.533
Conscientiousness	0.96	0.89, 1.04	0.346
Neuroticism	1.05	0.97, 1.14	0.247
Depression symptoms composite	0.95	0.87, 1.04	0.238
Anxiety symptoms composite	0.99	0.90, 1.08	0.752
Loneliness	1.04	0.95, 1.13	0.433
Days exercise per week	0.98	0.91, 1.06	0.680
Year of birth (age group)			
1983-1993 (current age: 30-39 years)	—	—	
1998-2005 (current age: 18-24 years)	0.63	0.48, 0.81	3.75e-04
1973-1983 (current age: 40-49 years)	1.25	1.00, 1.56	0.047
1993-1998 (current age: 25-29 years)	0.86	0.68, 1.10	0.235
1963-1973 (current age: 50-59 years)	1.91	1.50, 2.42	1.44e-07
1953-1963 (current age: 60-69 years)	2.16	1.57, 2.96	1.88e-06
1943-1953 (current age: 70-79 years)	2.58	1.60, 4.18	1.09e-04
1943 or earlier (current age: 80+ years)	2.27	1.01, 5.10	0.048
Gender of respondent			
Female	—	—	
Male	0.86	0.73, 1.02	0.083
Other	0.92	0.21, 4.16	0.919
Marital status			
Married	—	—	
Single/Never been married	0.97	0.78, 1.21	0.788
Domestic partner	0.81	0.65, 1.01	0.064
Separated	0.87	0.65, 1.16	0.340
Widowed	0.69	0.48, 1.01	0.054
Divorced	0.89	0.62, 1.28	0.534
Employment status			
Employed for an employer	—	—	
Homemaker	1.04	0.83, 1.31	0.710
Self-employed	1.06	0.86, 1.31	0.600
Unemployed and looking for a job	0.78	0.59, 1.02	0.072
Retired	0.73	0.48, 1.12	0.147
Student	1.10	0.72, 1.67	0.659
None of these/Other	0.76	0.49, 1.19	0.234
Religious attendance			
A few times a year	—	—	
Once a week	0.95	0.78, 1.17	0.659
Never	1.00	0.81, 1.24	0.969

Table S21e. Summary of fitted attrition model in Mexico

Characteristic	Odds Ratio	95% CI	p-value
<i>One to three times a month</i>	0.85	0.66, 1.09	0.205
<i>More than once a week</i>	1.16	0.90, 1.50	0.261
Educational attainment (16+ years)			
<i>9-15</i>	—	—	
<i>Up to 8</i>	0.73	0.60, 0.89	0.002
<i>16+</i>	1.31	1.06, 1.62	0.011
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	1.28	0.78, 2.10	0.321
Race plurality (prominent race/ethnic group [0] or not [1])	0.89	0.83, 0.96	0.003
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A large city</i>	1.15	0.97, 1.36	0.110
<i>A rural area or on a farm</i>	1.20	0.95, 1.52	0.127
<i>A suburb of a large city</i>	1.59	1.18, 2.14	0.002
Monthly household income			
<i>Mexico: 7.001 – 10.000 Mexican pesos</i>	—	—	
<i>Mexico: 5.001 – 7.000 Mexican pesos</i>	1.23	0.90, 1.67	0.199
<i>Mexico: 10.001 – 15.000 Mexican pesos</i>	1.24	0.90, 1.70	0.183
<i>Mexico: 4.001 – 5.000 Mexican pesos</i>	1.06	0.75, 1.49	0.735
<i>(None/No household income)</i>	0.89	0.62, 1.27	0.513
<i>Mexico: 15.001 – 20.000 Mexican pesos</i>	1.49	1.04, 2.14	0.032
<i>Mexico: 3.001 – 4.000 Mexican pesos</i>	0.77	0.53, 1.12	0.169
<i>Mexico: 1.001 – 1.500 Mexican pesos</i>	1.11	0.74, 1.65	0.619
<i>Mexico: 1.501 – 2.000 Mexican pesos</i>	1.07	0.74, 1.54	0.722
<i>Mexico: 20.001 – 30.000 Mexican pesos</i>	2.01	1.36, 2.97	4.28e-04
<i>Mexico: 2.501 – 3.000 Mexican pesos</i>	0.88	0.60, 1.30	0.532
<i>Mexico: 551 – 1.000 Mexican pesos</i>	0.90	0.60, 1.35	0.625
<i>Mexico: 2.001 – 2.500 Mexican pesos</i>	0.72	0.49, 1.08	0.112
<i>Mexico: 550 Mexican pesos or less</i>	1.13	0.71, 1.79	0.614
<i>Mexico: 30.001 – 40.000 Mexican pesos</i>	2.03	1.20, 3.42	0.008
<i>Mexico: More than 70.000 Mexican pesos</i>	1.32	0.70, 2.51	0.394
<i>Mexico: 40.001 – 50.000 Mexican pesos</i>	2.78	1.51, 5.13	0.001
<i>Mexico: 50.001 – 70.000 Mexican pesos</i>	1.23	0.66, 2.32	0.511

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=5776; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S21f. Summary of principal components in Mexico

PC	Percent Explained by each PC	Cumulative Percent Explained
1	33.68	33.68
2	5.20	38.88
3	4.49	43.36
4	2.75	46.11
5	2.10	48.21
6	1.92	50.13
7	1.68	51.81
8	1.51	53.32
9	1.40	54.72
10	1.36	56.07
11	1.31	57.38
12	1.26	58.64
13	1.21	59.86
14	1.17	61.02
15	1.13	62.16
16	1.10	63.26
17	1.05	64.30
18	1.03	65.33
19	1.01	66.34
20	0.97	67.31

Notes. N=5776; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S21g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Mexico

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.59	(0.55,0.63)	0.02	2.22e-16***	0.46	(0.42,0.51)	0.02	2.22e-16***
Flourishing index	0.57	(0.53,0.61)	0.02	2.22e-16***	0.42	(0.38,0.47)	0.02	2.22e-16***
Happiness & life satisfaction	0.49	(0.45,0.53)	0.02	2.22e-16***	0.29	(0.25,0.34)	0.02	2.22e-16***
Physical & mental health	0.46	(0.41,0.50)	0.02	2.22e-16***	0.25	(0.20,0.29)	0.02	2.22e-16***
Meaning & purpose	0.49	(0.45,0.53)	0.02	2.22e-16***	0.31	(0.27,0.35)	0.02	2.22e-16***
Character & virtue	0.26	(0.22,0.30)	0.02	2.22e-16***	0.12	(0.08,0.15)	0.02	3.96e-10***
Close social relationships	0.42	(0.38,0.47)	0.02	2.22e-16***	0.21	(0.17,0.25)	0.02	2.22e-16***
Financial & material security	0.27	(0.23,0.31)	0.02	2.22e-16***	0.15	(0.12,0.19)	0.02	2.92e-14***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.46	(0.42,0.50)	0.02	2.22e-16***	0.25	(0.21,0.30)	0.02	2.22e-16***
Happiness (a)	0.44	(0.40,0.48)	0.02	2.22e-16***	0.23	(0.19,0.27)	0.02	2.22e-16***
Self-rated physical health (b)	0.37	(0.33,0.42)	0.02	2.22e-16***	0.18	(0.13,0.22)	0.02	1.1e-12***
Self-rated mental health (b)	0.42	(0.38,0.46)	0.02	2.22e-16***	0.21	(0.16,0.25)	0.02	2.22e-16***
Understanding purpose (c)	0.41	(0.36,0.45)	0.02	2.22e-16***	0.23	(0.19,0.27)	0.02	2.22e-16***
Meaningful activities (c)	0.43	(0.39,0.47)	0.02	2.22e-16***	0.23	(0.18,0.27)	0.02	2.22e-16***
Orientation to promote good (d)	0.28	(0.24,0.32)	0.02	2.22e-16***	0.13	(0.09,0.17)	0.02	4.95e-12***
Delayed gratification (d)	0.17	(0.13,0.21)	0.02	2.22e-16***	0.07	(0.03,0.10)	0.02	9.75e-05***
Relationship contentment (e)	0.36	(0.32,0.40)	0.02	2.22e-16***	0.16	(0.11,0.20)	0.02	1.78e-12***
Relationship satisfaction (e)	0.40	(0.36,0.44)	0.02	2.22e-16***	0.19	(0.15,0.23)	0.02	2.22e-16***
Financial security (f)	0.26	(0.22,0.29)	0.02	2.22e-16***	0.10	(0.06,0.14)	0.02	3.79e-07***
Material security (f)	0.24	(0.21,0.28)	0.02	2.22e-16***	0.10	(0.06,0.14)	0.02	2.19e-06***
<i>Psychological Well-Being</i>								
Current life evaluation	0.32	(0.28,0.37)	0.02	2.22e-16***	0.13	(0.09,0.17)	0.02	5.06e-09***
Future life evaluation	0.21	(0.16,0.25)	0.02	2.22e-16***	0.05	(0.02,0.09)	0.02	0.005*
Optimism	0.26	(0.22,0.31)	0.02	2.22e-16***	0.14	(0.11,0.18)	0.02	1.31e-13***
Freedom to pursue what's important	0.37	(0.33,0.41)	0.02	2.22e-16***	0.18	(0.15,0.22)	0.02	2.22e-16***
Inner peace	0.10	(0.06,0.14)	0.02	2.64e-07***	0.04	(0.01,0.08)	0.02	0.009*
Life balance	0.25	(0.21,0.29)	0.02	2.22e-16***	0.11	(0.08,0.15)	0.02	2.78e-10***
Sense of mastery	0.20	(0.16,0.25)	0.02	2.22e-16***	0.08	(0.04,0.12)	0.02	9.9e-05***
<i>Psychological Distress</i>								
Traumatic distress	-0.11	(-0.15,-0.08)	0.02	8.86e-10***	0.03	(-0.00,0.07)	0.02	0.066
Depression symptoms composite	-0.23	(-0.26,-0.19)	0.02	2.22e-16***	-0.00	(-0.04,0.03)	0.02	0.931
Depression – feel hopeless	-0.20	(-0.24,-0.17)	0.02	2.22e-16***	0.05	(0.01,0.09)	0.02	0.009*
Depression – loss of interest	-0.19	(-0.23,-0.16)	0.02	2.22e-16***	-0.00	(-0.04,0.04)	0.02	0.944
Anxiety symptoms composite	-0.20	(-0.24,-0.17)	0.02	2.22e-16***	-0.01	(-0.05,0.03)	0.02	0.511
Anxiety – feel on edge	-0.23	(-0.27,-0.19)	0.02	2.22e-16***	-0.02	(-0.06,0.02)	0.02	0.317
Anxiety – cannot stop worrying	-0.15	(-0.19,-0.12)	0.02	1.51e-14***	0.03	(-0.01,0.07)	0.02	0.099
Suffering	-0.21	(-0.25,-0.17)	0.02	2.22e-16***	-0.02	(-0.05,0.02)	0.02	0.314
<i>Social Well-Being</i>								
Social support	0.27	(0.23,0.31)	0.02	2.22e-16***	0.08	(0.04,0.12)	0.02	5.01e-05***
Intimate/close friend	0.08	(0.04,0.12)	0.02	7.5e-05***	0.02	(-0.02,0.05)	0.02	0.365
Government approval	0.15	(0.11,0.18)	0.02	3.55e-15***	0.06	(0.03,0.09)	0.02	6.79e-05***
Say in government	0.13	(0.09,0.16)	0.02	7.76e-11***	0.05	(0.02,0.09)	0.02	2.14e-03**
Belonging in country	0.25	(0.21,0.29)	0.02	2.22e-16***	0.09	(0.06,0.13)	0.02	2.84e-06***
City/place satisfaction	0.19	(0.16,0.23)	0.02	2.22e-16***	0.09	(0.06,0.13)	0.02	1.89e-07***
Trust within country	0.13	(0.09,0.17)	0.02	8.98e-10***	0.06	(0.03,0.10)	0.02	4.85e-04***
<i>Social Participation</i>								
Ever been married	0.17	(0.07,0.26)	0.05	1.09e-03**	0.14	(0.05,0.22)	0.04	1.51e-03**
Currently divorced	0.03	(-0.01,0.07)	0.02	0.187	0.02	(-0.02,0.06)	0.02	0.273
Number of children	0.03	(-0.02,0.07)	0.02	0.234	0.03	(-0.01,0.06)	0.02	0.161
Weekly+ community participation	0.08	(0.05,0.12)	0.02	8.08e-06***	0.05	(0.02,0.08)	0.02	1.43e-03**
Weekly+ religious attendance	0.05	(0.01,0.09)	0.02	0.010*	0.02	(-0.02,0.06)	0.02	0.274
<i>Social Distress</i>								
Loneliness	-0.34	(-0.38,-0.29)	0.02	2.22e-16***	-0.14	(-0.18,-0.10)	0.02	2.08e-11***
Perceived discrimination	-0.09	(-0.13,-0.06)	0.02	1.15e-06***	-0.03	(-0.07,0.00)	0.02	0.076
<i>Character & Prosocial Behavior</i>								
Hope	0.27	(0.22,0.32)	0.03	2.22e-16***	0.10	(0.06,0.14)	0.02	5.7e-07***
Gratitude	0.26	(0.21,0.30)	0.02	2.22e-16***	0.10	(0.06,0.14)	0.02	6.43e-07***
Showing love/care	0.25	(0.20,0.29)	0.02	2.22e-16***	0.10	(0.06,0.13)	0.02	1.06e-06***
Forgivingness	0.10	(0.07,0.14)	0.02	4.73e-09***	0.06	(0.03,0.09)	0.01	1.04e-04***
Charitable giving	0.04	(-0.00,0.07)	0.02	0.053	0.03	(0.00,0.06)	0.02	0.050
Helping strangers	0.02	(-0.02,0.06)	0.02	0.294	0.02	(-0.01,0.06)	0.02	0.140
Volunteering	0.05	(0.01,0.08)	0.02	0.007*	0.04	(0.01,0.08)	0.02	0.009*
<i>Physical Health & Health Behavior</i>								
Health problems	-0.11	(-0.15,-0.07)	0.02	5.68e-08***	-0.01	(-0.05,0.02)	0.02	0.468
Pain in past 4 weeks	-0.15	(-0.19,-0.12)	0.02	6.66e-16***	0.00	(-0.03,0.03)	0.02	0.921
Daily smoker	-0.01	(-0.05,0.03)	0.02	0.687	-0.02	(-0.05,0.02)	0.02	0.366
Number of drinks per week	-0.00	(-0.04,0.03)	0.02	0.909	0.00	(-0.03,0.03)	0.01	0.857
Days exercise per week	0.10	(0.07,0.14)	0.02	2.41e-08***	0.04	(0.01,0.07)	0.02	0.023*
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.02	(-0.01,0.06)	0.02	0.250	0.00	(-0.03,0.03)	0.02	0.923
Currently employed	0.07	(0.03,0.11)	0.02	9.48e-04**	0.02	(-0.02,0.06)	0.02	0.257
Financially comfortable/getting by	0.21	(0.17,0.25)	0.02	2.22e-16***	0.07	(0.03,0.10)	0.02	3.93e-04***
Own home	0.02	(-0.02,0.06)	0.02	0.279	-0.01	(-0.04,0.02)	0.02	0.614
Income – top quintile	-0.01	(-0.05,0.03)	0.02	0.567	-0.02	(-0.05,0.01)	0.02	0.204
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.10	(0.06,0.15)	0.02	8.02e-06***	0.04	(0.00,0.08)	0.02	0.051
Belief in life after death	0.05	(0.01,0.09)	0.02	0.008*	0.02	(-0.02,0.05)	0.02	0.366
Transformative religious experience	0.04	(0.00,0.08)	0.02	0.032*	0.02	(-0.01,0.05)	0.02	0.277
Religious reading or listening	0.05	(0.01,0.09)	0.02	0.012*	0.03	(-0.00,0.07)	0.02	0.067
Prayer or meditation	0.06	(0.02,0.10)	0.02	3.65e-03**	0.04	(-0.00,0.07)	0.02	0.065
Belief in God/gods/spiritual forces	0.02	(-0.02,0.06)	0.02	0.331	0.00	(-0.04,0.04)	0.02	0.912
Religious centrality	0.11	(0.07,0.15)	0.02	1.06e-07***	0.03	(-0.00,0.07)	0.02	0.086
Religious/spiritual comfort	0.06	(0.02,0.11)	0.02	3.57e-03**	0.01	(-0.03,0.05)	0.02	0.599
Feel loved by God	0.10	(0.05,0.14)	0.02	1.03e-05***	-0.00	(-0.04,0.04)	0.02	0.979
Feel punished by God	-0.02	(-0.06,0.02)	0.02	0.345	-0.01	(-0.04,0.03)	0.02	0.686
Experienced religious criticism	-0.05	(-0.09,-0.01)	0.02	0.026*	-0.04	(-0.07,-0.00)	0.02	0.045*
Faith-sharing	0.07	(0.02,0.11)	0.02	2.04e-03**	0.01	(-0.03,0.04)	0.02	0.790

Notes. N=5776; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S21h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Mexico using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.50	(0.45,0.56)	0.03	2.22e-16***	0.38	(0.32,0.44)	0.03	2.22e-16***
Flourishing index	0.49	(0.44,0.55)	0.03	2.22e-16***	0.37	(0.31,0.44)	0.03	2.22e-16***
Happiness & life satisfaction	0.41	(0.35,0.47)	0.03	2.22e-16***	0.24	(0.18,0.31)	0.03	6.97e-13***
Physical & mental health	0.39	(0.34,0.45)	0.03	2.22e-16***	0.22	(0.15,0.28)	0.03	1e-11***
Meaning & purpose	0.43	(0.38,0.49)	0.03	2.22e-16***	0.29	(0.23,0.35)	0.03	2.22e-16***
Character & virtue	0.24	(0.18,0.29)	0.03	2.22e-16***	0.11	(0.06,0.16)	0.03	1.55e-05***
Close social relationships	0.37	(0.31,0.43)	0.03	2.22e-16***	0.19	(0.12,0.25)	0.03	3.85e-08***
Financial & material security	0.21	(0.16,0.27)	0.03	3e-15***	0.10	(0.05,0.15)	0.03	1.19e-04***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.38	(0.32,0.45)	0.03	2.22e-16***	0.21	(0.14,0.27)	0.03	5.16e-10***
Happiness (a)	0.37	(0.31,0.43)	0.03	2.22e-16***	0.19	(0.13,0.25)	0.03	1.43e-09***
Self-rated physical health (b)	0.32	(0.26,0.38)	0.03	2.22e-16***	0.17	(0.10,0.23)	0.03	1.37e-07***
Self-rated mental health (b)	0.36	(0.30,0.42)	0.03	2.22e-16***	0.17	(0.12,0.23)	0.03	8.56e-09***
Understanding purpose (c)	0.35	(0.30,0.41)	0.03	2.22e-16***	0.21	(0.15,0.27)	0.03	1.51e-12***
Meaningful activities (c)	0.39	(0.33,0.44)	0.03	2.22e-16***	0.23	(0.17,0.29)	0.03	2.06e-13***
Orientation to promote good (d)	0.25	(0.20,0.31)	0.03	2.22e-16***	0.12	(0.07,0.18)	0.03	9.03e-06***
Delayed gratification (d)	0.15	(0.09,0.20)	0.03	7.85e-08***	0.06	(0.02,0.11)	0.02	0.010*
Relationship contentment (e)	0.31	(0.25,0.38)	0.03	2.22e-16***	0.15	(0.08,0.21)	0.03	3.61e-06***
Relationship satisfaction (e)	0.34	(0.28,0.40)	0.03	2.22e-16***	0.15	(0.09,0.22)	0.03	3.75e-06***
Financial security (f)	0.21	(0.16,0.26)	0.03	1.4e-14***	0.06	(0.01,0.12)	0.03	0.027*
Material security (f)	0.19	(0.14,0.24)	0.03	3.56e-13***	0.05	(0.00,0.10)	0.03	0.044*
<i>Psychological Well-Being</i>								
Current life evaluation	0.27	(0.21,0.32)	0.03	2.22e-16***	0.11	(0.06,0.17)	0.03	8.77e-05***
Future life evaluation	0.17	(0.11,0.22)	0.03	2.33e-09***	0.05	(0.00,0.10)	0.02	0.049*
Optimism	0.24	(0.17,0.30)	0.03	3.42e-13***	0.14	(0.09,0.20)	0.03	7.99e-07***
Freedom to pursue what's important	0.32	(0.26,0.38)	0.03	2.22e-16***	0.17	(0.12,0.23)	0.03	3.51e-09***
Inner peace	0.08	(0.02,0.13)	0.03	4.25e-03**	0.04	(-0.01,0.09)	0.02	0.123
Life balance	0.22	(0.16,0.27)	0.03	3.16e-13***	0.11	(0.05,0.16)	0.03	9.34e-05***
Sense of mastery	0.17	(0.11,0.24)	0.03	3.62e-07***	0.08	(0.02,0.13)	0.03	0.007*
<i>Psychological Distress</i>								
Traumatic distress	-0.10	(-0.15,-0.05)	0.03	1.48e-04***	0.01	(-0.03,0.06)	0.02	0.569
Depression symptoms composite	-0.19	(-0.24,-0.13)	0.03	4.12e-10***	0.00	(-0.05,0.06)	0.03	0.917
Depression – feel hopeless	-0.17	(-0.23,-0.11)	0.03	4.22e-09***	0.04	(-0.02,0.10)	0.03	0.154
Depression – loss of interest	-0.17	(-0.22,-0.11)	0.03	1.53e-08***	-0.01	(-0.07,0.05)	0.03	0.747
Anxiety symptoms composite	-0.16	(-0.21,-0.10)	0.03	1.53e-08***	0.01	(-0.05,0.06)	0.03	0.773
Anxiety – feel on edge	-0.17	(-0.23,-0.12)	0.03	5.87e-10***	-0.00	(-0.06,0.06)	0.03	0.945
Anxiety – cannot stop worrying	-0.12	(-0.17,-0.07)	0.03	1.25e-05***	0.04	(-0.02,0.10)	0.03	0.196
Suffering	-0.19	(-0.24,-0.14)	0.03	1.16e-12***	-0.04	(-0.09,0.01)	0.03	0.152
<i>Social Well-Being</i>								
Social support	0.22	(0.16,0.28)	0.03	4.45e-13***	0.07	(0.01,0.12)	0.03	0.016*
Intimate/close friend	0.05	(-0.01,0.11)	0.03	0.092	-0.00	(-0.05,0.05)	0.03	0.973
Government approval	0.15	(0.10,0.20)	0.03	8.02e-09***	0.08	(0.04,0.13)	0.02	4.7e-04***
Say in government	0.13	(0.07,0.18)	0.03	2.62e-06***	0.06	(0.01,0.10)	0.02	0.016*
Belonging in country	0.21	(0.15,0.27)	0.03	4.13e-12***	0.08	(0.03,0.13)	0.03	3.63e-03**
City/place satisfaction	0.19	(0.13,0.24)	0.03	2.04e-12***	0.10	(0.05,0.15)	0.03	7.31e-05***
Trust within country	0.09	(0.04,0.14)	0.03	6.94e-04**	0.04	(-0.01,0.09)	0.02	0.107
<i>Social Participation</i>								
Ever been married	0.13	(-0.03,0.30)	0.08	0.101	0.09	(-0.04,0.22)	0.07	0.190
Currently divorced	-0.00	(-0.07,0.06)	0.03	0.955	-0.01	(-0.07,0.06)	0.03	0.824
Number of children	0.05	(-0.00,0.10)	0.03	0.066	0.04	(-0.01,0.09)	0.02	0.082
Weekly+ community participation	0.06	(0.01,0.11)	0.03	0.031*	0.05	(0.00,0.10)	0.03	0.048*
Weekly+ religious attendance	0.05	(-0.01,0.11)	0.03	0.099	0.04	(-0.01,0.10)	0.03	0.142
<i>Social Distress</i>								
Loneliness	-0.29	(-0.35,-0.23)	0.03	2.22e-16***	-0.12	(-0.18,-0.07)	0.03	2.26e-05***
Perceived discrimination	-0.10	(-0.16,-0.05)	0.03	3.09e-04***	-0.03	(-0.08,0.02)	0.03	0.256
<i>Character & Prosocial Behavior</i>								
Hope	0.23	(0.17,0.30)	0.03	2.52e-13***	0.10	(0.04,0.16)	0.03	1e-03**
Gratitude	0.23	(0.17,0.28)	0.03	8.88e-16***	0.10	(0.05,0.16)	0.03	3.9e-04***
Showing love/care	0.20	(0.14,0.27)	0.03	4.07e-10***	0.08	(0.02,0.14)	0.03	0.008*
Forgivingness	0.11	(0.05,0.16)	0.03	6.28e-05***	0.07	(0.02,0.12)	0.02	2.82e-03**
Charitable giving	0.04	(-0.02,0.09)	0.03	0.170	0.04	(-0.01,0.08)	0.02	0.135
Helping strangers	0.04	(-0.01,0.09)	0.03	0.150	0.05	(-0.00,0.10)	0.03	0.077
Volunteering	0.03	(-0.02,0.08)	0.03	0.280	0.01	(-0.04,0.06)	0.03	0.670
<i>Physical Health & Health Behavior</i>								
Health problems	-0.08	(-0.13,-0.03)	0.03	2.6e-03**	-0.01	(-0.06,0.03)	0.02	0.599
Pain in past 4 weeks	-0.12	(-0.17,-0.06)	0.03	2.47e-05***	-0.00	(-0.05,0.05)	0.03	0.920
Daily smoker	0.03	(-0.03,0.09)	0.03	0.299	0.03	(-0.02,0.08)	0.03	0.303
Number of drinks per week	0.00	(-0.05,0.05)	0.03	0.975	0.01	(-0.04,0.05)	0.02	0.802
Days exercise per week	0.11	(0.06,0.16)	0.03	2.35e-05***	0.04	(-0.00,0.09)	0.02	0.068
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.03	(-0.03,0.08)	0.03	0.326	0.02	(-0.03,0.07)	0.02	0.490
Currently employed	0.05	(-0.00,0.11)	0.03	0.060	0.02	(-0.03,0.08)	0.03	0.401
Financially comfortable/getting by	0.18	(0.13,0.24)	0.03	9.3e-11***	0.08	(0.03,0.13)	0.03	3.35e-03**
Own home	0.03	(-0.03,0.08)	0.03	0.295	0.01	(-0.04,0.06)	0.02	0.716
Income – top quintile	0.00	(-0.06,0.06)	0.03	0.990	0.00	(-0.05,0.06)	0.03	0.887
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.09	(0.03,0.15)	0.03	3.48e-03**	0.05	(-0.01,0.10)	0.03	0.097
Belief in life after death	0.02	(-0.03,0.07)	0.03	0.490	0.00	(-0.04,0.05)	0.02	0.909
Transformative religious experience	0.02	(-0.04,0.07)	0.03	0.528	0.01	(-0.04,0.06)	0.03	0.690
Religious reading or listening	0.05	(-0.01,0.10)	0.03	0.097	0.04	(-0.01,0.09)	0.03	0.144
Prayer or meditation	0.04	(-0.02,0.10)	0.03	0.201	0.01	(-0.05,0.07)	0.03	0.728
Belief in God/gods/spiritual forces	0.02	(-0.03,0.07)	0.03	0.539	0.01	(-0.04,0.06)	0.03	0.651
Religious centrality	0.09	(0.03,0.14)	0.03	2.14e-03**	0.02	(-0.03,0.08)	0.03	0.437
Religious/spiritual comfort	0.03	(-0.03,0.09)	0.03	0.387	-0.01	(-0.08,0.05)	0.03	0.677
Feel loved by God	0.09	(0.04,0.15)	0.03	1.42e-03**	0.02	(-0.04,0.08)	0.03	0.477
Feel punished by God	-0.04	(-0.10,0.02)	0.03	0.179	-0.03	(-0.09,0.03)	0.03	0.297
Experienced religious criticism	-0.03	(-0.09,0.02)	0.03	0.245	-0.02	(-0.07,0.03)	0.03	0.404
Faith-sharing	0.06	(0.01,0.12)	0.03	0.024*	0.02	(-0.04,0.07)	0.03	0.531

Notes. N=2278; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S21i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Mexico

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.31	2.23	2.05	1.96	2.18	2.07	1.93	1.80
Flourishing index	2.28	2.20	1.99	1.89	2.17	2.05	1.92	1.79
Happiness & life satisfaction	1.83	1.77	1.56	1.50	1.75	1.66	1.50	1.40
Physical & mental health	1.88	1.82	1.55	1.48	1.82	1.73	1.52	1.41
Meaning & purpose	1.94	1.87	1.65	1.58	1.87	1.78	1.63	1.53
Character & virtue	1.61	1.54	1.35	1.28	1.59	1.49	1.35	1.24
Close social relationships	1.75	1.69	1.45	1.38	1.69	1.61	1.43	1.32
Financial & material security	1.35	1.32	1.25	1.21	1.31	1.26	1.19	1.13
Individual Flourishing Index Items								
Life satisfaction	1.72	1.67	1.47	1.41	1.65	1.57	1.42	1.33
Happiness	1.73	1.67	1.45	1.39	1.67	1.59	1.42	1.32
Self-rated physical health	1.66	1.60	1.39	1.32	1.63	1.54	1.39	1.29
Self-rated mental health	1.76	1.70	1.45	1.39	1.70	1.61	1.41	1.31
Understanding purpose	1.71	1.65	1.47	1.41	1.63	1.55	1.44	1.35
Meaningful activities	1.76	1.70	1.48	1.41	1.74	1.66	1.50	1.40
Orientation to promote good	1.62	1.55	1.37	1.30	1.59	1.49	1.36	1.25
Delayed gratification	1.37	1.32	1.21	1.14	1.35	1.26	1.20	1.09
Relationship contentment	1.63	1.57	1.35	1.29	1.60	1.51	1.35	1.25
Relationship satisfaction	1.65	1.60	1.38	1.32	1.59	1.51	1.34	1.24
Financial security	1.33	1.30	1.18	1.14	1.30	1.25	1.14	1.05
Material security	1.31	1.28	1.18	1.14	1.27	1.22	1.13	1.02
Psychological Well-Being								
Current life evaluation	1.56	1.51	1.30	1.24	1.49	1.42	1.28	1.18
Future life evaluation	1.42	1.35	1.18	1.09	1.38	1.29	1.18	1.01
Optimism	1.57	1.50	1.38	1.31	1.55	1.44	1.39	1.28
Freedom to pursue what's important	1.66	1.60	1.40	1.34	1.59	1.51	1.39	1.30
Inner peace	1.72	1.51	1.40	1.17	1.61	1.28	1.37	1.00
Life balance	2.79	2.51	1.87	1.66	2.55	2.16	1.84	1.50
Sense of mastery	3.08	2.60	1.84	1.51	2.74	2.10	1.83	1.33
Psychological Distress								
Traumatic distress	1.78	1.59	1.32	1.00	1.70	1.42	1.19	1.00
Depression symptoms composite	2.54	2.30	1.06	1.00	2.26	1.91	1.08	1.00
Depression – feel hopeless	2.53	2.25	1.51	1.21	2.31	1.91	1.45	1.00
Depression – loss of interest	2.36	2.12	1.06	1.00	2.18	1.82	1.16	1.00
Anxiety symptoms composite	2.36	2.12	1.19	1.00	2.08	1.76	1.15	1.00
Anxiety – feel on edge	2.66	2.38	1.26	1.00	2.31	1.93	1.07	1.00
Anxiety – cannot stop worrying	2.10	1.87	1.34	1.00	1.89	1.56	1.39	1.00
Suffering	2.33	2.12	1.23	1.00	2.19	1.90	1.35	1.00
Social Well-Being								
Social support	1.46	1.40	1.22	1.15	1.41	1.33	1.19	1.08
Intimate/close friend	1.69	1.42	1.23	1.00	1.48	1.00	1.05	1.00
Government approval	1.96	1.77	1.50	1.32	1.95	1.68	1.60	1.34
Say in government	1.84	1.64	1.44	1.24	1.83	1.55	1.46	1.16
Belonging in country	1.48	1.43	1.26	1.19	1.43	1.35	1.23	1.12
City/place satisfaction	2.37	2.12	1.73	1.52	2.31	1.98	1.78	1.47
Trust within country	1.87	1.65	1.50	1.30	1.66	1.36	1.37	1.00
Social Participation								
Ever been married	2.04	1.51	1.88	1.43	1.87	1.00	1.63	1.00
Currently divorced	1.54	1.00	1.46	1.00	1.10	1.00	1.22	1.00
Number of children	1.14	1.00	1.15	1.00	1.21	1.00	1.20	1.00
Weekly+ community participation	1.75	1.50	1.54	1.29	1.61	1.14	1.53	1.04
Weekly+ religious attendance	1.44	1.18	1.25	1.00	1.44	1.00	1.39	1.00
Social Distress								
Loneliness	1.43	1.39	1.25	1.20	1.40	1.34	1.23	1.16
Perceived discrimination	1.75	1.51	1.35	1.00	1.80	1.45	1.33	1.00
Character & Prosocial Behavior								
Hope	1.61	1.53	1.32	1.24	1.57	1.46	1.32	1.18
Gratitude	1.55	1.48	1.29	1.22	1.52	1.43	1.30	1.19
Showing love/care	1.51	1.45	1.27	1.20	1.44	1.34	1.24	1.11
Forgivingness	1.81	1.59	1.52	1.33	1.83	1.50	1.60	1.29
Charitable giving	1.38	1.00	1.36	1.02	1.39	1.00	1.39	1.00
Helping strangers	1.23	1.00	1.27	1.00	1.36	1.00	1.40	1.00
Volunteering	1.47	1.21	1.44	1.19	1.34	1.00	1.18	1.00
Physical Health & Health Behavior								
Health problems	1.96	1.67	1.21	1.00	1.74	1.35	1.21	1.00
Pain in past 4 weeks	1.99	1.79	1.06	1.00	1.78	1.49	1.08	1.00
Daily smoker	1.15	1.00	1.22	1.00	1.34	1.00	1.31	1.00
Number of drinks per week	1.02	1.00	1.03	1.00	1.01	1.00	1.04	1.00
Days exercise per week	1.24	1.18	1.13	1.05	1.24	1.17	1.14	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.27	1.00	1.06	1.00	1.31	1.00	1.24	1.00
Currently employed	1.52	1.29	1.24	1.00	1.44	1.00	1.25	1.00
Financially comfortable/getting by	2.27	2.05	1.51	1.30	2.14	1.84	1.56	1.27
Own home	1.23	1.00	1.14	1.00	1.30	1.00	1.15	1.00
Income – top quintile	1.19	1.00	1.27	1.00	1.03	1.00	1.10	1.00
Religion & Spirituality								
Religious/spiritual connection	1.74	1.49	1.39	1.03	1.65	1.30	1.42	1.00
Belief in life after death	1.44	1.19	1.21	1.00	1.23	1.00	1.08	1.00
Transformative religious experience	1.36	1.09	1.22	1.00	1.22	1.00	1.16	1.00
Religious reading or listening	1.46	1.18	1.36	1.00	1.44	1.00	1.40	1.00
Prayer or meditation	1.48	1.23	1.34	1.00	1.37	1.00	1.16	1.00
Belief in God/gods/spiritual forces	1.34	1.00	1.09	1.00	1.30	1.00	1.24	1.00
Religious centrality	1.76	1.54	1.32	1.00	1.62	1.31	1.25	1.00
Religious/spiritual comfort	1.52	1.25	1.17	1.00	1.29	1.00	1.19	1.00
Feel loved by God	1.77	1.50	1.04	1.00	1.76	1.39	1.27	1.00
Feel punished by God	1.27	1.00	1.16	1.00	1.46	1.00	1.38	1.00
Experienced religious criticism	1.44	1.12	1.38	1.05	1.37	1.00	1.28	1.00
Faith-sharing	1.51	1.27	1.11	1.00	1.49	1.14	1.21	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S22a. Weighted summary statistics for demographic and childhood variables in Nigeria

Characteristic	Wave 1 N = 6,827	Wave 2 N = 3,144
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	40 (0.6%)	23 (0.7%)
1943-1953 (current age: 70-79 years)	114 (1.7%)	60 (1.9%)
1953-1963 (current age: 60-69 years)	274 (4.0%)	138 (4.4%)
1963-1973 (current age: 50-59 years)	565 (8.3%)	259 (8.2%)
1973-1983 (current age: 40-49 years)	993 (14.6%)	502 (16.0%)
1983-1993 (current age: 30-39 years)	1,931 (28.3%)	920 (29.3%)
1993-1998 (current age: 25-29 years)	1,212 (17.8%)	551 (17.5%)
1998-2005 (current age: 18-24 years)	1,698 (24.9%)	690 (22.0%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	34.5	35.9
Standard Deviation	13.3	13.4
Min, Max	18.0, 93.0	19.0, 94.0
<i>Gender, n (%)</i>		
Male	3,416 (50.0%)	1,587 (50.5%)
Female	3,410 (50.0%)	1,557 (49.5%)
Other	0 (<0.0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	2,423 (35.5%)	1,027 (32.7%)
Married	3,974 (58.2%)	1,939 (61.7%)
Separated	110 (1.6%)	54 (1.7%)
Divorced	66 (1.0%)	24 (0.8%)
Widowed	199 (2.9%)	87 (2.8%)
Domestic partner	14 (0.2%)	8 (0.3%)
(Missing)	42 (0.6%)	5 (0.1%)
<i>Education (years), n (%)</i>		
Up to 8	2,595 (38.0%)	1,138 (36.2%)
9-15	4,102 (60.1%)	1,873 (59.6%)
16+	129 (1.9%)	133 (4.2%)
(Missing)	2 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	699 (10.2%)	506 (16.1%)
Self-employed	3,879 (56.8%)	1,828 (58.1%)
Retired	164 (2.4%)	50 (1.6%)
Student	692 (10.1%)	183 (5.8%)
Homemaker	487 (7.1%)	88 (2.8%)
Unemployed and looking for a job	698 (10.2%)	383 (12.2%)
None of these/Other	201 (3.0%)	100 (3.2%)
(Missing)	7 (0.1%)	8 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	4,005 (58.7%)	1,933 (61.5%)
Once a week	1,939 (28.4%)	773 (24.6%)
One to three times a month	529 (7.7%)	190 (6.0%)
A few times a year	255 (3.7%)	176 (5.6%)
Never	80 (1.2%)	67 (2.1%)
(Missing)	20 (0.3%)	4 (0.1%)
<i>Immigration status, n (%)</i>		
Born in this country	6,779 (99.3%)	3,124 (99.4%)

Table S22a. Weighted summary statistics for demographic and childhood variables in Nigeria

Characteristic	Wave 1 N = 6,827	Wave 2 N = 3,144
Born in another country	47 (0.7%)	20 (0.6%)
(Missing)	1 (0.0%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	5,558 (81.4%)	2,562 (81.5%)
Parents were divorced	309 (4.5%)	136 (4.3%)
Parents were never married	351 (5.1%)	169 (5.4%)
One or both of them had died	455 (6.7%)	207 (6.6%)
Unsure	58 (0.9%)	33 (1.1%)
(Missing)	95 (1.4%)	37 (1.2%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	5,903 (86.5%)	2,733 (87.0%)
One to three times a month	612 (9.0%)	267 (8.5%)
Less than once a month	134 (2.0%)	62 (2.0%)
Never	135 (2.0%)	61 (2.0%)
(Missing)	43 (0.6%)	21 (0.7%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	5,989 (87.7%)	2,728 (86.8%)
Somewhat good	648 (9.5%)	299 (9.5%)
Somewhat bad	61 (0.9%)	39 (1.2%)
Very bad	19 (0.3%)	11 (0.3%)
(Does not apply)	101 (1.5%)	59 (1.9%)
(Missing)	9 (0.1%)	8 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	5,575 (81.7%)	2,549 (81.1%)
Somewhat good	926 (13.6%)	453 (14.4%)
Somewhat bad	75 (1.1%)	38 (1.2%)
Very bad	43 (0.6%)	11 (0.4%)
(Does not apply)	178 (2.6%)	85 (2.7%)
(Missing)	29 (0.4%)	7 (0.2%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	685 (10.0%)	284 (9.0%)
No	6,046 (88.6%)	2,823 (89.8%)
(Missing)	96 (1.4%)	36 (1.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	892 (13.1%)	391 (12.4%)
No	5,842 (85.6%)	2,729 (86.8%)
(Missing)	93 (1.4%)	23 (0.7%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,668 (39.1%)	1,244 (39.6%)
Very good	2,587 (37.9%)	1,174 (37.4%)
Good	1,152 (16.9%)	561 (17.8%)
Fair	302 (4.4%)	123 (3.9%)
Poor	105 (1.5%)	36 (1.1%)
(Missing)	15 (0.2%)	6 (0.2%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	2,207 (32.3%)	992 (31.6%)
Got by	2,392 (35.0%)	1,105 (35.2%)
Found it difficult	1,636 (24.0%)	771 (24.5%)
Found it very difficult	559 (8.2%)	257 (8.2%)
(Missing)	32 (0.5%)	19 (0.6%)

Table S22a. Weighted summary statistics for demographic and childhood variables in Nigeria

Characteristic	Wave 1 N = 6,827	Wave 2 N = 3,144
<i>Religious affiliation growing up, n (%)</i>		
Christianity	3,502 (51.3%)	1,616 (51.4%)
Taoism	0 (0%)	0 (0%)
Confucianism	1 (<0.0%)	0 (0%)
Primal, Animist, or Folk religion	19 (0.3%)	9 (0.3%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	3,272 (47.9%)	1,503 (47.8%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (<0.0%)	0 (0.0%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	18 (0.3%)	8 (0.3%)
(Missing)	15 (0.2%)	7 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S22b. Weighted summary statistics for exposure and outcome variables in Nigeria

Outcome	Wave 1 N = 6,827	Wave 2 N = 3,144
<i>Secure flourishing index</i>		
Mean	7.4	6.6
Standard Deviation	1.4	1.4
Min, Max	1.3, 10.0	1.1, 10.0
(Missing)	181 (2.6%)	35 (1.1%)
<i>Flourishing index</i>		
Mean	7.8	7.1
Standard Deviation	1.5	1.5
Min, Max	0.6, 10.0	0.4, 10.0
(Missing)	164 (2.4%)	33 (1.1%)
<i>Happiness & life satisfaction</i>		
Mean	6.8	5.9
Standard Deviation	2.4	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.4%)	3 (0.1%)
<i>Physical & mental health</i>		
Mean	8.5	7.6
Standard Deviation	1.8	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (0.4%)	3 (<0.1%)
<i>Meaning & purpose</i>		
Mean	7.9	7.3
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (0.7%)	12 (0.4%)
<i>Character & virtue</i>		
Mean	8.3	7.5
Standard Deviation	1.8	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	58 (0.8%)	3 (0.1%)
<i>Close social relationships</i>		
Mean	7.7	6.9
Standard Deviation	2.2	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.4%)	14 (0.5%)
<i>Financial & material security</i>		
Mean	5.1	4.5
Standard Deviation	2.9	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.3%)	8 (0.3%)
<i>Life satisfaction</i>		
Mean	6.5	5.7
Standard Deviation	2.9	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	3 (0.1%)
<i>Happiness</i>		
Mean	7.1	6.1
Standard Deviation	2.6	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.2%)	0 (0%)
<i>Self-rated physical health</i>		

Table S22b. Weighted summary statistics for exposure and outcome variables in Nigeria

Outcome	Wave 1 N = 6,827	Wave 2 N = 3,144
Mean	8.3	7.3
Standard Deviation	2.2	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.2%)	3 (<0.1%)
<i>Self-rated mental health</i>		
Mean	8.7	8.0
Standard Deviation	2.1	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.3%)	1 (<0.1%)
<i>Understanding purpose</i>		
Mean	8.4	7.9
Standard Deviation	2.1	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.4%)	4 (0.1%)
<i>Meaningful activities</i>		
Mean	7.4	6.7
Standard Deviation	2.5	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.4%)	8 (0.3%)
<i>Orientation to promote good</i>		
Mean	8.2	7.5
Standard Deviation	2.1	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.3%)	1 (<0.1%)
<i>Delayed gratification</i>		
Mean	8.3	7.5
Standard Deviation	2.1	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (0.6%)	2 (<0.1%)
<i>Relationship contentment</i>		
Mean	7.8	7.1
Standard Deviation	2.4	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.3%)	6 (0.2%)
<i>Relationship satisfaction</i>		
Mean	7.6	6.6
Standard Deviation	2.5	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	8 (0.3%)
<i>Financial security</i>		
Mean	5.0	4.4
Standard Deviation	3.1	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	1 (<0.1%)
<i>Material security</i>		
Mean	5.2	4.7
Standard Deviation	3.2	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.1%)	8 (0.3%)
<i>Current life evaluation</i>		
Mean	5.7	4.9

Table S22b. Weighted summary statistics for exposure and outcome variables in Nigeria

Outcome	Wave 1 N = 6,827	Wave 2 N = 3,144
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.3%)	2 (<0.1%)
<i>Future life evaluation</i>		
Mean	8.3	7.7
Standard Deviation	2.1	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	142 (2.1%)	34 (1.1%)
<i>Optimism</i>		
Mean	8.9	8.7
Standard Deviation	1.8	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.3%)	2 (<0.1%)
<i>Freedom to pursue what's important</i>		
Mean	8.2	7.5
Standard Deviation	2.3	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.2%)	1 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	2,572 (37.7%)	927 (29.5%)
Often	2,784 (40.8%)	1,332 (42.4%)
Rarely	1,250 (18.3%)	742 (23.6%)
Never	195 (2.9%)	134 (4.3%)
(Missing)	26 (0.4%)	8 (0.3%)
<i>Life balance, n (%)</i>		
Always	2,241 (32.8%)	1,266 (40.3%)
Often	2,632 (38.6%)	1,045 (33.3%)
Rarely	1,515 (22.2%)	624 (19.8%)
Never	408 (6.0%)	198 (6.3%)
(Missing)	31 (0.5%)	11 (0.4%)
<i>Sense of mastery, n (%)</i>		
Always	2,598 (38.1%)	1,225 (39.0%)
Often	2,894 (42.4%)	1,356 (43.1%)
Rarely	1,189 (17.4%)	477 (15.2%)
Never	124 (1.8%)	83 (2.7%)
(Missing)	21 (0.3%)	2 (0.1%)
<i>Traumatic distress, n (%)</i>		
A lot	975 (14.3%)	858 (27.3%)
Some	1,705 (25.0%)	706 (22.4%)
Not very much	2,433 (35.6%)	1,047 (33.3%)
Not at all	1,687 (24.7%)	530 (16.9%)
(Missing)	28 (0.4%)	3 (0.1%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	3,047 (45.0%)	1,576 (50.5%)
	61 (0.9%)	23 (0.7%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	894 (13.1%)	456 (14.5%)
More than half the days	1,232 (18.0%)	730 (23.2%)
Several days	2,184 (32.0%)	980 (31.2%)
Not at all	2,487 (36.4%)	963 (30.6%)
(Missing)	31 (0.4%)	15 (0.5%)
<i>Depression – loss of interest, n (%)</i>		

Table S22b. Weighted summary statistics for exposure and outcome variables in Nigeria

Outcome	Wave 1 N = 6,827	Wave 2 N = 3,144
Nearly every day	1,389 (20.4%)	681 (21.7%)
More than half the days	1,424 (20.9%)	699 (22.2%)
Several days	2,211 (32.4%)	1,083 (34.5%)
Not at all	1,766 (25.9%)	672 (21.4%)
(Missing)	36 (0.5%)	8 (0.3%)
<i>Anxiety symptoms composite, n (%)</i>	2,498 (37.0%)	1,264 (40.7%)
(Missing)	81 (1.2%)	37 (1.2%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	780 (11.4%)	354 (11.2%)
More than half the days	1,220 (17.9%)	634 (20.2%)
Several days	2,218 (32.5%)	976 (31.1%)
Not at all	2,557 (37.4%)	1,161 (36.9%)
(Missing)	52 (0.8%)	19 (0.6%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	877 (12.8%)	514 (16.3%)
More than half the days	1,206 (17.7%)	608 (19.3%)
Several days	2,295 (33.6%)	976 (31.0%)
Not at all	2,416 (35.4%)	1,026 (32.6%)
(Missing)	33 (0.5%)	20 (0.6%)
<i>Suffering, n (%)</i>		
A lot	1,036 (15.2%)	661 (21.0%)
Some	1,769 (25.9%)	733 (23.3%)
Not very much	2,514 (36.8%)	1,234 (39.3%)
Not at all	1,473 (21.6%)	514 (16.4%)
(Missing)	36 (0.5%)	2 (0.0%)
<i>Social support</i>		
Mean	6.6	5.6
Standard Deviation	2.9	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.4%)	8 (0.3%)
<i>Intimate/close friend, n (%)</i>		
Yes	6,319 (92.6%)	2,799 (89.0%)
No	502 (7.4%)	337 (10.7%)
(Missing)	6 (0.1%)	8 (0.3%)
<i>Government approval, n (%)</i>		
Strongly approve	1,186 (17.4%)	443 (14.1%)
Somewhat approve	1,495 (21.9%)	741 (23.6%)
Neither approve nor disapprove	900 (13.2%)	339 (10.8%)
Somewhat disapprove	1,424 (20.9%)	592 (18.8%)
Strongly disapprove	1,744 (25.5%)	996 (31.7%)
(Missing)	78 (1.1%)	33 (1.0%)
<i>Say in government, n (%)</i>		
Agree	2,791 (40.9%)	1,486 (47.3%)
Disagree	3,113 (45.6%)	1,240 (39.4%)
Unsure	906 (13.3%)	413 (13.1%)
(Missing)	16 (0.2%)	5 (0.2%)
<i>Belonging in country</i>		
Mean	7.3	6.2
Standard Deviation	2.8	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	74 (1.1%)	4 (0.1%)

Table S22b. Weighted summary statistics for exposure and outcome variables in Nigeria

Outcome	Wave 1 N = 6,827	Wave 2 N = 3,144
<i>City/place satisfaction, n (%)</i>		
Satisfied	4,905 (71.9%)	2,290 (72.8%)
Dissatisfied	1,658 (24.3%)	681 (21.7%)
Unsure	258 (3.8%)	167 (5.3%)
(Missing)	6 (0.1%)	5 (0.2%)
<i>Trust within country, n (%)</i>		
All people	163 (2.4%)	28 (0.9%)
Most people	985 (14.4%)	389 (12.4%)
Some people	2,284 (33.5%)	1,174 (37.4%)
Not very many people	2,502 (36.7%)	1,218 (38.7%)
None	761 (11.1%)	300 (9.5%)
(Missing)	132 (1.9%)	35 (1.1%)
<i>Number of children</i>		
Mean	2.8	3.3
Standard Deviation	2.6	2.8
Min, Max	0.0, 19.0	0.0, 20.0
(Missing)	29 (0.4%)	74 (2.4%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	1,040 (15.2%)	297 (9.4%)
Once a week	1,194 (17.5%)	590 (18.8%)
One to three times a month	1,246 (18.3%)	580 (18.4%)
A few times a year	1,656 (24.3%)	733 (23.3%)
Never	1,677 (24.6%)	939 (29.9%)
(Missing)	15 (0.2%)	6 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	4,005 (58.7%)	1,933 (61.5%)
Once a week	1,939 (28.4%)	773 (24.6%)
One to three times a month	529 (7.7%)	190 (6.0%)
A few times a year	255 (3.7%)	176 (5.6%)
Never	80 (1.2%)	67 (2.1%)
(Missing)	20 (0.3%)	4 (0.1%)
<i>Loneliness</i>		
Mean	3.2	4.3
Standard Deviation	2.9	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.3%)	8 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	924 (13.5%)	386 (12.3%)
Often	1,375 (20.1%)	720 (22.9%)
Rarely	2,458 (36.0%)	1,211 (38.5%)
Never	2,012 (29.5%)	819 (26.0%)
(Missing)	58 (0.9%)	8 (0.3%)
<i>Hope</i>		
Mean	8.7	8.1
Standard Deviation	2.0	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.2%)	1 (<0.1%)
<i>Gratitude</i>		
Mean	8.4	7.8
Standard Deviation	2.1	2.4
Min, Max	0.0, 10.0	0.0, 10.0

Table S22b. Weighted summary statistics for exposure and outcome variables in Nigeria

Outcome	Wave 1 N = 6,827	Wave 2 N = 3,144
(Missing)	27 (0.4%)	1 (<0.1%)
<i>Showing love/care</i>		
Mean	8.4	7.9
Standard Deviation	2.0	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.1%)	1 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	4,276 (62.6%)	1,842 (58.6%)
Often	1,983 (29.0%)	1,014 (32.2%)
Rarely	472 (6.9%)	242 (7.7%)
Never	81 (1.2%)	45 (1.4%)
(Missing)	16 (0.2%)	1 (0.0%)
<i>Charitable giving, n (%)</i>		
Yes	3,205 (47.0%)	1,578 (50.2%)
No	3,607 (52.8%)	1,563 (49.7%)
(Missing)	14 (0.2%)	3 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	5,608 (82.2%)	2,799 (89.0%)
No	1,201 (17.6%)	338 (10.8%)
(Missing)	18 (0.3%)	7 (0.2%)
<i>Volunteering, n (%)</i>		
Yes	3,410 (50.0%)	1,832 (58.3%)
No	3,402 (49.8%)	1,296 (41.2%)
(Missing)	15 (0.2%)	16 (0.5%)
<i>Health problems, n (%)</i>		
Yes	925 (13.6%)	650 (20.7%)
No	5,887 (86.2%)	2,485 (79.1%)
(Missing)	14 (0.2%)	8 (0.3%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	828 (12.1%)	613 (19.5%)
Some	1,820 (26.7%)	790 (25.1%)
Not very much	2,663 (39.0%)	1,234 (39.2%)
None at all	1,506 (22.1%)	506 (16.1%)
(Missing)	10 (0.2%)	0 (0.0%)
<i>Number of drinks per week</i>		
Mean	0.6	0.4
Standard Deviation	3.4	1.9
Min, Max	0.0, 97.0	0.0, 80.0
(Missing)	64 (0.9%)	7 (0.2%)
<i>Days exercise per week</i>		
Mean	3.0	3.8
Standard Deviation	2.6	2.7
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	132 (1.9%)	36 (1.1%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	2,595 (38.0%)	1,138 (36.2%)
9-15	4,102 (60.1%)	1,873 (59.6%)
16+	129 (1.9%)	133 (4.2%)
(Missing)	2 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	699 (10.2%)	506 (16.1%)

Table S22b. Weighted summary statistics for exposure and outcome variables in Nigeria

Outcome	Wave 1 N = 6,827	Wave 2 N = 3,144
Self-employed	3,879 (56.8%)	1,828 (58.1%)
Retired	164 (2.4%)	50 (1.6%)
Student	692 (10.1%)	183 (5.8%)
Homemaker	487 (7.1%)	88 (2.8%)
Unemployed and looking for a job	698 (10.2%)	383 (12.2%)
None of these/Other	201 (3.0%)	100 (3.2%)
(Missing)	7 (0.1%)	8 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	551 (8.1%)	444 (14.1%)
Getting by on present income	2,090 (30.6%)	1,140 (36.3%)
Finding it difficult on present income	2,457 (36.0%)	889 (28.3%)
Finding it very difficult on present income	1,641 (24.0%)	647 (20.6%)
(Missing)	87 (1.3%)	23 (0.7%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	2,958 (43.3%)	1,536 (48.9%)
Someone in this household rents this home	3,133 (45.9%)	1,336 (42.5%)
Both	345 (5.0%)	114 (3.6%)
Neither	358 (5.2%)	138 (4.4%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	33 (0.5%)	20 (0.6%)
<i>Religious/spiritual connection, n (%)</i>		
Always	4,256 (62.3%)	2,146 (68.3%)
Often	1,805 (26.4%)	614 (19.5%)
Rarely	578 (8.5%)	250 (7.9%)
Never	170 (2.5%)	128 (4.1%)
(Missing)	18 (0.3%)	6 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	4,943 (72.4%)	2,355 (74.9%)
No	1,461 (21.4%)	501 (16.0%)
Unsure	413 (6.1%)	281 (8.9%)
(Missing)	10 (0.1%)	7 (0.2%)
<i>Transformative religious experience, n (%)</i>		
Yes	4,013 (58.8%)	2,011 (64.0%)
No	2,715 (39.8%)	1,116 (35.5%)
(Missing)	99 (1.4%)	17 (0.5%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	2,286 (33.5%)	1,179 (37.5%)
About once a day	1,976 (28.9%)	769 (24.4%)
Sometimes	2,204 (32.3%)	1,011 (32.2%)
Never	335 (4.9%)	182 (5.8%)
(Missing)	25 (0.4%)	4 (0.1%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	4,932 (72.2%)	2,351 (74.8%)
About once a day	1,307 (19.1%)	509 (16.2%)
Sometimes	530 (7.8%)	256 (8.1%)
Never	44 (0.6%)	23 (0.7%)
(Missing)	15 (0.2%)	5 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	6,656 (97.5%)	3,108 (98.9%)

Table S22b. Weighted summary statistics for exposure and outcome variables in Nigeria

Outcome	Wave 1 N = 6,827	Wave 2 N = 3,144
More than one god	101 (1.5%)	10 (0.3%)
An impersonal spiritual force	27 (0.4%)	8 (0.3%)
None of these	20 (0.3%)	5 (0.2%)
Unsure	13 (0.2%)	9 (0.3%)
(Missing)	10 (0.1%)	3 (0.1%)
<i>Religious centrality, n (%)</i>		
Agree	6,074 (89.0%)	2,789 (88.7%)
Disagree	484 (7.1%)	167 (5.3%)
Not relevant	119 (1.7%)	76 (2.4%)
Unsure	146 (2.1%)	106 (3.4%)
(Missing)	5 (0.1%)	5 (0.2%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	6,386 (93.5%)	2,912 (92.6%)
Disagree	303 (4.4%)	117 (3.7%)
Not relevant	64 (0.9%)	52 (1.7%)
Unsure	69 (1.0%)	60 (1.9%)
(Missing)	5 (0.1%)	3 (0.1%)
<i>Feel loved by God, n (%)</i>		
Agree	6,452 (94.5%)	3,013 (95.9%)
Disagree	214 (3.1%)	54 (1.7%)
Not relevant	83 (1.2%)	33 (1.1%)
Unsure	67 (1.0%)	42 (1.3%)
(Missing)	10 (0.1%)	1 (0.0%)
<i>Feel punished by God, n (%)</i>		
Agree	1,768 (25.9%)	718 (22.8%)
Disagree	3,970 (58.2%)	1,985 (63.1%)
Not relevant	549 (8.0%)	222 (7.1%)
Unsure	510 (7.5%)	216 (6.9%)
(Missing)	30 (0.4%)	2 (0.1%)
<i>Experienced religious criticism, n (%)</i>		
Agree	3,371 (49.4%)	1,463 (46.5%)
Disagree	2,319 (34.0%)	1,058 (33.7%)
Not relevant	564 (8.3%)	300 (9.5%)
Unsure	553 (8.1%)	318 (10.1%)
(Missing)	20 (0.3%)	4 (0.1%)
<i>Faith-sharing, n (%)</i>		
Agree	5,233 (76.7%)	2,483 (79.0%)
Disagree	1,098 (16.1%)	375 (11.9%)
Not relevant	342 (5.0%)	171 (5.4%)
Unsure	148 (2.2%)	99 (3.1%)
(Missing)	6 (0.1%)	16 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S22c. Unweighted summary statistics for demographic and childhood variables in Nigeria by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,761	Retained-Observed in Wave 2 N = 2,992
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	4 (0.1%)	37 (1.2%)
1943-1953 (current age: 70-79 years)	39 (1.0%)	75 (2.5%)
1953-1963 (current age: 60-69 years)	129 (3.4%)	144 (4.8%)
1963-1973 (current age: 50-59 years)	284 (7.5%)	277 (9.3%)
1973-1983 (current age: 40-49 years)	518 (13.8%)	467 (15.6%)
1983-1993 (current age: 30-39 years)	1,064 (28.3%)	846 (28.3%)
1993-1998 (current age: 25-29 years)	709 (18.8%)	488 (16.3%)
1998-2005 (current age: 18-24 years)	1,015 (27.0%)	659 (22.0%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	33.1	36.3
Standard Deviation	12.3	14.5
Min, Max	18.0, 82.0	18.0, 93.0
<i>Gender, n (%)</i>		
Male	1,839 (48.9%)	1,543 (51.6%)
Female	1,922 (51.1%)	1,449 (48.4%)
Other	0 (0.0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,377 (36.6%)	1,017 (34.0%)
Married	2,189 (58.2%)	1,741 (58.2%)
Separated	49 (1.3%)	60 (2.0%)
Divorced	33 (0.9%)	32 (1.1%)
Widowed	76 (2.0%)	123 (4.1%)
Domestic partner	10 (0.3%)	3 (0.1%)
(Missing)	26 (0.7%)	15 (0.5%)
<i>Education (years), n (%)</i>		
Up to 8	1,464 (38.9%)	1,100 (36.8%)
9-15	2,232 (59.3%)	1,828 (61.1%)
16+	64 (1.7%)	63 (2.1%)
(Missing)	0 (0.0%)	1 (0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	378 (10.1%)	313 (10.5%)
Self-employed	2,165 (57.6%)	1,670 (55.8%)
Retired	72 (1.9%)	91 (3.0%)
Student	397 (10.6%)	286 (9.6%)
Homemaker	250 (6.7%)	233 (7.8%)
Unemployed and looking for a job	402 (10.7%)	287 (9.6%)
None of these/Other	93 (2.5%)	107 (3.6%)
(Missing)	3 (0.1%)	4 (0.1%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	2,087 (55.5%)	1,883 (62.9%)
Once a week	1,131 (30.1%)	783 (26.2%)
One to three times a month	319 (8.5%)	202 (6.8%)
A few times a year	153 (4.1%)	98 (3.3%)
Never	60 (1.6%)	18 (0.6%)
(Missing)	11 (0.3%)	8 (0.3%)
<i>Immigration status, n (%)</i>		

Table S22c. Unweighted summary statistics for demographic and childhood variables in Nigeria by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,761	Retained-Observed in Wave 2 N = 2,992
Born in this country	3,735 (99.3%)	2,971 (99.3%)
Born in another country	25 (0.7%)	21 (0.7%)
(Missing)	1 (0.0%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	3,059 (81.3%)	2,439 (81.5%)
Parents were divorced	176 (4.7%)	130 (4.3%)
Parents were never married	197 (5.2%)	150 (5.0%)
One or both of them had died	252 (6.7%)	199 (6.6%)
Unsure	23 (0.6%)	35 (1.2%)
(Missing)	54 (1.4%)	40 (1.3%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	3,241 (86.2%)	2,598 (86.8%)
One to three times a month	350 (9.3%)	255 (8.5%)
Less than once a month	73 (1.9%)	60 (2.0%)
Never	74 (2.0%)	60 (2.0%)
(Missing)	24 (0.6%)	19 (0.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	3,327 (88.4%)	2,596 (86.7%)
Somewhat good	354 (9.4%)	287 (9.6%)
Somewhat bad	23 (0.6%)	38 (1.3%)
Very bad	9 (0.2%)	10 (0.4%)
(Does not apply)	47 (1.2%)	53 (1.8%)
(Missing)	2 (0.0%)	8 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	3,090 (82.2%)	2,423 (81.0%)
Somewhat good	485 (12.9%)	432 (14.5%)
Somewhat bad	40 (1.1%)	34 (1.1%)
Very bad	31 (0.8%)	12 (0.4%)
(Does not apply)	95 (2.5%)	82 (2.7%)
(Missing)	20 (0.5%)	9 (0.3%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	405 (10.8%)	271 (9.1%)
No	3,296 (87.6%)	2,687 (89.8%)
(Missing)	60 (1.6%)	34 (1.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	518 (13.8%)	363 (12.1%)
No	3,175 (84.4%)	2,607 (87.1%)
(Missing)	69 (1.8%)	22 (0.7%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,467 (39.0%)	1,172 (39.2%)
Very good	1,426 (37.9%)	1,132 (37.8%)
Good	616 (16.4%)	524 (17.5%)
Fair	176 (4.7%)	121 (4.1%)
Poor	65 (1.7%)	38 (1.3%)
(Missing)	10 (0.3%)	5 (0.2%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,236 (32.9%)	946 (31.6%)

Table S22c. Unweighted summary statistics for demographic and childhood variables in Nigeria by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,761	Retained-Observed in Wave 2 N = 2,992
Got by	1,328 (35.3%)	1,038 (34.7%)
Found it difficult	878 (23.3%)	742 (24.8%)
Found it very difficult	305 (8.1%)	249 (8.3%)
(Missing)	15 (0.4%)	17 (0.6%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	1,939 (51.5%)	1,525 (51.0%)
Taoism	0 (0%)	0 (0%)
Confucianism	1 (0.0%)	0 (0%)
Primal, Animist, or Folk religion	11 (0.3%)	8 (0.3%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	1,794 (47.7%)	1,443 (48.2%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	0 (0.0%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	8 (0.2%)	10 (0.3%)
(Missing)	9 (0.3%)	6 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S22d. Unweighted summary statistics for Wave 1 outcome variables in Nigeria by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 3,761	Wave 2 N = 2,992
<i>Secure flourishing index</i>		
Mean	7.4	7.3
Standard Deviation	1.4	1.4
Min, Max	1.7, 10.0	1.3, 10.0
(Missing)	102 (2.7%)	77 (2.6%)
<i>Flourishing index</i>		
Mean	7.9	7.8
Standard Deviation	1.4	1.5
Min, Max	1.6, 10.0	0.6, 10.0
(Missing)	95 (2.5%)	67 (2.2%)
<i>Happiness & life satisfaction</i>		
Mean	6.9	6.7
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.4%)	11 (0.4%)
<i>Physical & mental health</i>		
Mean	8.6	8.4
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	12 (0.4%)
<i>Meaning & purpose</i>		
Mean	8.0	7.8
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.7%)	22 (0.7%)
<i>Character & virtue</i>		
Mean	8.3	8.3
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	39 (1.0%)	17 (0.6%)
<i>Close social relationships</i>		
Mean	7.7	7.7
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	15 (0.5%)
<i>Financial & material security</i>		
Mean	5.3	4.9
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	10 (0.3%)
<i>Life satisfaction</i>		
Mean	6.6	6.4
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	8 (0.3%)
<i>Happiness</i>		
Mean	7.2	7.0
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0

Table S22d. Unweighted summary statistics for Wave 1 outcome variables in Nigeria by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 3,761	Wave 2 N = 2,992
(Missing)	8 (0.2%)	4 (0.1%)
<i>Self-rated physical health</i>		
Mean	8.4	8.1
Standard Deviation	2.1	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	7 (0.3%)
<i>Self-rated mental health</i>		
Mean	8.7	8.6
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	6 (0.2%)
<i>Understanding purpose</i>		
Mean	8.4	8.3
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.5%)	9 (0.3%)
<i>Meaningful activities</i>		
Mean	7.5	7.3
Standard Deviation	2.5	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.3%)	14 (0.5%)
<i>Orientation to promote good</i>		
Mean	8.2	8.3
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	13 (0.4%)
<i>Delayed gratification</i>		
Mean	8.4	8.3
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.8%)	8 (0.3%)
<i>Relationship contentment</i>		
Mean	7.8	7.8
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	11 (0.4%)
<i>Relationship satisfaction</i>		
Mean	7.6	7.6
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	6 (0.2%)
<i>Financial security</i>		
Mean	5.2	4.8
Standard Deviation	3.1	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	3 (0.1%)
<i>Material security</i>		
Mean	5.4	5.1
Standard Deviation	3.2	3.2

Table S22d. Unweighted summary statistics for Wave 1 outcome variables in Nigeria by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,761	Wave 2 N = 2,992
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	7 (0.2%)
<i>Current life evaluation</i>		
Mean	5.7	5.8
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	9 (0.3%)
<i>Future life evaluation</i>		
Mean	8.3	8.3
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	86 (2.3%)	54 (1.8%)
<i>Optimism</i>		
Mean	8.9	9.0
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	12 (0.4%)
<i>Freedom to pursue what's important</i>		
Mean	8.2	8.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	3 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	1,426 (37.9%)	1,118 (37.3%)
Often	1,508 (40.1%)	1,248 (41.7%)
Rarely	695 (18.5%)	541 (18.1%)
Never	121 (3.2%)	70 (2.4%)
(Missing)	10 (0.3%)	16 (0.5%)
<i>Life balance, n (%)</i>		
Always	1,261 (33.5%)	955 (31.9%)
Often	1,442 (38.3%)	1,162 (38.8%)
Rarely	829 (22.0%)	671 (22.4%)
Never	208 (5.5%)	197 (6.6%)
(Missing)	22 (0.6%)	8 (0.3%)
<i>Sense of mastery, n (%)</i>		
Always	1,464 (38.9%)	1,104 (36.9%)
Often	1,551 (41.2%)	1,315 (44.0%)
Rarely	668 (17.8%)	507 (17.0%)
Never	68 (1.8%)	55 (1.8%)
(Missing)	10 (0.3%)	11 (0.4%)
<i>Traumatic distress, n (%)</i>		
A lot	518 (13.8%)	447 (15.0%)
Some	927 (24.6%)	760 (25.4%)
Not very much	1,379 (36.7%)	1,025 (34.3%)
Not at all	923 (24.5%)	746 (24.9%)
(Missing)	14 (0.4%)	14 (0.5%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,729 (46.4%)	1,282 (43.3%)
<i>Depression – feel hopeless, n (%)</i>	32 (0.8%)	29 (1.0%)

Table S22d. Unweighted summary statistics for Wave 1 outcome variables in Nigeria by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,761	Wave 2 N = 2,992
Nearly every day	510 (13.6%)	372 (12.4%)
More than half the days	699 (18.6%)	518 (17.3%)
Several days	1,209 (32.2%)	951 (31.8%)
Not at all	1,327 (35.3%)	1,135 (37.9%)
(Missing)	15 (0.4%)	15 (0.5%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	796 (21.2%)	576 (19.3%)
More than half the days	801 (21.3%)	607 (20.3%)
Several days	1,221 (32.5%)	965 (32.3%)
Not at all	921 (24.5%)	829 (27.7%)
(Missing)	22 (0.6%)	14 (0.5%)
<i>Anxiety symptoms composite, n (%)</i>	1,406 (37.8%)	1,063 (36.0%)
(Missing)	42 (1.1%)	39 (1.3%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	429 (11.4%)	342 (11.4%)
More than half the days	683 (18.2%)	524 (17.5%)
Several days	1,219 (32.4%)	976 (32.6%)
Not at all	1,402 (37.3%)	1,128 (37.7%)
(Missing)	28 (0.8%)	23 (0.8%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	485 (12.9%)	382 (12.8%)
More than half the days	684 (18.2%)	508 (17.0%)
Several days	1,297 (34.5%)	972 (32.5%)
Not at all	1,280 (34.0%)	1,113 (37.2%)
(Missing)	15 (0.4%)	17 (0.6%)
<i>Suffering, n (%)</i>		
A lot	539 (14.3%)	488 (16.3%)
Some	1,035 (27.5%)	711 (23.8%)
Not very much	1,350 (35.9%)	1,139 (38.1%)
Not at all	816 (21.7%)	640 (21.4%)
(Missing)	21 (0.6%)	14 (0.5%)
<i>Social support</i>		
Mean	6.7	6.5
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.4%)	13 (0.4%)
<i>Intimate/close friend, n (%)</i>		
Yes	3,473 (92.3%)	2,778 (92.9%)
No	283 (7.5%)	213 (7.1%)
(Missing)	5 (0.1%)	1 (0.0%)
<i>Government approval, n (%)</i>		
Strongly approve	666 (17.7%)	507 (16.9%)
Somewhat approve	832 (22.1%)	646 (21.6%)
Neither approve nor disapprove	500 (13.3%)	391 (13.1%)
Somewhat disapprove	764 (20.3%)	645 (21.6%)
Strongly disapprove	948 (25.2%)	778 (26.0%)
(Missing)	51 (1.4%)	26 (0.9%)
<i>Say in government, n (%)</i>		
Agree	1,552 (41.3%)	1,208 (40.4%)

Table S22d. Unweighted summary statistics for Wave 1 outcome variables in Nigeria by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2	Wave 2
	N = 3,761	N = 2,992
Disagree	1,697 (45.1%)	1,384 (46.3%)
Unsure	498 (13.2%)	399 (13.3%)
(Missing)	14 (0.4%)	2 (0.1%)
<i>Belonging in country</i>		
Mean	7.4	7.1
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	39 (1.0%)	35 (1.2%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	2,689 (71.5%)	2,164 (72.3%)
Dissatisfied	931 (24.8%)	707 (23.6%)
Unsure	136 (3.6%)	120 (4.0%)
(Missing)	5 (0.1%)	1 (0.0%)
<i>Trust within country, n (%)</i>		
All people	85 (2.3%)	76 (2.5%)
Most people	555 (14.8%)	418 (14.0%)
Some people	1,291 (34.3%)	967 (32.3%)
Not very many people	1,332 (35.4%)	1,146 (38.3%)
None	428 (11.4%)	325 (10.8%)
(Missing)	70 (1.9%)	60 (2.0%)
<i>Number of children</i>		
Mean	2.8	2.8
Standard Deviation	2.7	2.5
Min, Max	0.0, 19.0	0.0, 18.0
(Missing)	20 (0.5%)	9 (0.3%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	567 (15.1%)	462 (15.4%)
Once a week	647 (17.2%)	535 (17.9%)
One to three times a month	662 (17.6%)	572 (19.1%)
A few times a year	891 (23.7%)	748 (25.0%)
Never	987 (26.3%)	668 (22.3%)
(Missing)	7 (0.2%)	8 (0.3%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	2,087 (55.5%)	1,883 (62.9%)
Once a week	1,131 (30.1%)	783 (26.2%)
One to three times a month	319 (8.5%)	202 (6.8%)
A few times a year	153 (4.1%)	98 (3.3%)
Never	60 (1.6%)	18 (0.6%)
(Missing)	11 (0.3%)	8 (0.3%)
<i>Loneliness</i>		
Mean	3.1	3.4
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	12 (0.4%)
<i>Perceived discrimination, n (%)</i>		
Always	529 (14.1%)	384 (12.8%)
Often	747 (19.9%)	614 (20.5%)
Rarely	1,367 (36.3%)	1,064 (35.5%)
Never	1,088 (28.9%)	904 (30.2%)

Table S22d. Unweighted summary statistics for Wave 1 outcome variables in Nigeria by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,761	N = 2,992
(Missing)	31 (0.8%)	27 (0.9%)
<i>Hope</i>		
Mean	8.6	8.7
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	7 (0.2%)
<i>Gratitude</i>		
Mean	8.4	8.4
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	16 (0.5%)
<i>Showing love/care</i>		
Mean	8.4	8.4
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	6 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	2,374 (63.1%)	1,854 (62.0%)
Often	1,090 (29.0%)	872 (29.1%)
Rarely	237 (6.3%)	231 (7.7%)
Never	51 (1.3%)	29 (1.0%)
(Missing)	10 (0.3%)	6 (0.2%)
<i>Charitable giving, n (%)</i>		
Yes	1,766 (46.9%)	1,405 (47.0%)
No	1,983 (52.7%)	1,585 (53.0%)
(Missing)	12 (0.3%)	2 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	3,070 (81.6%)	2,478 (82.8%)
No	679 (18.1%)	508 (17.0%)
(Missing)	11 (0.3%)	6 (0.2%)
<i>Volunteering, n (%)</i>		
Yes	1,864 (49.6%)	1,510 (50.5%)
No	1,884 (50.1%)	1,480 (49.5%)
(Missing)	12 (0.3%)	2 (0.1%)
<i>Health problems, n (%)</i>		
Yes	475 (12.6%)	443 (14.8%)
No	3,276 (87.1%)	2,546 (85.1%)
(Missing)	10 (0.3%)	4 (0.1%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	440 (11.7%)	380 (12.7%)
Some	1,026 (27.3%)	773 (25.8%)
Not very much	1,470 (39.1%)	1,164 (38.9%)
None at all	818 (21.8%)	672 (22.5%)
(Missing)	7 (0.2%)	3 (0.1%)
<i>Number of drinks per week</i>		
Mean	0.6	0.5
Standard Deviation	3.8	3.0
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	32 (0.9%)	31 (1.1%)

Table S22d. Unweighted summary statistics for Wave 1 outcome variables in Nigeria by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 3,761	Wave 2 N = 2,992
<i>Days exercise per week</i>		
Mean	3.0	3.1
Standard Deviation	2.6	2.6
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	65 (1.7%)	66 (2.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	1,464 (38.9%)	1,100 (36.8%)
9-15	2,232 (59.3%)	1,828 (61.1%)
16+	64 (1.7%)	63 (2.1%)
(Missing)	0 (0.0%)	1 (0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	378 (10.1%)	313 (10.5%)
Self-employed	2,165 (57.6%)	1,670 (55.8%)
Retired	72 (1.9%)	91 (3.0%)
Student	397 (10.6%)	286 (9.6%)
Homemaker	250 (6.7%)	233 (7.8%)
Unemployed and looking for a job	402 (10.7%)	287 (9.6%)
None of these/Other	93 (2.5%)	107 (3.6%)
(Missing)	3 (0.1%)	4 (0.1%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	292 (7.8%)	254 (8.5%)
Getting by on present income	1,094 (29.1%)	978 (32.7%)
Finding it difficult on present income	1,435 (38.2%)	991 (33.1%)
Finding it very difficult on present income	876 (23.3%)	749 (25.0%)
(Missing)	64 (1.7%)	21 (0.7%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,574 (41.9%)	1,356 (45.3%)
Someone in this household rents this home	1,764 (46.9%)	1,332 (44.5%)
Both	194 (5.2%)	147 (4.9%)
Neither	210 (5.6%)	144 (4.8%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	19 (0.5%)	13 (0.4%)
<i>Religious/spiritual connection, n (%)</i>		
Always	2,334 (62.0%)	1,877 (62.7%)
Often	992 (26.4%)	794 (26.5%)
Rarely	349 (9.3%)	221 (7.4%)
Never	76 (2.0%)	94 (3.1%)
(Missing)	11 (0.3%)	7 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	2,694 (71.6%)	2,197 (73.4%)
No	823 (21.9%)	621 (20.8%)
Unsure	240 (6.4%)	168 (5.6%)
(Missing)	4 (0.1%)	6 (0.2%)
<i>Transformative religious experience, n (%)</i>		
Yes	2,188 (58.2%)	1,783 (59.6%)
No	1,516 (40.3%)	1,168 (39.0%)
(Missing)	57 (1.5%)	41 (1.4%)

Table S22d. Unweighted summary statistics for Wave 1 outcome variables in Nigeria by retention status.

Outcome	Attriters-NotRetained-Observed in	Wave 2
	Observed in Wave 2 N = 3,761	Wave 2 N = 2,992
<i>Religious reading or listening, n (%)</i>		
More than once a day	1,213 (32.2%)	1,052 (35.1%)
About once a day	1,135 (30.2%)	817 (27.3%)
Sometimes	1,199 (31.9%)	982 (32.8%)
Never	200 (5.3%)	130 (4.4%)
(Missing)	15 (0.4%)	11 (0.4%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	2,664 (70.8%)	2,217 (74.1%)
About once a day	756 (20.1%)	535 (17.9%)
Sometimes	304 (8.1%)	219 (7.3%)
Never	26 (0.7%)	17 (0.6%)
(Missing)	11 (0.3%)	4 (0.1%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	3,671 (97.6%)	2,912 (97.3%)
More than one god	56 (1.5%)	43 (1.5%)
An impersonal spiritual force	13 (0.3%)	14 (0.5%)
None of these	5 (0.1%)	15 (0.5%)
Unsure	8 (0.2%)	6 (0.2%)
(Missing)	8 (0.2%)	2 (0.1%)
<i>Religious centrality, n (%)</i>		
Agree	3,336 (88.7%)	2,673 (89.3%)
Disagree	288 (7.7%)	189 (6.3%)
Not relevant	51 (1.4%)	68 (2.3%)
Unsure	84 (2.2%)	60 (2.0%)
(Missing)	2 (0.1%)	3 (0.1%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	3,505 (93.2%)	2,813 (94.0%)
Disagree	177 (4.7%)	121 (4.1%)
Not relevant	36 (1.0%)	27 (0.9%)
Unsure	39 (1.0%)	30 (1.0%)
(Missing)	4 (0.1%)	1 (0.0%)
<i>Feel loved by God, n (%)</i>		
Agree	3,553 (94.5%)	2,830 (94.6%)
Disagree	128 (3.4%)	83 (2.8%)
Not relevant	43 (1.1%)	39 (1.3%)
Unsure	31 (0.8%)	36 (1.2%)
(Missing)	6 (0.2%)	4 (0.1%)
<i>Feel punished by God, n (%)</i>		
Agree	1,012 (26.9%)	734 (24.5%)
Disagree	2,141 (56.9%)	1,789 (59.8%)
Not relevant	315 (8.4%)	227 (7.6%)
Unsure	274 (7.3%)	231 (7.7%)
(Missing)	19 (0.5%)	11 (0.4%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,869 (49.7%)	1,465 (49.0%)
Disagree	1,281 (34.0%)	1,014 (33.9%)
Not relevant	313 (8.3%)	244 (8.2%)
Unsure	288 (7.7%)	260 (8.7%)
(Missing)	10 (0.3%)	9 (0.3%)

Table S22d. Unweighted summary statistics for Wave 1 outcome variables in Nigeria by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2	Wave 2
	N = 3,761	N = 2,992
<i>Faith-sharing, n (%)</i>		
Agree	2,904 (77.2%)	2,271 (75.9%)
Disagree	612 (16.3%)	474 (15.8%)
Not relevant	168 (4.5%)	171 (5.7%)
Unsure	73 (1.9%)	74 (2.5%)
(Missing)	4 (0.1%)	2 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S22e. Summary of fitted attrition model in Nigeria

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.68	0.59, 0.78	7.16e-08
Happiness & life satisfaction	0.95	0.88, 1.04	0.259
Physical & mental health	0.94	0.87, 1.02	0.161
Meaning & purpose	0.93	0.84, 1.02	0.135
Character & virtue	1.09	1.00, 1.18	0.047
Close social relationships	1.06	0.98, 1.15	0.171
Financial & material security	0.92	0.85, 0.99	0.025
Extraversion	1.0	0.92, 1.07	0.895
Openness to experience	0.98	0.89, 1.07	0.590
Agreeableness	0.99	0.90, 1.08	0.750
Conscientiousness	1.02	0.94, 1.10	0.609
Neuroticism	0.95	0.88, 1.03	0.219
Depression symptoms composite	0.94	0.87, 1.02	0.144
Anxiety symptoms composite	0.97	0.89, 1.05	0.408
Loneliness	1.07	0.99, 1.16	0.087
Days exercise per week	1.04	0.97, 1.12	0.288
Year of birth (age group)			
1983-1993 (current age: 30-39 years)	—	—	
1998-2005 (current age: 18-24 years)	0.81	0.67, 0.98	0.032
1993-1998 (current age: 25-29 years)	0.82	0.69, 0.98	0.025
1973-1983 (current age: 40-49 years)	1.35	1.09, 1.67	0.006
1963-1973 (current age: 50-59 years)	1.81	1.27, 2.57	0.001
1953-1963 (current age: 60-69 years)	2.56	1.41, 4.64	0.002
1943-1953 (current age: 70-79 years)	4.16	1.57, 11.0	0.004
1943 or earlier (current age: 80+ years)	23.1	3.09, 173	0.002
Gender of respondent			
Male	—	—	
Female	0.97	0.83, 1.13	0.687
Other	0.00	0.00, 0.00	2.09e-18
Marital status			
Married	—	—	
Single/Never been married	1.06	0.92, 1.24	0.411
Separated	1.42	0.82, 2.43	0.208
Widowed	1.10	0.65, 1.86	0.728
Divorced	0.94	0.45, 1.95	0.868
Domestic partner	0.49	0.12, 1.94	0.309
Employment status			
Self-employed	—	—	
Employed for an employer	1.04	0.83, 1.29	0.738
Student	1.09	0.88, 1.36	0.440
Unemployed and looking for a job	0.98	0.75, 1.26	0.855
Homemaker	1.41	1.04, 1.92	0.027
None of these/Other	1.43	0.91, 2.25	0.117
Retired	1.04	0.54, 2.02	0.907
Religious attendance			
More than once a week	—	—	
Once a week	0.79	0.67, 0.93	0.005
One to three times a month	0.73	0.57, 0.94	0.014
A few times a year	0.65	0.48, 0.88	0.006
Never	0.28	0.14, 0.57	5.59e-04
Educational attainment (16+ years)			
9-15	—	—	

Table S22e. Summary of fitted attrition model in Nigeria

Characteristic	Odds Ratio	95% CI	p-value
<i>Up to 8</i>	1.67	1.19, 2.34	0.003
<i>16+</i>	1.02	0.76, 1.36	0.892
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.95	0.42, 2.11	0.894
Race plurality (prominent race/ethnic group [0] or not [1])	0.89	0.80, 1.0	0.040
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A large city</i>	1.16	0.93, 1.44	0.191
<i>A rural area or on a farm</i>	1.05	0.81, 1.34	0.725
<i>A suburb of a large city</i>	0.96	0.71, 1.28	0.759
Monthly household income			
<i>Nigeria: 47,001 – 57,000 naira/month</i>	—	—	
<i>Nigeria: 24,001 – 30,000 naira/month</i>	1.13	0.84, 1.51	0.425
<i>Nigeria: 57,001 – 67,000 naira/month</i>	0.97	0.72, 1.32	0.855
<i>Nigeria: 30,001 – 37,000 naira/month</i>	1.10	0.79, 1.52	0.571
<i>Nigeria: 37,001 – 47,000 naira/month</i>	1.06	0.76, 1.48	0.721
<i>Nigeria: 18,001 – 24,000 naira/month</i>	1.29	0.93, 1.79	0.129
<i>Nigeria: 77,001 – 100,000 naira/month</i>	1.08	0.78, 1.51	0.638
<i>Nigeria: 67,001 – 77,000 naira/month</i>	0.90	0.66, 1.23	0.512
<i>(None/No household income)</i>	1.32	0.90, 1.93	0.157
<i>Nigeria: 100,001 – 150,000 naira/month</i>	0.94	0.64, 1.40	0.773
<i>Nigeria: More than 150,000 naira/month</i>	1.26	0.88, 1.80	0.204
<i>Nigeria: 13,001 – 18,000 naira/month</i>	1.81	1.23, 2.67	0.003
<i>Nigeria: 9,001 – 13,000 naira/month</i>	1.06	0.70, 1.58	0.793
<i>Nigeria: 3,701 – 6,000 naira/month</i>	2.03	1.16, 3.56	0.014
<i>Nigeria: 6,001 – 9,000 naira/month</i>	1.15	0.65, 2.03	0.624
<i>Nigeria: 3,700 naira/month or less</i>	1.21	0.66, 2.22	0.541

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=6827; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S22f. Summary of principal components in Nigeria

PC	Percent Explained by each PC	Cumulative Percent Explained
1	38.94	38.94
2	4.36	43.30
3	2.50	45.80
4	2.02	47.82
5	1.80	49.63
6	1.76	51.38
7	1.52	52.90
8	1.42	54.33
9	1.37	55.70
10	1.32	57.02
11	1.29	58.31
12	1.25	59.56
13	1.22	60.78
14	1.18	61.96
15	1.16	63.12
16	1.10	64.22
17	1.09	65.31
18	1.06	66.37
19	1.02	67.39
20	1.01	68.40

Notes. N=6827; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S22g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Nigeria

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.23	(0.19,0.28)	0.02	2.22e-16***	0.19	(0.14,0.25)	0.03	6.93e-12***
Flourishing index	0.22	(0.17,0.26)	0.02	2.22e-16***	0.16	(0.11,0.21)	0.02	1.11e-10***
Happiness & life satisfaction	0.18	(0.13,0.22)	0.02	2.29e-13***	0.10	(0.06,0.15)	0.02	3.15e-05***
Physical & mental health	0.18	(0.13,0.23)	0.02	3.37e-12***	0.12	(0.06,0.17)	0.03	5.78e-05***
Meaning & purpose	0.15	(0.11,0.19)	0.02	1.04e-12***	0.06	(0.01,0.11)	0.02	0.011*
Character & virtue	0.14	(0.10,0.18)	0.02	1.88e-10***	0.07	(0.02,0.11)	0.02	0.007*
Close social relationships	0.13	(0.08,0.17)	0.02	3.52e-09***	0.04	(-0.00,0.08)	0.02	0.076
Financial & material security	0.13	(0.09,0.17)	0.02	3.86e-09***	0.08	(0.04,0.12)	0.02	2.04e-04***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.16	(0.11,0.20)	0.02	1.87e-11***	0.08	(0.03,0.13)	0.02	8.32e-04**
Happiness (a)	0.15	(0.10,0.19)	0.02	9.77e-10***	0.07	(0.02,0.12)	0.02	0.006*
Self-rated physical health (b)	0.17	(0.12,0.22)	0.02	3.8e-11***	0.10	(0.05,0.16)	0.03	2.38e-04***
Self-rated mental health (b)	0.14	(0.10,0.18)	0.02	5.19e-10***	0.07	(0.03,0.12)	0.02	1.47e-03**
Understanding purpose (c)	0.10	(0.06,0.14)	0.02	1.07e-06***	0.02	(-0.02,0.07)	0.02	0.279
Meaningful activities (c)	0.14	(0.10,0.18)	0.02	7.38e-12***	0.06	(0.02,0.10)	0.02	0.007*
Orientation to promote good (d)	0.10	(0.06,0.14)	0.02	1.45e-06***	0.03	(-0.02,0.07)	0.02	0.229
Delayed gratification (d)	0.14	(0.09,0.18)	0.02	4.69e-10***	0.07	(0.03,0.12)	0.02	1.8e-03**
Relationship contentment (e)	0.09	(0.05,0.13)	0.02	3.25e-05***	0.01	(-0.04,0.05)	0.02	0.818
Relationship satisfaction (e)	0.13	(0.09,0.17)	0.02	5.22e-10***	0.05	(0.01,0.10)	0.02	0.014*
Financial security (f)	0.13	(0.09,0.17)	0.02	2.97e-09***	0.07	(0.03,0.11)	0.02	1.38e-03**
Material security (f)	0.10	(0.06,0.14)	0.02	1.46e-06***	0.04	(-0.00,0.08)	0.02	0.057
<i>Psychological Well-Being</i>								
Current life evaluation	0.08	(0.04,0.13)	0.02	9.49e-05***	0.02	(-0.02,0.06)	0.02	0.415
Future life evaluation	0.10	(0.06,0.14)	0.02	4.2e-07***	0.04	(-0.00,0.08)	0.02	0.053
Optimism	0.09	(0.04,0.13)	0.02	7.37e-05***	0.02	(-0.03,0.07)	0.02	0.364
Freedom to pursue what's important	0.13	(0.09,0.18)	0.02	1.01e-07***	0.06	(0.01,0.11)	0.03	0.023*
Inner peace	0.09	(0.04,0.13)	0.02	6.56e-05***	0.04	(-0.00,0.09)	0.02	0.061
Life balance	0.05	(0.01,0.09)	0.02	0.025*	0.00	(-0.04,0.05)	0.02	0.835
Sense of mastery	0.02	(-0.02,0.06)	0.02	0.325	-0.01	(-0.05,0.03)	0.02	0.602
<i>Psychological Distress</i>								
Traumatic distress	-0.05	(-0.09,-0.02)	0.02	3.37e-03**	0.02	(-0.02,0.06)	0.02	0.374
Depression symptoms composite	-0.07	(-0.11,-0.03)	0.02	9.69e-04**	0.00	(-0.04,0.05)	0.02	0.853
Depression – feel hopeless	-0.07	(-0.11,-0.03)	0.02	4.17e-04***	0.01	(-0.04,0.06)	0.02	0.679
Depression – loss of interest	-0.05	(-0.09,-0.01)	0.02	0.009*	0.01	(-0.03,0.05)	0.02	0.653
Anxiety symptoms composite	-0.10	(-0.14,-0.06)	0.02	2.63e-06***	-0.03	(-0.08,0.01)	0.02	0.159
Anxiety – feel on edge	-0.10	(-0.15,-0.06)	0.02	1.38e-06***	-0.05	(-0.10,-0.01)	0.02	0.027*
Anxiety – cannot stop worrying	-0.08	(-0.12,-0.04)	0.02	8.84e-05***	-0.01	(-0.06,0.03)	0.02	0.615
Suffering	-0.08	(-0.12,-0.04)	0.02	5.05e-05***	-0.02	(-0.06,0.03)	0.02	0.481
<i>Social Well-Being</i>								
Social support	0.06	(0.02,0.10)	0.02	0.006*	0.00	(-0.04,0.04)	0.02	0.990
Intimate/close friend	0.01	(-0.03,0.05)	0.02	0.525	0.01	(-0.03,0.05)	0.02	0.587
Government approval	-0.00	(-0.05,0.04)	0.02	0.925	-0.02	(-0.06,0.03)	0.02	0.516
Say in government	0.03	(-0.02,0.07)	0.02	0.238	0.02	(-0.02,0.07)	0.02	0.301
Belonging in country	0.11	(0.06,0.15)	0.02	2.88e-06***	0.04	(-0.00,0.09)	0.02	0.054
City/place satisfaction	0.04	(-0.01,0.08)	0.02	0.086	0.03	(-0.02,0.07)	0.02	0.251
Trust within country	-0.01	(-0.05,0.03)	0.02	0.489	-0.01	(-0.05,0.03)	0.02	0.748
<i>Social Participation</i>								
Ever been married	-0.02	(-0.18,0.14)	0.08	0.812	0.01	(-0.16,0.17)	0.08	0.922
Currently divorced	0.02	(-0.03,0.06)	0.02	0.459	0.03	(-0.01,0.07)	0.02	0.138
Number of children	-0.05	(-0.09,0.00)	0.02	0.054	-0.05	(-0.09,-0.00)	0.02	0.041*
Weekly+ community participation	0.01	(-0.02,0.04)	0.02	0.568	0.02	(-0.01,0.06)	0.02	0.179
Weekly+ religious attendance	0.04	(-0.00,0.08)	0.02	0.079	0.03	(-0.02,0.07)	0.02	0.200
<i>Social Distress</i>								
Loneliness	-0.09	(-0.13,-0.05)	0.02	8.69e-06***	-0.03	(-0.07,0.02)	0.02	0.235
Perceived discrimination	-0.05	(-0.09,-0.01)	0.02	0.014*	-0.02	(-0.06,0.02)	0.02	0.257
<i>Character & Prosocial Behavior</i>								
Hope	0.10	(0.06,0.15)	0.02	2.9e-05***	0.05	(-0.00,0.11)	0.03	0.061
Gratitude	0.12	(0.08,0.15)	0.02	6.23e-09***	0.06	(0.01,0.10)	0.02	0.009*
Showing love/care	0.07	(0.03,0.11)	0.02	3.66e-04***	-0.00	(-0.04,0.04)	0.02	0.950
Forgivingness	0.06	(0.01,0.11)	0.03	0.022*	0.04	(-0.01,0.09)	0.03	0.109
Charitable giving	-0.02	(-0.06,0.01)	0.02	0.198	-0.02	(-0.05,0.02)	0.02	0.401
Helping strangers	0.03	(-0.01,0.07)	0.02	0.193	0.03	(-0.01,0.08)	0.02	0.108
Volunteering	0.01	(-0.03,0.05)	0.02	0.700	0.01	(-0.03,0.05)	0.02	0.683
<i>Physical Health & Health Behavior</i>								
Health problems	-0.05	(-0.10,-0.01)	0.02	0.015*	-0.03	(-0.08,0.01)	0.02	0.152
Pain in past 4 weeks	-0.06	(-0.09,-0.02)	0.02	2.62e-03**	0.01	(-0.03,0.05)	0.02	0.688
Daily smoker	-0.02	(-0.06,0.02)	0.02	0.403	-0.00	(-0.04,0.04)	0.02	0.868
Number of drinks per week	-0.00	(-0.04,0.04)	0.02	0.971	0.01	(-0.04,0.05)	0.02	0.753
Days exercise per week	0.01	(-0.02,0.05)	0.02	0.483	-0.00	(-0.04,0.03)	0.02	0.907
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.02	(-0.00,0.04)	0.01	0.132	0.02	(-0.01,0.04)	0.01	0.180
Currently employed	0.01	(-0.02,0.05)	0.02	0.482	0.00	(-0.03,0.04)	0.02	0.866
Financially comfortable/getting by	0.12	(0.08,0.16)	0.02	8.64e-08***	0.08	(0.04,0.13)	0.02	2.17e-04***
Own home	0.03	(-0.01,0.07)	0.02	0.102	0.02	(-0.02,0.06)	0.02	0.257
Income – top quintile	0.03	(-0.01,0.07)	0.02	0.160	0.01	(-0.03,0.06)	0.02	0.516
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.04	(0.01,0.08)	0.02	0.025*	0.02	(-0.02,0.06)	0.02	0.286
Belief in life after death	0.01	(-0.03,0.05)	0.02	0.595	-0.00	(-0.04,0.04)	0.02	0.937
Transformative religious experience	0.01	(-0.03,0.05)	0.02	0.625	0.01	(-0.03,0.06)	0.02	0.576
Religious reading or listening	0.00	(-0.04,0.04)	0.02	0.956	-0.01	(-0.05,0.03)	0.02	0.693
Prayer or meditation	0.01	(-0.03,0.04)	0.02	0.747	-0.00	(-0.04,0.03)	0.02	0.876
Belief in God/gods/spiritual forces	0.01	(-0.03,0.04)	0.02	0.704	0.00	(-0.03,0.04)	0.02	0.897
Religious centrality	0.02	(-0.02,0.06)	0.02	0.430	0.00	(-0.04,0.04)	0.02	0.852
Religious/spiritual comfort	0.06	(0.01,0.10)	0.02	0.011*	0.04	(0.00,0.08)	0.02	0.048*
Feel loved by God	-0.01	(-0.05,0.03)	0.02	0.595	-0.03	(-0.07,0.00)	0.02	0.084
Feel punished by God	-0.03	(-0.07,0.01)	0.02	0.174	-0.01	(-0.05,0.03)	0.02	0.701
Experienced religious criticism	-0.01	(-0.05,0.03)	0.02	0.582	-0.01	(-0.05,0.03)	0.02	0.635
Faith-sharing	0.04	(-0.00,0.09)	0.02	0.051	0.05	(0.01,0.09)	0.02	0.020*

Notes. N=6827; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S22h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Nigeria using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.19	(0.12,0.25)	0.03	8.74e-09***	0.16	(0.09,0.23)	0.04	5.06e-06***
Flourishing index	0.18	(0.12,0.24)	0.03	1.8e-08***	0.15	(0.08,0.21)	0.03	2.89e-05***
Happiness & life satisfaction	0.15	(0.09,0.20)	0.03	4.51e-07***	0.10	(0.05,0.16)	0.03	3.3e-04***
Physical & mental health	0.17	(0.11,0.23)	0.03	1.58e-07***	0.13	(0.06,0.20)	0.04	2.49e-04***
Meaning & purpose	0.12	(0.06,0.18)	0.03	4.11e-05***	0.06	(-0.01,0.13)	0.03	0.072
Character & virtue	0.13	(0.07,0.18)	0.03	6.38e-06***	0.08	(0.02,0.15)	0.03	0.009*
Close social relationships	0.08	(0.03,0.14)	0.03	3.89e-03**	0.02	(-0.03,0.08)	0.03	0.376
Financial & material security	0.10	(0.04,0.16)	0.03	1.43e-03**	0.05	(-0.01,0.11)	0.03	0.086
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.13	(0.07,0.19)	0.03	9.3e-06***	0.09	(0.03,0.15)	0.03	3.99e-03**
Happiness (a)	0.12	(0.06,0.18)	0.03	1.24e-04***	0.07	(0.00,0.13)	0.03	0.043*
Self-rated physical health (b)	0.18	(0.11,0.24)	0.03	6.09e-08***	0.14	(0.06,0.21)	0.04	2.01e-04***
Self-rated mental health (b)	0.11	(0.05,0.17)	0.03	1.36e-04***	0.07	(0.01,0.13)	0.03	0.031*
Understanding purpose (c)	0.08	(0.02,0.15)	0.03	0.007*	0.03	(-0.03,0.09)	0.03	0.337
Meaningful activities (c)	0.11	(0.06,0.16)	0.02	5.63e-06***	0.06	(0.00,0.11)	0.03	0.040*
Orientation to promote good (d)	0.09	(0.03,0.14)	0.03	1.21e-03**	0.04	(-0.02,0.10)	0.03	0.196
Delayed gratification (d)	0.13	(0.08,0.19)	0.03	3.47e-06***	0.10	(0.03,0.16)	0.03	2.86e-03**
Relationship contentment (e)	0.06	(-0.00,0.11)	0.03	0.062	-0.00	(-0.06,0.06)	0.03	0.950
Relationship satisfaction (e)	0.09	(0.03,0.15)	0.03	1.6e-03**	0.04	(-0.01,0.09)	0.03	0.157
Financial security (f)	0.10	(0.04,0.17)	0.03	9.79e-04**	0.05	(-0.01,0.11)	0.03	0.108
Material security (f)	0.07	(0.02,0.13)	0.03	0.011*	0.02	(-0.04,0.08)	0.03	0.524
<i>Psychological Well-Being</i>								
Current life evaluation	0.06	(0.01,0.11)	0.03	0.028*	0.02	(-0.03,0.08)	0.03	0.402
Future life evaluation	0.10	(0.05,0.15)	0.02	5.62e-05***	0.06	(0.01,0.11)	0.03	0.015*
Optimism	0.08	(0.02,0.14)	0.03	0.008*	0.04	(-0.03,0.11)	0.04	0.276
Freedom to pursue what's important	0.13	(0.06,0.19)	0.03	1.05e-04***	0.08	(0.01,0.15)	0.03	0.018*
Inner peace	0.06	(0.01,0.12)	0.03	0.032*	0.03	(-0.03,0.09)	0.03	0.310
Life balance	0.04	(-0.01,0.09)	0.03	0.138	0.01	(-0.04,0.06)	0.03	0.685
Sense of mastery	0.01	(-0.05,0.06)	0.03	0.813	-0.01	(-0.06,0.04)	0.03	0.667
<i>Psychological Distress</i>								
Traumatic distress	-0.05	(-0.10,0.00)	0.03	0.071	0.01	(-0.05,0.06)	0.03	0.838
Depression symptoms composite	-0.07	(-0.12,-0.01)	0.03	0.021*	-0.00	(-0.06,0.06)	0.03	0.993
Depression – feel hopeless	-0.05	(-0.11,-0.00)	0.03	0.050*	0.02	(-0.04,0.08)	0.03	0.572
Depression – loss of interest	-0.05	(-0.11,0.00)	0.03	0.071	0.00	(-0.06,0.06)	0.03	0.910
Anxiety symptoms composite	-0.08	(-0.14,-0.03)	0.03	4.37e-03**	-0.02	(-0.08,0.05)	0.03	0.595
Anxiety – feel on edge	-0.10	(-0.15,-0.05)	0.03	2.46e-04***	-0.06	(-0.11,0.00)	0.03	0.054
Anxiety – cannot stop worrying	-0.07	(-0.12,-0.02)	0.03	0.010*	-0.00	(-0.06,0.06)	0.03	0.995
Suffering	-0.05	(-0.10,-0.00)	0.03	0.040*	-0.00	(-0.06,0.05)	0.03	0.869
<i>Social Well-Being</i>								
Social support	0.03	(-0.02,0.09)	0.03	0.237	-0.00	(-0.06,0.06)	0.03	0.934
Intimate/close friend	0.03	(-0.02,0.08)	0.02	0.185	0.02	(-0.03,0.06)	0.02	0.411
Government approval	0.00	(-0.05,0.06)	0.03	0.926	-0.01	(-0.06,0.05)	0.03	0.817
Say in government	0.03	(-0.02,0.08)	0.03	0.264	0.04	(-0.02,0.09)	0.03	0.173
Belonging in country	0.10	(0.04,0.16)	0.03	1.08e-03**	0.06	(-0.00,0.12)	0.03	0.063
City/place satisfaction	0.05	(-0.01,0.11)	0.03	0.122	0.03	(-0.03,0.09)	0.03	0.352
Trust within country	-0.02	(-0.07,0.03)	0.03	0.513	-0.01	(-0.07,0.04)	0.03	0.695
<i>Social Participation</i>								
Ever been married	0.03	(-0.14,0.21)	0.09	0.715	0.05	(-0.12,0.23)	0.09	0.564
Currently divorced	0.02	(-0.03,0.07)	0.03	0.476	0.03	(-0.02,0.08)	0.03	0.204
Number of children	-0.01	(-0.06,0.05)	0.03	0.827	-0.00	(-0.06,0.05)	0.03	0.865
Weekly+ community participation	0.02	(-0.03,0.07)	0.03	0.529	0.03	(-0.02,0.08)	0.03	0.255
Weekly+ religious attendance	0.05	(0.00,0.11)	0.03	0.050*	0.04	(-0.02,0.09)	0.03	0.206
<i>Social Distress</i>								
Loneliness	-0.07	(-0.12,-0.02)	0.03	0.007*	-0.02	(-0.07,0.03)	0.03	0.334
Perceived discrimination	-0.05	(-0.10,0.01)	0.03	0.094	-0.02	(-0.08,0.04)	0.03	0.488
<i>Character & Prosocial Behavior</i>								
Hope	0.10	(0.04,0.17)	0.03	2.41e-03**	0.07	(-0.00,0.14)	0.04	0.056
Gratitude	0.09	(0.04,0.13)	0.02	2.3e-04***	0.04	(-0.01,0.10)	0.03	0.147
Showing love/care	0.06	(0.00,0.12)	0.03	0.034*	0.01	(-0.05,0.07)	0.03	0.773
Forgivingness	0.07	(0.02,0.13)	0.03	0.013*	0.06	(-0.00,0.12)	0.03	0.054
Charitable giving	-0.01	(-0.06,0.03)	0.03	0.563	-0.02	(-0.06,0.03)	0.03	0.540
Helping strangers	0.03	(-0.02,0.08)	0.03	0.311	0.03	(-0.03,0.08)	0.03	0.317
Volunteering	0.00	(-0.05,0.05)	0.03	0.955	-0.00	(-0.06,0.05)	0.03	0.860
<i>Physical Health & Health Behavior</i>								
Health problems	-0.05	(-0.11,0.02)	0.03	0.144	-0.03	(-0.09,0.04)	0.03	0.420
Pain in past 4 weeks	-0.04	(-0.09,0.00)	0.02	0.075	0.01	(-0.04,0.07)	0.03	0.648
Daily smoker	-0.01	(-0.07,0.05)	0.03	0.749	-0.00	(-0.06,0.06)	0.03	0.996
Number of drinks per week	-0.01	(-0.07,0.04)	0.03	0.624	-0.01	(-0.07,0.05)	0.03	0.796
Days exercise per week	0.02	(-0.03,0.08)	0.03	0.399	0.02	(-0.04,0.07)	0.03	0.539
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.02	(-0.01,0.05)	0.01	0.165	0.02	(-0.01,0.05)	0.01	0.143
Currently employed	0.01	(-0.05,0.06)	0.03	0.822	-0.01	(-0.06,0.05)	0.03	0.825
Financially comfortable/getting by	0.09	(0.03,0.14)	0.03	1.54e-03**	0.06	(0.00,0.12)	0.03	0.044*
Own home	0.05	(-0.01,0.10)	0.03	0.099	0.04	(-0.02,0.10)	0.03	0.189
Income – top quintile	0.05	(-0.02,0.12)	0.04	0.191	0.04	(-0.03,0.11)	0.03	0.256
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.05	(0.00,0.09)	0.02	0.038*	0.03	(-0.01,0.08)	0.02	0.174
Belief in life after death	0.01	(-0.04,0.06)	0.03	0.651	-0.00	(-0.05,0.04)	0.02	0.856
Transformative religious experience	-0.02	(-0.07,0.04)	0.03	0.537	-0.01	(-0.07,0.04)	0.03	0.614
Religious reading or listening	-0.01	(-0.06,0.05)	0.03	0.824	-0.02	(-0.07,0.04)	0.03	0.543
Prayer or meditation	0.02	(-0.02,0.07)	0.03	0.329	0.01	(-0.03,0.06)	0.03	0.556
Belief in God/gods/spiritual forces	0.01	(-0.04,0.06)	0.03	0.597	0.01	(-0.05,0.06)	0.03	0.805
Religious centrality	-0.01	(-0.07,0.05)	0.03	0.768	-0.02	(-0.08,0.03)	0.03	0.433
Religious/spiritual comfort	0.06	(0.00,0.12)	0.03	0.039*	0.05	(-0.01,0.11)	0.03	0.138
Feel loved by God	-0.00	(-0.06,0.05)	0.03	0.899	-0.03	(-0.09,0.02)	0.03	0.193
Feel punished by God	-0.01	(-0.06,0.05)	0.03	0.798	0.01	(-0.04,0.06)	0.03	0.689
Experienced religious criticism	0.00	(-0.05,0.06)	0.03	0.872	0.01	(-0.05,0.07)	0.03	0.704
Faith-sharing	0.06	(-0.00,0.11)	0.03	0.060	0.07	(0.02,0.13)	0.03	0.013*

Notes. N=3146; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S22i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Nigeria

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	1.60	1.51	1.53	1.42	1.51	1.38	1.47	1.32
Flourishing index	1.55	1.47	1.45	1.35	1.48	1.36	1.42	1.28
Happiness & life satisfaction	1.34	1.29	1.25	1.17	1.31	1.23	1.25	1.16
Physical & mental health	1.42	1.34	1.31	1.21	1.40	1.30	1.34	1.21
Meaning & purpose	1.36	1.30	1.20	1.09	1.32	1.21	1.21	1.00
Character & virtue	1.34	1.28	1.22	1.11	1.33	1.23	1.25	1.11
Close social relationships	1.29	1.23	1.15	1.00	1.23	1.12	1.11	1.00
Financial & material security	1.25	1.20	1.19	1.12	1.21	1.12	1.15	1.00
Individual Flourishing Index Items								
Life satisfaction	1.28	1.23	1.19	1.12	1.26	1.18	1.20	1.11
Happiness	1.29	1.23	1.18	1.09	1.25	1.17	1.18	1.03
Self-rated physical health	1.36	1.29	1.26	1.17	1.36	1.27	1.31	1.20
Self-rated mental health	1.32	1.26	1.22	1.13	1.29	1.19	1.21	1.06
Understanding purpose	1.26	1.19	1.11	1.00	1.23	1.11	1.13	1.00
Meaningful activities	1.29	1.24	1.17	1.08	1.25	1.18	1.17	1.03
Orientation to promote good	1.26	1.19	1.12	1.00	1.24	1.14	1.15	1.00
Delayed gratification	1.32	1.25	1.22	1.12	1.31	1.22	1.25	1.14
Relationship contentment	1.22	1.15	1.05	1.00	1.17	1.00	1.03	1.00
Relationship satisfaction	1.28	1.22	1.16	1.07	1.22	1.13	1.14	1.00
Financial security	1.24	1.19	1.17	1.10	1.21	1.12	1.14	1.00
Material security	1.21	1.15	1.12	1.00	1.17	1.08	1.08	1.00
Psychological Well-Being								
Current life evaluation	1.20	1.13	1.08	1.00	1.16	1.05	1.10	1.00
Future life evaluation	1.26	1.20	1.15	1.00	1.26	1.17	1.20	1.08
Optimism	1.26	1.18	1.12	1.00	1.26	1.12	1.17	1.00
Freedom to pursue what's important	1.30	1.23	1.18	1.06	1.29	1.19	1.22	1.08
Inner peace	1.72	1.45	1.43	1.00	1.57	1.13	1.35	1.00
Life balance	1.43	1.13	1.10	1.00	1.38	1.00	1.17	1.00
Sense of mastery	1.28	1.00	1.19	1.00	1.14	1.00	1.19	1.00
Psychological Distress								
Traumatic distress	1.45	1.22	1.22	1.00	1.40	1.00	1.11	1.00
Depression symptoms composite	1.53	1.30	1.10	1.00	1.51	1.16	1.02	1.00
Depression – feel hopeless	1.56	1.32	1.16	1.00	1.47	1.02	1.23	1.00
Depression – loss of interest	1.45	1.19	1.16	1.00	1.43	1.00	1.09	1.00
Anxiety symptoms composite	1.69	1.47	1.32	1.00	1.61	1.28	1.21	1.00
Anxiety – feel on edge	1.77	1.53	1.47	1.13	1.74	1.43	1.48	1.00
Anxiety – cannot stop worrying	1.62	1.39	1.18	1.00	1.55	1.22	1.02	1.00
Suffering	1.58	1.37	1.20	1.00	1.44	1.07	1.10	1.00
Social Well-Being								
Social support	1.16	1.08	1.01	1.00	1.12	1.00	1.03	1.00
Intimate/close friend	1.27	1.00	1.24	1.00	1.50	1.00	1.35	1.00
Government approval	1.07	1.00	1.20	1.00	1.07	1.00	1.12	1.00
Say in government	1.27	1.00	1.27	1.00	1.31	1.00	1.35	1.00
Belonging in country	1.23	1.17	1.14	1.00	1.21	1.13	1.16	1.00
City/place satisfaction	1.37	1.00	1.29	1.00	1.44	1.00	1.31	1.00
Trust within country	1.19	1.00	1.13	1.00	1.21	1.00	1.16	1.00
Social Participation								
Ever been married	1.24	1.00	1.14	1.00	1.32	1.00	1.44	1.00
Currently divorced	1.58	1.00	1.97	1.00	1.65	1.00	2.01	1.00
Number of children	1.14	1.00	1.15	1.03	1.05	1.00	1.04	1.00
Weekly+ community participation	1.16	1.00	1.27	1.00	1.21	1.00	1.31	1.00
Weekly+ religious attendance	1.46	1.00	1.38	1.00	1.60	1.02	1.46	1.00
Social Distress								
Loneliness	1.20	1.14	1.10	1.00	1.17	1.08	1.10	1.00
Perceived discrimination	1.42	1.16	1.26	1.00	1.42	1.00	1.24	1.00
Character & Prosocial Behavior								
Hope	1.28	1.19	1.18	1.00	1.28	1.15	1.22	1.00
Gratitude	1.28	1.22	1.18	1.08	1.24	1.16	1.15	1.00
Showing love/care	1.22	1.14	1.03	1.00	1.21	1.05	1.07	1.00
Forgivingness	1.73	1.22	1.57	1.00	1.86	1.29	1.72	1.00
Charitable giving	1.26	1.00	1.20	1.00	1.19	1.00	1.20	1.00
Helping strangers	1.34	1.00	1.39	1.00	1.33	1.00	1.33	1.00
Volunteering	1.14	1.00	1.14	1.00	1.06	1.00	1.10	1.00
Physical Health & Health Behavior								
Health problems	1.58	1.21	1.40	1.00	1.52	1.00	1.35	1.00
Pain in past 4 weeks	1.47	1.24	1.15	1.00	1.39	1.00	1.19	1.00
Daily smoker	1.37	1.00	1.14	1.00	1.24	1.00	1.02	1.00
Number of drinks per week	1.01	1.00	1.05	1.00	1.07	1.00	1.05	1.00
Days exercise per week	1.07	1.00	1.03	1.00	1.10	1.00	1.08	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.47	1.00	1.45	1.00	1.53	1.00	1.54	1.00
Currently employed	1.19	1.00	1.09	1.00	1.13	1.00	1.12	1.00
Financially comfortable/getting by	1.81	1.58	1.62	1.37	1.64	1.33	1.49	1.06
Own home	1.31	1.00	1.24	1.00	1.40	1.00	1.35	1.00
Income – top quintile	1.36	1.00	1.22	1.00	1.47	1.00	1.42	1.00
Religion & Spirituality								
Religious/spiritual connection	1.51	1.14	1.31	1.00	1.57	1.10	1.45	1.00
Belief in life after death	1.17	1.00	1.06	1.00	1.18	1.00	1.11	1.00
Transformative religious experience	1.16	1.00	1.18	1.00	1.22	1.00	1.19	1.00
Religious reading or listening	1.05	1.00	1.14	1.00	1.12	1.00	1.21	1.00
Prayer or meditation	1.16	1.00	1.11	1.00	1.39	1.00	1.28	1.00
Belief in God/gods/spiritual forces	1.42	1.00	1.21	1.00	1.58	1.00	1.35	1.00
Religious centrality	1.28	1.00	1.12	1.00	1.19	1.00	1.35	1.00
Religious/spiritual comfort	1.77	1.29	1.62	1.06	1.85	1.13	1.66	1.00
Feel loved by God	1.25	1.00	1.55	1.00	1.13	1.00	1.55	1.00
Feel punished by God	1.32	1.00	1.15	1.00	1.14	1.00	1.17	1.00
Experienced religious criticism	1.17	1.00	1.16	1.00	1.10	1.00	1.16	1.00
Faith-sharing	1.42	1.01	1.48	1.16	1.50	1.00	1.60	1.22

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S23a. Weighted summary statistics for demographic and childhood variables in Philippines

Characteristic	Wave 1 N = 5,292	Wave 2 N = 2,684
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	22 (0.4%)	13 (0.5%)
1943-1953 (current age: 70-79 years)	136 (2.6%)	100 (3.7%)
1953-1963 (current age: 60-69 years)	469 (8.9%)	260 (9.7%)
1963-1973 (current age: 50-59 years)	684 (12.9%)	352 (13.1%)
1973-1983 (current age: 40-49 years)	927 (17.5%)	476 (17.7%)
1983-1993 (current age: 30-39 years)	1,154 (21.8%)	622 (23.2%)
1993-1998 (current age: 25-29 years)	696 (13.1%)	354 (13.2%)
1998-2005 (current age: 18-24 years)	1,205 (22.8%)	507 (18.9%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	38.4	39.9
Standard Deviation	15.3	15.3
Min, Max	18.0, 89.0	19.0, 90.0
<i>Gender, n (%)</i>		
Male	2,600 (49.1%)	1,312 (48.9%)
Female	2,668 (50.4%)	1,359 (50.6%)
Other	13 (0.2%)	7 (0.3%)
(Missing)	11 (0.2%)	6 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,260 (23.8%)	624 (23.2%)
Married	2,320 (43.8%)	1,152 (42.9%)
Separated	240 (4.5%)	136 (5.1%)
Divorced	9 (0.2%)	0 (0.0%)
Widowed	263 (5.0%)	152 (5.7%)
Domestic partner	1,182 (22.3%)	617 (23.0%)
(Missing)	17 (0.3%)	2 (0.1%)
<i>Education (years), n (%)</i>		
Up to 8	1,240 (23.4%)	555 (20.7%)
9-15	3,702 (70.0%)	1,784 (66.5%)
16+	349 (6.6%)	345 (12.8%)
(Missing)	1 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,331 (25.1%)	822 (30.6%)
Self-employed	1,334 (25.2%)	624 (23.3%)
Retired	146 (2.7%)	78 (2.9%)
Student	650 (12.3%)	209 (7.8%)
Homemaker	1,057 (20.0%)	450 (16.8%)
Unemployed and looking for a job	664 (12.6%)	401 (15.0%)
None of these/Other	111 (2.1%)	92 (3.4%)
(Missing)	0 (0%)	7 (0.3%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	842 (15.9%)	394 (14.7%)
Once a week	1,928 (36.4%)	1,045 (38.9%)
One to three times a month	1,368 (25.9%)	659 (24.5%)
A few times a year	930 (17.6%)	451 (16.8%)
Never	218 (4.1%)	129 (4.8%)
(Missing)	6 (0.1%)	6 (0.2%)
<i>Immigration status, n (%)</i>		
Born in this country	5,285 (99.9%)	2,681 (99.9%)

Table S23a. Weighted summary statistics for demographic and childhood variables in
Philippines

Characteristic	Wave 1 N = 5,292	Wave 2 N = 2,684
Born in another country	7 (0.1%)	3 (0.1%)
(Missing)	0 (0%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	4,538 (85.8%)	2,346 (87.4%)
Parents were divorced	64 (1.2%)	26 (1.0%)
Parents were never married	552 (10.4%)	237 (8.8%)
One or both of them had died	50 (0.9%)	29 (1.1%)
Unsure	56 (1.1%)	35 (1.3%)
(Missing)	32 (0.6%)	12 (0.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	2,436 (46.0%)	1,269 (47.3%)
One to three times a month	1,701 (32.1%)	835 (31.1%)
Less than once a month	901 (17.0%)	461 (17.2%)
Never	205 (3.9%)	102 (3.8%)
(Missing)	50 (0.9%)	17 (0.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	3,304 (62.4%)	1,670 (62.2%)
Somewhat good	1,727 (32.6%)	867 (32.3%)
Somewhat bad	129 (2.4%)	69 (2.6%)
Very bad	41 (0.8%)	26 (1.0%)
(Does not apply)	56 (1.1%)	29 (1.1%)
(Missing)	34 (0.6%)	22 (0.8%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	3,415 (64.5%)	1,749 (65.2%)
Somewhat good	1,454 (27.5%)	721 (26.9%)
Somewhat bad	159 (3.0%)	82 (3.1%)
Very bad	60 (1.1%)	35 (1.3%)
(Does not apply)	106 (2.0%)	52 (1.9%)
(Missing)	97 (1.8%)	43 (1.6%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	400 (7.5%)	188 (7.0%)
No	4,880 (92.2%)	2,493 (92.9%)
(Missing)	12 (0.2%)	3 (0.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	428 (8.1%)	222 (8.3%)
No	4,831 (91.3%)	2,460 (91.7%)
(Missing)	34 (0.6%)	2 (0.1%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,039 (19.6%)	483 (18.0%)
Very good	560 (10.6%)	275 (10.3%)
Good	2,178 (41.2%)	1,130 (42.1%)
Fair	1,244 (23.5%)	660 (24.6%)
Poor	271 (5.1%)	135 (5.0%)
(Missing)	0 (<0.0%)	0 (0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	935 (17.7%)	445 (16.6%)
Got by	3,005 (56.8%)	1,511 (56.3%)
Found it difficult	1,055 (19.9%)	558 (20.8%)
Found it very difficult	294 (5.6%)	168 (6.3%)
(Missing)	2 (0.0%)	1 (0.0%)

Table S23a. Weighted summary statistics for demographic and childhood variables in Philippines

Characteristic	Wave 1 N = 5,292	Wave 2 N = 2,684
<i>Religious affiliation growing up, n (%)</i>		
Christianity	4,972 (93.9%)	2,496 (93.0%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	13 (0.2%)	4 (0.2%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	273 (5.2%)	166 (6.2%)
Hinduism	0 (0%)	0 (0%)
Buddhism	1 (0.0%)	1 (0.0%)
Judaism	0 (0%)	0 (0%)
Sikhism	4 (0.1%)	5 (0.2%)
Baha'i	1 (0.0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	8 (0.2%)	6 (0.2%)
No religion/Atheist/Agnostic	9 (0.2%)	1 (0.0%)
(Missing)	11 (0.2%)	4 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S23b. Weighted summary statistics for exposure and outcome variables in Philippines

Outcome	Wave 1 N = 5,292	Wave 2 N = 2,684
<i>Secure flourishing index</i>		
Mean	7.7	7.6
Standard Deviation	1.4	1.4
Min, Max	0.6, 10.0	0.8, 10.0
(Missing)	53 (1.0%)	26 (1.0%)
<i>Flourishing index</i>		
Mean	8.1	8.0
Standard Deviation	1.4	1.4
Min, Max	0.5, 10.0	1.0, 10.0
(Missing)	43 (0.8%)	25 (0.9%)
<i>Happiness & life satisfaction</i>		
Mean	7.4	7.4
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.1%)	14 (0.5%)
<i>Physical & mental health</i>		
Mean	7.9	7.7
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	9 (0.3%)
<i>Meaning & purpose</i>		
Mean	8.2	8.1
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	11 (0.4%)
<i>Character & virtue</i>		
Mean	8.5	8.4
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.2%)	11 (0.4%)
<i>Close social relationships</i>		
Mean	8.6	8.5
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.4%)	7 (0.3%)
<i>Financial & material security</i>		
Mean	5.7	5.7
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	7 (0.2%)
<i>Life satisfaction</i>		
Mean	7.5	7.5
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (<0.1%)	7 (0.2%)
<i>Happiness</i>		
Mean	7.3	7.3
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	7 (0.3%)

Table S23b. Weighted summary statistics for exposure and outcome variables in Philippines

Outcome	Wave 1 N = 5,292	Wave 2 N = 2,684
<i>Self-rated physical health</i>		
Mean	7.7	7.6
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (<0.1%)	4 (0.2%)
<i>Self-rated mental health</i>		
Mean	8.0	7.9
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.1%)	5 (0.2%)
<i>Understanding purpose</i>		
Mean	8.4	8.3
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.1%)	4 (0.2%)
<i>Meaningful activities</i>		
Mean	8.0	8.0
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	7 (0.3%)
<i>Orientation to promote good</i>		
Mean	8.5	8.5
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	5 (0.2%)
<i>Delayed gratification</i>		
Mean	8.4	8.3
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	6 (0.2%)
<i>Relationship contentment</i>		
Mean	8.7	8.6
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.1%)	5 (0.2%)
<i>Relationship satisfaction</i>		
Mean	8.5	8.4
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.3%)	6 (0.2%)
<i>Financial security</i>		
Mean	5.3	5.4
Standard Deviation	3.3	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	0 (<0.1%)
<i>Material security</i>		
Mean	6.0	6.0
Standard Deviation	3.3	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.2%)	6 (0.2%)

Table S23b. Weighted summary statistics for exposure and outcome variables in Philippines

Outcome	Wave 1 N = 5,292	Wave 2 N = 2,684
<i>Current life evaluation</i>		
Mean	6.4	6.8
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (<0.1%)	4 (0.2%)
<i>Future life evaluation</i>		
Mean	7.6	7.6
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.2%)	8 (0.3%)
<i>Optimism</i>		
Mean	8.8	8.7
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.2%)	4 (0.2%)
<i>Freedom to pursue what's important</i>		
Mean	8.6	8.6
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.1%)	5 (0.2%)
<i>Inner peace, n (%)</i>		
Always	1,176 (22.2%)	622 (23.2%)
Often	1,486 (28.1%)	840 (31.3%)
Rarely	2,156 (40.7%)	1,028 (38.3%)
Never	471 (8.9%)	190 (7.1%)
(Missing)	3 (0.1%)	3 (0.1%)
<i>Life balance, n (%)</i>		
Always	1,047 (19.8%)	548 (20.4%)
Often	1,617 (30.6%)	803 (29.9%)
Rarely	2,182 (41.2%)	1,179 (43.9%)
Never	446 (8.4%)	152 (5.7%)
(Missing)	0 (<0.0%)	1 (0.0%)
<i>Sense of mastery, n (%)</i>		
Always	1,634 (30.9%)	870 (32.4%)
Often	1,667 (31.5%)	846 (31.5%)
Rarely	1,752 (33.1%)	860 (32.1%)
Never	236 (4.5%)	104 (3.9%)
(Missing)	2 (0.0%)	3 (0.1%)
<i>Traumatic distress, n (%)</i>		
A lot	781 (14.8%)	365 (13.6%)
Some	1,674 (31.6%)	887 (33.1%)
Not very much	1,966 (37.2%)	975 (36.3%)
Not at all	866 (16.4%)	455 (17.0%)
(Missing)	4 (0.1%)	1 (0.0%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	2,697 (51.1%)	1,273 (47.6%)
	15 (0.3%)	8 (0.3%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	591 (11.2%)	319 (11.9%)
More than half the days	1,314 (24.8%)	566 (21.1%)
Several days	1,428 (27.0%)	765 (28.5%)

Table S23b. Weighted summary statistics for exposure and outcome variables in Philippines

Outcome	Wave 1 N = 5,292	Wave 2 N = 2,684
Not at all	1,949 (36.8%)	1,029 (38.3%)
(Missing)	9 (0.2%)	4 (0.2%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	1,036 (19.6%)	534 (19.9%)
More than half the days	1,580 (29.9%)	760 (28.3%)
Several days	1,436 (27.1%)	781 (29.1%)
Not at all	1,233 (23.3%)	604 (22.5%)
(Missing)	7 (0.1%)	6 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	2,568 (48.7%)	1,265 (47.2%)
(Missing)	20 (0.4%)	2 (<0.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	633 (12.0%)	333 (12.4%)
More than half the days	1,249 (23.6%)	558 (20.8%)
Several days	1,333 (25.2%)	704 (26.2%)
Not at all	2,067 (39.1%)	1,089 (40.6%)
(Missing)	10 (0.2%)	0 (0%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	1,334 (25.2%)	717 (26.7%)
More than half the days	1,177 (22.2%)	509 (19.0%)
Several days	1,344 (25.4%)	686 (25.6%)
Not at all	1,423 (26.9%)	770 (28.7%)
(Missing)	13 (0.3%)	2 (0.1%)
<i>Suffering, n (%)</i>		
A lot	700 (13.2%)	427 (15.9%)
Some	2,433 (46.0%)	1,185 (44.2%)
Not very much	1,893 (35.8%)	948 (35.3%)
Not at all	256 (4.8%)	123 (4.6%)
(Missing)	9 (0.2%)	1 (0.0%)
<i>Social support</i>		
Mean	8.1	7.8
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.1%)	2 (<0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	4,756 (89.9%)	2,330 (86.8%)
No	528 (10.0%)	343 (12.8%)
(Missing)	8 (0.1%)	11 (0.4%)
<i>Government approval, n (%)</i>		
Strongly approve	1,554 (29.4%)	668 (24.9%)
Somewhat approve	2,136 (40.4%)	1,058 (39.4%)
Neither approve nor disapprove	762 (14.4%)	423 (15.8%)
Somewhat disapprove	497 (9.4%)	321 (12.0%)
Strongly disapprove	329 (6.2%)	197 (7.4%)
(Missing)	14 (0.3%)	17 (0.6%)
<i>Say in government, n (%)</i>		
Agree	2,418 (45.7%)	1,295 (48.3%)
Disagree	400 (7.6%)	157 (5.8%)
Unsure	2,459 (46.5%)	1,224 (45.6%)
(Missing)	15 (0.3%)	8 (0.3%)
<i>Belonging in country</i>		

Table S23b. Weighted summary statistics for exposure and outcome variables in Philippines

Outcome	Wave 1 N = 5,292	Wave 2 N = 2,684
Mean	8.1	8.0
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.4%)	16 (0.6%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	4,562 (86.2%)	2,123 (79.1%)
Dissatisfied	176 (3.3%)	125 (4.7%)
Unsure	553 (10.5%)	428 (15.9%)
(Missing)	1 (0.0%)	8 (0.3%)
<i>Trust within country, n (%)</i>		
All people	497 (9.4%)	211 (7.9%)
Most people	2,078 (39.3%)	1,094 (40.8%)
Some people	1,914 (36.2%)	937 (34.9%)
Not very many people	686 (13.0%)	384 (14.3%)
None	108 (2.0%)	54 (2.0%)
(Missing)	9 (0.2%)	3 (0.1%)
<i>Number of children</i>		
Mean	1.8	2.1
Standard Deviation	1.6	3.4
Min, Max	0.0, 33.0	0.0, 97.0
(Missing)	0 (0%)	80 (3.0%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	291 (5.5%)	117 (4.3%)
Once a week	701 (13.2%)	341 (12.7%)
One to three times a month	886 (16.7%)	481 (17.9%)
A few times a year	1,486 (28.1%)	748 (27.9%)
Never	1,923 (36.3%)	995 (37.1%)
(Missing)	6 (0.1%)	2 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	842 (15.9%)	394 (14.7%)
Once a week	1,928 (36.4%)	1,045 (38.9%)
One to three times a month	1,368 (25.9%)	659 (24.5%)
A few times a year	930 (17.6%)	451 (16.8%)
Never	218 (4.1%)	129 (4.8%)
(Missing)	6 (0.1%)	6 (0.2%)
<i>Loneliness</i>		
Mean	3.5	3.7
Standard Deviation	3.2	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	7 (0.3%)
<i>Perceived discrimination, n (%)</i>		
Always	513 (9.7%)	286 (10.6%)
Often	877 (16.6%)	403 (15.0%)
Rarely	2,607 (49.3%)	1,360 (50.7%)
Never	1,288 (24.3%)	635 (23.7%)
(Missing)	7 (0.1%)	0 (0.0%)
<i>Hope</i>		
Mean	8.9	8.9
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0

Table S23b. Weighted summary statistics for exposure and outcome variables in Philippines

Outcome	Wave 1 N = 5,292	Wave 2 N = 2,684
(Missing)	8 (0.1%)	1 (<0.1%)
<i>Gratitude</i>		
Mean	8.6	8.6
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	12 (0.5%)
<i>Showing love/care</i>		
Mean	9.0	9.0
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.1%)	8 (0.3%)
<i>Forgivingness, n (%)</i>		
Always	2,524 (47.7%)	1,345 (50.1%)
Often	1,405 (26.6%)	728 (27.1%)
Rarely	1,134 (21.4%)	538 (20.0%)
Never	227 (4.3%)	73 (2.7%)
(Missing)	2 (0.0%)	0 (0.0%)
<i>Charitable giving, n (%)</i>		
Yes	720 (13.6%)	778 (29.0%)
No	4,568 (86.3%)	1,894 (70.6%)
(Missing)	4 (0.1%)	12 (0.4%)
<i>Helping strangers, n (%)</i>		
Yes	3,340 (63.1%)	1,905 (71.0%)
No	1,929 (36.5%)	768 (28.6%)
(Missing)	23 (0.4%)	11 (0.4%)
<i>Volunteering, n (%)</i>		
Yes	1,330 (25.1%)	810 (30.2%)
No	3,960 (74.8%)	1,865 (69.5%)
(Missing)	2 (0.0%)	9 (0.3%)
<i>Health problems, n (%)</i>		
Yes	1,797 (34.0%)	950 (35.4%)
No	3,478 (65.7%)	1,729 (64.4%)
(Missing)	17 (0.3%)	5 (0.2%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	582 (11.0%)	367 (13.7%)
Some	1,699 (32.1%)	904 (33.7%)
Not very much	2,251 (42.5%)	1,050 (39.1%)
None at all	756 (14.3%)	361 (13.5%)
(Missing)	4 (0.1%)	1 (0.0%)
<i>Number of drinks per week</i>		
Mean	1.0	0.7
Standard Deviation	4.1	3.1
Min, Max	0.0, 97.0	0.0, 90.0
(Missing)	100 (1.9%)	18 (0.7%)
<i>Days exercise per week</i>		
Mean	3.8	4.0
Standard Deviation	2.8	2.8
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	8 (0.1%)	1 (<0.1%)
<i>Educational attainment (16+ years), n (%)</i>		

Table S23b. Weighted summary statistics for exposure and outcome variables in Philippines

Outcome	Wave 1 N = 5,292	Wave 2 N = 2,684
Up to 8	1,240 (23.4%)	555 (20.7%)
9-15	3,702 (70.0%)	1,784 (66.5%)
16+	349 (6.6%)	345 (12.8%)
(Missing)	1 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,331 (25.1%)	822 (30.6%)
Self-employed	1,334 (25.2%)	624 (23.3%)
Retired	146 (2.7%)	78 (2.9%)
Student	650 (12.3%)	209 (7.8%)
Homemaker	1,057 (20.0%)	450 (16.8%)
Unemployed and looking for a job	664 (12.6%)	401 (15.0%)
None of these/Other	111 (2.1%)	92 (3.4%)
(Missing)	0 (0%)	7 (0.3%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	422 (8.0%)	225 (8.4%)
Getting by on present income	2,149 (40.6%)	1,143 (42.6%)
Finding it difficult on present income	1,956 (37.0%)	955 (35.6%)
Finding it very difficult on present income	748 (14.1%)	358 (13.3%)
(Missing)	18 (0.3%)	4 (0.1%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	2,830 (53.5%)	1,651 (61.5%)
Someone in this household rents this home	700 (13.2%)	373 (13.9%)
Both	419 (7.9%)	121 (4.5%)
Neither	1,332 (25.2%)	526 (19.6%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	10 (0.2%)	13 (0.5%)
<i>Religious/spiritual connection, n (%)</i>		
Always	2,083 (39.4%)	1,120 (41.7%)
Often	1,291 (24.4%)	647 (24.1%)
Rarely	1,561 (29.5%)	740 (27.6%)
Never	355 (6.7%)	178 (6.6%)
(Missing)	1 (0.0%)	0 (0%)
<i>Belief in life after death, n (%)</i>		
Yes	2,819 (53.3%)	1,418 (52.8%)
No	446 (8.4%)	154 (5.7%)
Unsure	2,014 (38.1%)	1,103 (41.1%)
(Missing)	13 (0.3%)	10 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	3,265 (61.7%)	1,643 (61.2%)
No	2,017 (38.1%)	1,032 (38.4%)
(Missing)	10 (0.2%)	9 (0.3%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	580 (11.0%)	288 (10.7%)
About once a day	767 (14.5%)	408 (15.2%)
Sometimes	3,592 (67.9%)	1,845 (68.7%)
Never	336 (6.3%)	134 (5.0%)
(Missing)	18 (0.3%)	9 (0.3%)
<i>Prayer or meditation, n (%)</i>		

Table S23b. Weighted summary statistics for exposure and outcome variables in Philippines

Outcome	Wave 1 N = 5,292	Wave 2 N = 2,684
More than once a day	1,946 (36.8%)	979 (36.5%)
About once a day	1,774 (33.5%)	937 (34.9%)
Sometimes	1,453 (27.5%)	704 (26.2%)
Never	95 (1.8%)	59 (2.2%)
(Missing)	24 (0.5%)	4 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	4,529 (85.6%)	2,270 (84.6%)
More than one god	276 (5.2%)	146 (5.4%)
An impersonal spiritual force	85 (1.6%)	45 (1.7%)
None of these	77 (1.5%)	17 (0.6%)
Unsure	318 (6.0%)	200 (7.5%)
(Missing)	7 (0.1%)	6 (0.2%)
<i>Religious centrality, n (%)</i>		
Agree	3,892 (73.5%)	2,013 (75.0%)
Disagree	290 (5.5%)	94 (3.5%)
Not relevant	186 (3.5%)	75 (2.8%)
Unsure	916 (17.3%)	495 (18.4%)
(Missing)	8 (0.2%)	7 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	4,212 (79.6%)	2,165 (80.7%)
Disagree	273 (5.2%)	103 (3.8%)
Not relevant	188 (3.6%)	58 (2.2%)
Unsure	614 (11.6%)	355 (13.2%)
(Missing)	4 (0.1%)	3 (0.1%)
<i>Feel loved by God, n (%)</i>		
Agree	4,780 (90.3%)	2,477 (92.3%)
Disagree	150 (2.8%)	28 (1.0%)
Not relevant	86 (1.6%)	31 (1.2%)
Unsure	270 (5.1%)	139 (5.2%)
(Missing)	6 (0.1%)	9 (0.3%)
<i>Feel punished by God, n (%)</i>		
Agree	2,378 (44.9%)	1,254 (46.7%)
Disagree	1,290 (24.4%)	611 (22.8%)
Not relevant	355 (6.7%)	124 (4.6%)
Unsure	1,258 (23.8%)	692 (25.8%)
(Missing)	12 (0.2%)	4 (0.1%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,802 (34.1%)	1,006 (37.5%)
Disagree	1,353 (25.6%)	523 (19.5%)
Not relevant	475 (9.0%)	182 (6.8%)
Unsure	1,652 (31.2%)	970 (36.2%)
(Missing)	10 (0.2%)	4 (0.1%)
<i>Faith-sharing, n (%)</i>		
Agree	2,944 (55.6%)	1,476 (55.0%)
Disagree	781 (14.8%)	331 (12.3%)
Not relevant	430 (8.1%)	214 (8.0%)
Unsure	1,132 (21.4%)	657 (24.5%)
(Missing)	5 (0.1%)	5 (0.2%)

Table S23b. Weighted summary statistics for exposure and outcome variables in Philippines

	Wave 1	Wave 2
Outcome	N = 5,292	N = 2,684

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S23c. Unweighted summary statistics for demographic and childhood variables in Philippines by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 2,574	Retained-Observed in Wave 2 N = 2,683
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	9 (0.4%)	13 (0.5%)
1943-1953 (current age: 70-79 years)	59 (2.3%)	76 (2.8%)
1953-1963 (current age: 60-69 years)	233 (9.0%)	233 (8.7%)
1963-1973 (current age: 50-59 years)	301 (11.7%)	380 (14.2%)
1973-1983 (current age: 40-49 years)	442 (17.2%)	479 (17.9%)
1983-1993 (current age: 30-39 years)	532 (20.7%)	616 (23.0%)
1993-1998 (current age: 25-29 years)	363 (14.1%)	326 (12.2%)
1998-2005 (current age: 18-24 years)	635 (24.7%)	559 (20.8%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	37.7	39.2
Standard Deviation	15.3	15.3
Min, Max	18.0, 85.0	18.0, 89.0
<i>Gender, n (%)</i>		
Male	1,281 (49.8%)	1,301 (48.5%)
Female	1,280 (49.7%)	1,371 (51.1%)
Other	8 (0.3%)	5 (0.2%)
(Missing)	5 (0.2%)	6 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	620 (24.1%)	631 (23.5%)
Married	1,108 (43.1%)	1,197 (44.6%)
Separated	105 (4.1%)	135 (5.0%)
Divorced	5 (0.2%)	4 (0.1%)
Widowed	132 (5.1%)	129 (4.8%)
Domestic partner	595 (23.1%)	577 (21.5%)
(Missing)	8 (0.3%)	9 (0.3%)
<i>Education (years), n (%)</i>		
Up to 8	608 (23.6%)	624 (23.3%)
9-15	1,805 (70.1%)	1,872 (69.8%)
16+	161 (6.2%)	186 (6.9%)
(Missing)	0 (0%)	1 (0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	633 (24.6%)	690 (25.7%)
Self-employed	657 (25.5%)	667 (24.8%)
Retired	60 (2.3%)	85 (3.2%)
Student	327 (12.7%)	318 (11.9%)
Homemaker	515 (20.0%)	535 (20.0%)
Unemployed and looking for a job	332 (12.9%)	328 (12.2%)
None of these/Other	51 (2.0%)	59 (2.2%)
(Missing)	0 (0%)	0 (0%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	398 (15.5%)	439 (16.4%)
Once a week	928 (36.0%)	988 (36.8%)
One to three times a month	684 (26.6%)	674 (25.1%)
A few times a year	463 (18.0%)	459 (17.1%)
Never	98 (3.8%)	119 (4.4%)
(Missing)	2 (0.1%)	4 (0.2%)
<i>Immigration status, n (%)</i>		

Table S23c. Unweighted summary statistics for demographic and childhood variables in Philippines by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 2,574	Retained-Observed in Wave 2 N = 2,683
Born in this country	2,569 (99.8%)	2,680 (99.9%)
Born in another country	5 (0.2%)	3 (0.1%)
(Missing)	0 (0%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,150 (83.5%)	2,361 (88.0%)
Parents were divorced	38 (1.5%)	26 (1.0%)
Parents were never married	320 (12.4%)	224 (8.4%)
One or both of them had died	22 (0.9%)	27 (1.0%)
Unsure	24 (0.9%)	32 (1.2%)
(Missing)	19 (0.8%)	12 (0.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,148 (44.6%)	1,274 (47.5%)
One to three times a month	857 (33.3%)	830 (31.0%)
Less than once a month	435 (16.9%)	460 (17.2%)
Never	103 (4.0%)	100 (3.7%)
(Missing)	31 (1.2%)	18 (0.7%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	1,599 (62.1%)	1,684 (62.8%)
Somewhat good	862 (33.5%)	852 (31.8%)
Somewhat bad	59 (2.3%)	70 (2.6%)
Very bad	15 (0.6%)	26 (1.0%)
(Does not apply)	26 (1.0%)	30 (1.1%)
(Missing)	12 (0.5%)	22 (0.8%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,636 (63.6%)	1,758 (65.5%)
Somewhat good	731 (28.4%)	712 (26.5%)
Somewhat bad	77 (3.0%)	81 (3.0%)
Very bad	26 (1.0%)	34 (1.3%)
(Does not apply)	52 (2.0%)	54 (2.0%)
(Missing)	52 (2.0%)	44 (1.6%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	207 (8.0%)	189 (7.0%)
No	2,358 (91.6%)	2,491 (92.9%)
(Missing)	9 (0.4%)	3 (0.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	209 (8.1%)	216 (8.1%)
No	2,335 (90.7%)	2,464 (91.9%)
(Missing)	30 (1.2%)	2 (0.1%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	549 (21.3%)	480 (17.9%)
Very good	279 (10.8%)	277 (10.3%)
Good	1,036 (40.3%)	1,129 (42.1%)
Fair	579 (22.5%)	658 (24.5%)
Poor	130 (5.1%)	139 (5.2%)
(Missing)	0 (0.0%)	0 (0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	490 (19.0%)	436 (16.3%)

Table S23c. Unweighted summary statistics for demographic and childhood variables in Philippines by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 2,574	Retained-Observed in Wave 2 N = 2,683
Got by	1,470 (57.1%)	1,515 (56.5%)
Found it difficult	489 (19.0%)	560 (20.9%)
Found it very difficult	123 (4.8%)	170 (6.3%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	2,445 (95.0%)	2,492 (92.9%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	9 (0.3%)	4 (0.1%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	103 (4.0%)	170 (6.3%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	1 (0.0%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	4 (0.1%)
Baha'i	1 (0.0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	2 (0.1%)	7 (0.2%)
No religion/Atheist/Agnostic	8 (0.3%)	1 (0.1%)
(Missing)	6 (0.2%)	4 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S23d. Unweighted summary statistics for Wave 1 outcome variables in Philippines by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 2,574	Wave 2 N = 2,683
<i>Secure flourishing index</i>		
Mean	7.7	7.7
Standard Deviation	1.4	1.4
Min, Max	0.6, 10.0	1.8, 10.0
(Missing)	24 (0.9%)	28 (1.1%)
<i>Flourishing index</i>		
Mean	8.1	8.1
Standard Deviation	1.5	1.4
Min, Max	0.5, 10.0	2.2, 10.0
(Missing)	18 (0.7%)	25 (0.9%)
<i>Happiness & life satisfaction</i>		
Mean	7.5	7.4
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.1%)	4 (0.2%)
<i>Physical & mental health</i>		
Mean	7.9	7.9
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	3 (0.1%)
<i>Meaning & purpose</i>		
Mean	8.2	8.2
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.1%)	6 (0.2%)
<i>Character & virtue</i>		
Mean	8.5	8.5
Standard Deviation	1.7	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	5 (0.2%)
<i>Close social relationships</i>		
Mean	8.6	8.5
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	14 (0.5%)
<i>Financial & material security</i>		
Mean	5.7	5.6
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.3%)	4 (0.1%)
<i>Life satisfaction</i>		
Mean	7.6	7.4
Standard Deviation	2.4	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	4 (0.2%)
<i>Happiness</i>		
Mean	7.3	7.3
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0

Table S23d. Unweighted summary statistics for Wave 1 outcome variables in Philippines by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 2,574	N = 2,683
(Missing)	2 (<0.1%)	0 (0%)
<i>Self-rated physical health</i>		
Mean	7.7	7.7
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	3 (0.1%)
<i>Self-rated mental health</i>		
Mean	8.0	8.1
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	1 (<0.1%)
<i>Understanding purpose</i>		
Mean	8.5	8.4
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	4 (0.1%)
<i>Meaningful activities</i>		
Mean	8.0	8.0
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	2 (<0.1%)
<i>Orientation to promote good</i>		
Mean	8.5	8.5
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	1 (<0.1%)
<i>Delayed gratification</i>		
Mean	8.4	8.5
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.2%)	5 (0.2%)
<i>Relationship contentment</i>		
Mean	8.7	8.6
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.1%)	5 (0.2%)
<i>Relationship satisfaction</i>		
Mean	8.5	8.4
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.1%)	11 (0.4%)
<i>Financial security</i>		
Mean	5.4	5.3
Standard Deviation	3.3	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	1 (<0.1%)
<i>Material security</i>		
Mean	6.0	5.9
Standard Deviation	3.3	3.3

Table S23d. Unweighted summary statistics for Wave 1 outcome variables in Philippines by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 2,574	Wave 2 N = 2,683
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.3%)	3 (0.1%)
<i>Current life evaluation</i>		
Mean	6.5	6.3
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.1%)	1 (<0.1%)
<i>Future life evaluation</i>		
Mean	7.6	7.5
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	4 (0.2%)
<i>Optimism</i>		
Mean	8.8	8.8
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.3%)	3 (<0.1%)
<i>Freedom to pursue what's important</i>		
Mean	8.6	8.6
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	5 (0.2%)
<i>Inner peace, n (%)</i>		
Always	608 (23.6%)	558 (20.8%)
Often	714 (27.7%)	763 (28.4%)
Rarely	1,055 (41.0%)	1,086 (40.5%)
Never	196 (7.6%)	273 (10.2%)
(Missing)	1 (0.0%)	2 (0.1%)
<i>Life balance, n (%)</i>		
Always	518 (20.1%)	521 (19.4%)
Often	754 (29.3%)	854 (31.8%)
Rarely	1,089 (42.3%)	1,077 (40.1%)
Never	212 (8.2%)	231 (8.6%)
(Missing)	0 (0%)	0 (0.0%)
<i>Sense of mastery, n (%)</i>		
Always	778 (30.2%)	847 (31.6%)
Often	821 (31.9%)	835 (31.1%)
Rarely	867 (33.7%)	873 (32.5%)
Never	108 (4.2%)	127 (4.7%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Traumatic distress, n (%)</i>		
A lot	397 (15.4%)	378 (14.1%)
Some	792 (30.8%)	872 (32.5%)
Not very much	953 (37.0%)	1,000 (37.3%)
Not at all	429 (16.7%)	431 (16.1%)
(Missing)	3 (0.1%)	1 (0.0%)
<i>Depression symptoms composite, n (%)</i>	1,315 (51.3%)	1,364 (50.9%)
(Missing)	10 (0.4%)	5 (0.2%)
<i>Depression – feel hopeless, n (%)</i>		

Table S23d. Unweighted summary statistics for Wave 1 outcome variables in Philippines by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 2,574	N = 2,683
Nearly every day	304 (11.8%)	282 (10.5%)
More than half the days	637 (24.8%)	668 (24.9%)
Several days	674 (26.2%)	746 (27.8%)
Not at all	953 (37.0%)	983 (36.6%)
(Missing)	6 (0.2%)	4 (0.1%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	514 (20.0%)	514 (19.2%)
More than half the days	770 (29.9%)	799 (29.8%)
Several days	687 (26.7%)	740 (27.6%)
Not at all	598 (23.2%)	627 (23.4%)
(Missing)	5 (0.2%)	2 (0.1%)
<i>Anxiety symptoms composite, n (%)</i>	1,248 (48.7%)	1,303 (48.8%)
(Missing)	9 (0.3%)	11 (0.4%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	299 (11.6%)	331 (12.3%)
More than half the days	620 (24.1%)	620 (23.1%)
Several days	616 (24.0%)	710 (26.5%)
Not at all	1,032 (40.1%)	1,019 (38.0%)
(Missing)	7 (0.3%)	3 (0.1%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	618 (24.0%)	708 (26.4%)
More than half the days	576 (22.4%)	593 (22.1%)
Several days	660 (25.6%)	675 (25.2%)
Not at all	717 (27.9%)	695 (25.9%)
(Missing)	3 (0.1%)	11 (0.4%)
<i>Suffering, n (%)</i>		
A lot	335 (13.0%)	361 (13.5%)
Some	1,180 (45.9%)	1,237 (46.1%)
Not very much	924 (35.9%)	957 (35.7%)
Not at all	128 (5.0%)	127 (4.7%)
(Missing)	7 (0.3%)	1 (0.1%)
<i>Social support</i>		
Mean	8.2	8.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	2 (<0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	2,303 (89.5%)	2,422 (90.3%)
No	265 (10.3%)	259 (9.7%)
(Missing)	6 (0.2%)	1 (0.0%)
<i>Government approval, n (%)</i>		
Strongly approve	768 (29.8%)	775 (28.9%)
Somewhat approve	1,014 (39.4%)	1,109 (41.3%)
Neither approve nor disapprove	395 (15.4%)	360 (13.4%)
Somewhat disapprove	237 (9.2%)	257 (9.6%)
Strongly disapprove	153 (6.0%)	174 (6.5%)
(Missing)	7 (0.3%)	7 (0.3%)
<i>Say in government, n (%)</i>		
Agree	1,173 (45.6%)	1,228 (45.8%)

Table S23d. Unweighted summary statistics for Wave 1 outcome variables in Philippines by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 2,574	N = 2,683
Disagree	202 (7.8%)	195 (7.3%)
Unsure	1,189 (46.2%)	1,255 (46.8%)
(Missing)	10 (0.4%)	5 (0.2%)
<i>Belonging in country</i>		
Mean	8.1	8.2
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.6%)	4 (0.1%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	2,214 (86.0%)	2,318 (86.4%)
Dissatisfied	87 (3.4%)	87 (3.2%)
Unsure	273 (10.6%)	277 (10.3%)
(Missing)	0 (0%)	1 (0.0%)
<i>Trust within country, n (%)</i>		
All people	246 (9.6%)	247 (9.2%)
Most people	991 (38.5%)	1,074 (40.0%)
Some people	933 (36.2%)	969 (36.1%)
Not very many people	331 (12.8%)	351 (13.1%)
None	65 (2.5%)	41 (1.5%)
(Missing)	8 (0.3%)	0 (0.0%)
<i>Number of children</i>		
Mean	1.8	1.9
Standard Deviation	1.6	1.6
Min, Max	0.0, 33.0	0.0, 28.0
<i>Weekly+ community participation, n (%)</i>		
More than once a week	145 (5.6%)	144 (5.4%)
Once a week	347 (13.5%)	348 (13.0%)
One to three times a month	443 (17.2%)	436 (16.2%)
A few times a year	712 (27.7%)	764 (28.5%)
Never	924 (35.9%)	987 (36.8%)
(Missing)	2 (0.1%)	4 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	398 (15.5%)	439 (16.4%)
Once a week	928 (36.0%)	988 (36.8%)
One to three times a month	684 (26.6%)	674 (25.1%)
A few times a year	463 (18.0%)	459 (17.1%)
Never	98 (3.8%)	119 (4.4%)
(Missing)	2 (0.1%)	4 (0.2%)
<i>Loneliness</i>		
Mean	3.6	3.5
Standard Deviation	3.2	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	1 (<0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	249 (9.7%)	260 (9.7%)
Often	422 (16.4%)	449 (16.7%)
Rarely	1,255 (48.8%)	1,335 (49.8%)
Never	644 (25.0%)	635 (23.7%)
(Missing)	3 (0.1%)	4 (0.2%)

Table S23d. Unweighted summary statistics for Wave 1 outcome variables in Philippines by retention status.

Outcome	Attritons–NotRetained–Observed in	
	Observed in Wave 2 N = 2,574	Wave 2 N = 2,683
<i>Hope</i>		
Mean	8.8	9.0
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.3%)	1 (<0.1%)
<i>Gratitude</i>		
Mean	8.6	8.7
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.3%)	2 (<0.1%)
<i>Showing love/care</i>		
Mean	9.0	9.1
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	3 (0.1%)
<i>Forgivingness, n (%)</i>		
Always	1,206 (46.9%)	1,302 (48.5%)
Often	695 (27.0%)	700 (26.1%)
Rarely	548 (21.3%)	578 (21.6%)
Never	124 (4.8%)	100 (3.7%)
(Missing)	1 (0.0%)	2 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	336 (13.1%)	379 (14.1%)
No	2,236 (86.9%)	2,300 (85.8%)
(Missing)	1 (0.0%)	3 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	1,637 (63.6%)	1,680 (62.6%)
No	925 (35.9%)	993 (37.0%)
(Missing)	12 (0.5%)	10 (0.4%)
<i>Volunteering, n (%)</i>		
Yes	648 (25.2%)	673 (25.1%)
No	1,926 (74.8%)	2,008 (74.8%)
(Missing)	0 (0.0%)	2 (0.1%)
<i>Health problems, n (%)</i>		
Yes	831 (32.3%)	957 (35.7%)
No	1,729 (67.2%)	1,723 (64.2%)
(Missing)	14 (0.5%)	2 (0.1%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	262 (10.2%)	317 (11.8%)
Some	858 (33.3%)	827 (30.8%)
Not very much	1,096 (42.6%)	1,140 (42.5%)
None at all	355 (13.8%)	397 (14.8%)
(Missing)	2 (0.1%)	2 (0.1%)
<i>Number of drinks per week</i>		
Mean	1.1	0.8
Standard Deviation	4.6	3.6
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	49 (1.9%)	51 (1.9%)
<i>Days exercise per week</i>		

Table S23d. Unweighted summary statistics for Wave 1 outcome variables in Philippines by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 2,574	Wave 2 N = 2,683
Mean	3.8	3.8
Standard Deviation	2.8	2.8
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	5 (0.2%)	3 (0.1%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	608 (23.6%)	624 (23.3%)
9-15	1,805 (70.1%)	1,872 (69.8%)
16+	161 (6.2%)	186 (6.9%)
(Missing)	0 (0%)	1 (0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	633 (24.6%)	690 (25.7%)
Self-employed	657 (25.5%)	667 (24.8%)
Retired	60 (2.3%)	85 (3.2%)
Student	327 (12.7%)	318 (11.9%)
Homemaker	515 (20.0%)	535 (20.0%)
Unemployed and looking for a job	332 (12.9%)	328 (12.2%)
None of these/Other	51 (2.0%)	59 (2.2%)
(Missing)	0 (0%)	0 (0%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	218 (8.5%)	200 (7.4%)
Getting by on present income	1,051 (40.8%)	1,084 (40.4%)
Finding it difficult on present income	913 (35.5%)	1,031 (38.4%)
Finding it very difficult on present income	378 (14.7%)	364 (13.6%)
(Missing)	14 (0.5%)	4 (0.1%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,373 (53.4%)	1,438 (53.6%)
Someone in this household rents this home	361 (14.0%)	333 (12.4%)
Both	231 (9.0%)	184 (6.9%)
Neither	601 (23.4%)	725 (27.0%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	8 (0.3%)	3 (0.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	973 (37.8%)	1,098 (40.9%)
Often	629 (24.4%)	653 (24.4%)
Rarely	791 (30.7%)	757 (28.2%)
Never	179 (7.0%)	173 (6.4%)
(Missing)	1 (0.0%)	1 (0.0%)
<i>Belief in life after death, n (%)</i>		
Yes	1,344 (52.2%)	1,458 (54.4%)
No	241 (9.4%)	200 (7.5%)
Unsure	979 (38.0%)	1,022 (38.1%)
(Missing)	11 (0.4%)	2 (0.1%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,581 (61.4%)	1,663 (62.0%)
No	986 (38.3%)	1,017 (37.9%)
(Missing)	7 (0.3%)	2 (0.1%)
<i>Religious reading or listening, n (%)</i>		

Table S23d. Unweighted summary statistics for Wave 1 outcome variables in Philippines by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2	Wave 2
	N = 2,574	N = 2,683
More than once a day	290 (11.3%)	286 (10.7%)
About once a day	333 (12.9%)	431 (16.1%)
Sometimes	1,756 (68.2%)	1,811 (67.5%)
Never	182 (7.1%)	151 (5.6%)
(Missing)	14 (0.5%)	3 (0.1%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	949 (36.9%)	984 (36.7%)
About once a day	855 (33.2%)	907 (33.8%)
Sometimes	699 (27.2%)	744 (27.7%)
Never	55 (2.1%)	39 (1.5%)
(Missing)	15 (0.6%)	8 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	2,191 (85.1%)	2,308 (86.0%)
More than one god	138 (5.4%)	136 (5.1%)
An impersonal spiritual force	39 (1.5%)	45 (1.7%)
None of these	40 (1.6%)	36 (1.3%)
Unsure	159 (6.2%)	156 (5.8%)
(Missing)	5 (0.2%)	2 (0.1%)
<i>Religious centrality, n (%)</i>		
Agree	1,850 (71.9%)	2,019 (75.3%)
Disagree	165 (6.4%)	122 (4.6%)
Not relevant	100 (3.9%)	84 (3.1%)
Unsure	453 (17.6%)	456 (17.0%)
(Missing)	6 (0.2%)	2 (0.1%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	2,035 (79.1%)	2,149 (80.1%)
Disagree	140 (5.4%)	130 (4.9%)
Not relevant	101 (3.9%)	86 (3.2%)
Unsure	294 (11.4%)	317 (11.8%)
(Missing)	4 (0.2%)	0 (0%)
<i>Feel loved by God, n (%)</i>		
Agree	2,303 (89.5%)	2,447 (91.2%)
Disagree	81 (3.2%)	67 (2.5%)
Not relevant	58 (2.3%)	27 (1.0%)
Unsure	128 (5.0%)	140 (5.2%)
(Missing)	3 (0.1%)	3 (0.1%)
<i>Feel punished by God, n (%)</i>		
Agree	1,154 (44.8%)	1,208 (45.0%)
Disagree	633 (24.6%)	648 (24.1%)
Not relevant	184 (7.2%)	167 (6.2%)
Unsure	596 (23.2%)	654 (24.4%)
(Missing)	6 (0.2%)	5 (0.2%)
<i>Experienced religious criticism, n (%)</i>		
Agree	910 (35.4%)	878 (32.7%)
Disagree	639 (24.8%)	706 (26.3%)
Not relevant	229 (8.9%)	242 (9.0%)
Unsure	786 (30.5%)	857 (31.9%)
(Missing)	9 (0.4%)	0 (0%)
<i>Faith-sharing, n (%)</i>		

Table S23d. Unweighted summary statistics for Wave 1 outcome variables in Philippines by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 2,574	Wave 2
Agree	1,411 (54.8%)	1,514 (56.5%)
Disagree	372 (14.4%)	405 (15.1%)
Not relevant	217 (8.4%)	210 (7.8%)
Unsure	570 (22.1%)	553 (20.6%)
(Missing)	4 (0.2%)	1 (0.0%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S23e. Summary of fitted attrition model in Philippines

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	1.00	0.89, 1.12	0.986
Recruitment Survey Mode			
<i>CAPI</i>	—	—	
<i>CATI</i>	0.79	0.64, 0.98	0.033
Happiness & life satisfaction	0.96	0.88, 1.05	0.385
Physical & mental health	1.02	0.94, 1.11	0.620
Meaning & purpose	0.96	0.87, 1.05	0.337
Character & virtue	1.03	0.95, 1.12	0.500
Close social relationships	1.00	0.92, 1.09	0.984
Financial & material security	0.93	0.86, 1.00	0.053
Extraversion	1.03	0.96, 1.11	0.389
Openness to experience	1.04	0.98, 1.11	0.179
Agreeableness	1.05	0.97, 1.13	0.212
Conscientiousness	1.04	0.96, 1.12	0.311
Neuroticism	0.94	0.87, 1.01	0.095
Depression symptoms composite	1.01	0.94, 1.09	0.745
Anxiety symptoms composite	1.00	0.93, 1.08	0.972
Loneliness	0.96	0.89, 1.04	0.302
Days exercise per week	1.01	0.94, 1.08	0.763
Year of birth (age group)			
<i>1983-1993 (current age: 30-39 years)</i>	—	—	
<i>1973-1983 (current age: 40-49 years)</i>	0.94	0.77, 1.13	0.487
<i>1998-2005 (current age: 18-24 years)</i>	0.64	0.47, 0.88	0.005
<i>1963-1973 (current age: 50-59 years)</i>	1.10	0.89, 1.37	0.363
<i>1993-1998 (current age: 25-29 years)</i>	0.73	0.57, 0.94	0.017
<i>1953-1963 (current age: 60-69 years)</i>	0.90	0.66, 1.22	0.488
<i>1943-1953 (current age: 70-79 years)</i>	1.13	0.69, 1.86	0.634
<i>1943 or earlier (current age: 80+ years)</i>	1.22	0.45, 3.34	0.692
Gender of respondent			
<i>Female</i>	—	—	
<i>Male</i>	0.89	0.75, 1.07	0.228
<i>Other</i>	0.69	0.21, 2.24	0.532
Marital status			
<i>Married</i>	—	—	
<i>Domestic partner</i>	1.01	0.84, 1.22	0.911
<i>Single/Never been married</i>	1.19	0.95, 1.50	0.137
<i>Widowed</i>	0.86	0.64, 1.16	0.322
<i>Separated</i>	1.27	0.94, 1.71	0.113
<i>Divorced</i>	0.75	0.22, 2.52	0.641
Employment status			
<i>Homemaker</i>	—	—	
<i>Self-employed</i>	0.99	0.82, 1.20	0.895
<i>Employed for an employer</i>	1.11	0.90, 1.36	0.341
<i>Unemployed and looking for a job</i>	1.08	0.84, 1.40	0.553
<i>Student</i>	1.22	0.86, 1.73	0.260
<i>Retired</i>	1.55	0.93, 2.60	0.095
<i>None of these/Other</i>	1.10	0.68, 1.76	0.705
Religious attendance			
<i>Once a week</i>	—	—	
<i>One to three times a month</i>	0.95	0.80, 1.13	0.543
<i>A few times a year</i>	0.92	0.76, 1.12	0.408
<i>More than once a week</i>	1.07	0.88, 1.30	0.515

Table S23e. Summary of fitted attrition model in Philippines

Characteristic	Odds Ratio	95% CI	p-value
<i>Never</i>	1.26	0.88, 1.80	0.209
Educational attainment (16+ years)			
<i>9-15</i>	—	—	
<i>Up to 8</i>	0.97	0.81, 1.17	0.776
<i>16+</i>	1.00	0.78, 1.29	0.987
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.52	0.11, 2.38	0.399
Race plurality (prominent race/ethnic group [0] or not [1])	1.03	0.96, 1.10	0.409
Urbanicity			
<i>A rural area or on a farm</i>	—	—	
<i>A large city</i>	0.90	0.75, 1.07	0.225
<i>A small town or village</i>	1.28	1.08, 1.52	0.004
<i>A suburb of a large city</i>	0.83	0.67, 1.04	0.103
Monthly household income			
<i>Philippines: 4,001 – 6,000 pesos</i>	—	—	
<i>Philippines: 1,501 – 3,000 pesos</i>	1.03	0.80, 1.32	0.818
<i>Philippines: 8,001 – 10,000 pesos</i>	1.12	0.86, 1.45	0.400
<i>Philippines: 10,001 – 15,000 pesos</i>	0.96	0.74, 1.26	0.776
<i>Philippines: 6,001 – 8,000 pesos</i>	1.24	0.94, 1.63	0.123
<i>Philippines: 3,001 – 4,000 pesos</i>	1.04	0.78, 1.40	0.768
<i>Philippines: 701 – 1,500 pesos</i>	0.88	0.65, 1.19	0.406
<i>Philippines: 700 pesos or less</i>	0.73	0.53, 1.01	0.057
<i>Philippines: 15,001 – 20,000 pesos</i>	1.42	1.00, 2.01	0.049
<i>(None/No household income)</i>	1.14	0.78, 1.67	0.487
<i>Philippines: 20,001 – 25,000 pesos</i>	1.44	0.93, 2.23	0.101
<i>Philippines: 25,001 – 30,000 pesos</i>	1.42	0.82, 2.44	0.207
<i>Philippines: 50,001 – 90,000 pesos</i>	1.95	0.92, 4.12	0.081
<i>Philippines: 30,001 – 40,000 pesos</i>	1.14	0.56, 2.36	0.713
<i>Philippines: 40,001 – 50,000 pesos</i>	1.12	0.50, 2.49	0.782
<i>Philippines: More than 90,000 pesos</i>	1.19	0.49, 2.85	0.702

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=5292; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S23f. Summary of principal components in Philippines

PC	Percent Explained by each PC	Cumulative Percent Explained
1	33.19	33.19
2	3.44	36.62
3	3.05	39.67
4	1.99	41.66
5	1.93	43.59
6	1.74	45.33
7	1.63	46.97
8	1.61	48.58
9	1.51	50.08
10	1.47	51.56
11	1.33	52.89
12	1.27	54.16
13	1.22	55.38
14	1.20	56.58
15	1.17	57.75
16	1.14	58.89
17	1.10	59.99
18	1.09	61.08
19	1.06	62.13
20	1.03	63.16

Notes. N=5292; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S23g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Philippines

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.52	(0.48,0.57)	0.02	2.22e-16***	0.47	(0.42,0.51)	0.02	2.22e-16***
Flourishing index	0.49	(0.45,0.54)	0.02	2.22e-16***	0.39	(0.34,0.44)	0.03	2.22e-16***
Happiness & life satisfaction	0.39	(0.35,0.44)	0.02	2.22e-16***	0.22	(0.17,0.27)	0.03	1.44e-15***
Physical & mental health	0.41	(0.36,0.45)	0.02	2.22e-16***	0.24	(0.19,0.29)	0.02	2.22e-16***
Meaning & purpose	0.37	(0.32,0.41)	0.02	2.22e-16***	0.20	(0.15,0.24)	0.02	3.33e-15***
Character & virtue	0.32	(0.28,0.36)	0.02	2.22e-16***	0.17	(0.12,0.22)	0.02	1.57e-12***
Close social relationships	0.36	(0.31,0.40)	0.02	2.22e-16***	0.19	(0.14,0.24)	0.02	6e-14***
Financial & material security	0.29	(0.25,0.32)	0.02	2.22e-16***	0.16	(0.12,0.20)	0.02	1.55e-15***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.35	(0.30,0.39)	0.02	2.22e-16***	0.16	(0.11,0.20)	0.02	6.44e-10***
Happiness (a)	0.35	(0.30,0.39)	0.02	2.22e-16***	0.16	(0.12,0.21)	0.02	3.13e-11***
Self-rated physical health (b)	0.35	(0.31,0.40)	0.02	2.22e-16***	0.19	(0.15,0.24)	0.02	2.22e-16***
Self-rated mental health (b)	0.35	(0.30,0.39)	0.02	2.22e-16***	0.17	(0.13,0.22)	0.02	2.09e-13***
Understanding purpose (c)	0.29	(0.24,0.33)	0.02	2.22e-16***	0.12	(0.07,0.17)	0.03	2.9e-06***
Meaningful activities (c)	0.32	(0.28,0.36)	0.02	2.22e-16***	0.16	(0.13,0.20)	0.02	1.67e-15***
Orientation to promote good (d)	0.28	(0.24,0.32)	0.02	2.22e-16***	0.14	(0.10,0.18)	0.02	6.98e-11***
Delayed gratification (d)	0.29	(0.25,0.33)	0.02	2.22e-16***	0.14	(0.10,0.19)	0.02	2.44e-09***
Relationship contentment (e)	0.29	(0.25,0.34)	0.02	2.22e-16***	0.12	(0.07,0.17)	0.02	8.89e-07***
Relationship satisfaction (e)	0.35	(0.30,0.39)	0.02	2.22e-16***	0.19	(0.14,0.23)	0.02	3.33e-15***
Financial security (f)	0.25	(0.21,0.29)	0.02	2.22e-16***	0.12	(0.09,0.16)	0.02	1.43e-10***
Material security (f)	0.26	(0.22,0.30)	0.02	2.22e-16***	0.11	(0.07,0.15)	0.02	4.48e-08***
<i>Psychological Well-Being</i>								
Current life evaluation	0.21	(0.17,0.25)	0.02	2.22e-16***	0.08	(0.05,0.12)	0.02	1.06e-05***
Future life evaluation	0.21	(0.17,0.26)	0.02	2.22e-16***	0.07	(0.04,0.11)	0.02	1.67e-04***
Optimism	0.24	(0.20,0.28)	0.02	2.22e-16***	0.11	(0.07,0.15)	0.02	7.94e-08***
Freedom to pursue what's important	0.29	(0.25,0.34)	0.02	2.22e-16***	0.14	(0.09,0.19)	0.02	1.06e-08***
Inner peace	0.07	(0.04,0.11)	0.02	7.23e-05***	0.03	(-0.00,0.07)	0.02	0.080
Life balance	0.09	(0.06,0.12)	0.02	1.18e-07***	0.04	(0.01,0.07)	0.02	0.008*
Sense of mastery	0.14	(0.11,0.18)	0.02	1.33e-14***	0.09	(0.05,0.12)	0.02	5.25e-07***
<i>Psychological Distress</i>								
Traumatic distress	-0.03	(-0.06,0.01)	0.02	0.120	0.03	(-0.00,0.06)	0.02	0.057
Depression symptoms composite	-0.12	(-0.15,-0.08)	0.02	7.22e-11***	-0.03	(-0.06,0.01)	0.02	0.155
Depression – feel hopeless	-0.12	(-0.16,-0.09)	0.02	5.06e-11***	-0.04	(-0.07,-0.00)	0.02	0.031*
Depression – loss of interest	-0.05	(-0.09,-0.02)	0.02	0.005*	0.02	(-0.02,0.05)	0.02	0.358
Anxiety symptoms composite	-0.11	(-0.15,-0.07)	0.02	9.18e-08***	-0.01	(-0.05,0.03)	0.02	0.564
Anxiety – feel on edge	-0.09	(-0.12,-0.05)	0.02	1.21e-05***	0.01	(-0.03,0.05)	0.02	0.618
Anxiety – cannot stop worrying	-0.09	(-0.13,-0.05)	0.02	8.07e-06***	-0.01	(-0.04,0.03)	0.02	0.669
Suffering	-0.10	(-0.13,-0.07)	0.02	1.3e-08***	-0.05	(-0.08,-0.02)	0.02	7.33e-04**
<i>Social Well-Being</i>								
Social support	0.24	(0.20,0.27)	0.02	2.22e-16***	0.08	(0.05,0.12)	0.02	2.3e-05***
Intimate/close friend	-0.00	(-0.04,0.04)	0.02	0.988	-0.04	(-0.08,-0.01)	0.02	0.013*
Government approval	0.07	(0.04,0.11)	0.02	6.79e-05***	0.01	(-0.02,0.05)	0.02	0.437
Say in government	0.10	(0.06,0.13)	0.02	4.04e-08***	0.05	(0.02,0.08)	0.02	2.49e-03**
Belonging in country	0.27	(0.23,0.32)	0.02	2.22e-16***	0.12	(0.08,0.16)	0.02	7.26e-08***
City/place satisfaction	0.13	(0.09,0.17)	0.02	2.92e-09***	0.06	(0.02,0.09)	0.02	2.53e-03**
Trust within country	0.06	(0.03,0.10)	0.02	6.75e-04**	0.03	(-0.01,0.06)	0.02	0.104
<i>Social Participation</i>								
Ever been married	0.17	(0.07,0.28)	0.05	1.44e-03**	0.19	(0.09,0.28)	0.05	1.44e-04***
Currently divorced	0.02	(-0.01,0.05)	0.01	0.118	0.04	(0.01,0.06)	0.01	0.005*
Number of children	-0.00	(-0.04,0.03)	0.02	0.876	0.01	(-0.03,0.04)	0.02	0.726
Weekly+ community participation	0.03	(-0.01,0.07)	0.02	0.199	0.03	(-0.00,0.07)	0.02	0.060
Weekly+ religious attendance	0.09	(0.06,0.13)	0.02	9.54e-07***	0.06	(0.02,0.09)	0.02	9.62e-04**
<i>Social Distress</i>								
Loneliness	-0.22	(-0.26,-0.18)	0.02	2.22e-16***	-0.07	(-0.11,-0.03)	0.02	1.28e-03**
Perceived discrimination	-0.05	(-0.08,-0.01)	0.02	0.014*	-0.02	(-0.06,0.01)	0.02	0.168
<i>Character & Prosocial Behavior</i>								
Hope	0.28	(0.24,0.32)	0.02	2.22e-16***	0.13	(0.09,0.17)	0.02	2.42e-08***
Gratitude	0.26	(0.22,0.31)	0.02	2.22e-16***	0.13	(0.09,0.18)	0.02	1.4e-08***
Showing love/care	0.23	(0.19,0.27)	0.02	2.22e-16***	0.10	(0.07,0.14)	0.02	5.72e-08***
Forgivingness	0.04	(0.00,0.08)	0.02	0.040*	0.01	(-0.02,0.05)	0.02	0.485
Charitable giving	0.02	(-0.01,0.06)	0.02	0.206	0.01	(-0.02,0.04)	0.02	0.564
Helping strangers	0.06	(0.02,0.10)	0.02	2.51e-03**	0.04	(0.01,0.08)	0.02	0.018*
Volunteering	0.04	(0.00,0.07)	0.02	0.038*	0.03	(-0.00,0.06)	0.02	0.061
<i>Physical Health & Health Behavior</i>								
Health problems	-0.04	(-0.08,-0.00)	0.02	0.042*	0.01	(-0.03,0.05)	0.02	0.620
Pain in past 4 weeks	-0.07	(-0.11,-0.04)	0.02	5.48e-05***	0.01	(-0.02,0.04)	0.02	0.570
Daily smoker	-0.03	(-0.08,0.01)	0.02	0.114	-0.07	(-0.11,-0.03)	0.02	1.25e-03**
Number of drinks per week	-0.02	(-0.06,0.01)	0.02	0.178	-0.03	(-0.07,0.00)	0.02	0.070
Days exercise per week	0.08	(0.05,0.12)	0.02	2.29e-06***	0.06	(0.03,0.09)	0.02	2.23e-04***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.01	(-0.02,0.04)	0.02	0.517	-0.00	(-0.04,0.03)	0.02	0.785
Currently employed	0.04	(-0.01,0.08)	0.02	0.088	-0.03	(-0.07,0.01)	0.02	0.140
Financially comfortable/getting by	0.15	(0.11,0.19)	0.02	1.53e-11***	0.08	(0.05,0.12)	0.02	2.22e-05***
Own home	0.04	(0.00,0.07)	0.02	0.036*	0.02	(-0.01,0.05)	0.02	0.293
Income – top quintile	0.04	(-0.01,0.10)	0.03	0.132	0.02	(-0.03,0.07)	0.03	0.436
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.05	(0.01,0.08)	0.02	0.006*	0.03	(-0.01,0.06)	0.02	0.138
Belief in life after death	0.04	(-0.01,0.08)	0.02	0.091	0.01	(-0.03,0.05)	0.02	0.606
Transformative religious experience	0.06	(0.03,0.10)	0.02	1.28e-03**	0.04	(0.01,0.08)	0.02	0.026*
Religious reading or listening	0.05	(0.01,0.09)	0.02	0.013*	0.04	(0.01,0.08)	0.02	0.025*
Prayer or meditation	0.05	(0.01,0.09)	0.02	0.007*	0.03	(-0.00,0.07)	0.02	0.066
Belief in God/gods/spiritual forces	0.00	(-0.03,0.04)	0.02	0.885	-0.02	(-0.05,0.02)	0.02	0.391
Religious centrality	0.09	(0.05,0.12)	0.02	1.5e-06***	0.05	(0.02,0.08)	0.02	2.88e-03**
Religious/spiritual comfort	0.08	(0.05,0.12)	0.02	2.56e-05***	0.04	(-0.00,0.07)	0.02	0.052
Feel loved by God	0.07	(0.03,0.11)	0.02	8.54e-04**	0.03	(-0.01,0.07)	0.02	0.106
Feel punished by God	0.03	(-0.01,0.07)	0.02	0.109	0.03	(-0.01,0.06)	0.02	0.115
Experienced religious criticism	0.04	(0.00,0.07)	0.02	0.029*	0.03	(0.00,0.07)	0.02	0.050*
Faith-sharing	0.05	(0.02,0.09)	0.02	3.89e-03**	0.03	(-0.01,0.07)	0.02	0.125

Notes. N=5292; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S23h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Philippines using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.47	(0.41,0.52)	0.03	2.22e-16***	0.41	(0.35,0.47)	0.03	2.22e-16***
Flourishing index	0.44	(0.39,0.50)	0.03	2.22e-16***	0.36	(0.29,0.42)	0.03	2.22e-16***
Happiness & life satisfaction	0.36	(0.30,0.41)	0.03	2.22e-16***	0.22	(0.15,0.29)	0.03	5.32e-11***
Physical & mental health	0.37	(0.31,0.43)	0.03	2.22e-16***	0.23	(0.17,0.30)	0.03	3.4e-12***
Meaning & purpose	0.32	(0.27,0.37)	0.03	2.22e-16***	0.17	(0.11,0.23)	0.03	1.12e-08***
Character & virtue	0.28	(0.23,0.33)	0.03	2.22e-16***	0.14	(0.08,0.21)	0.03	7.13e-06***
Close social relationships	0.30	(0.25,0.36)	0.03	2.22e-16***	0.15	(0.09,0.20)	0.03	3.28e-07***
Financial & material security	0.24	(0.19,0.30)	0.03	2.22e-16***	0.13	(0.07,0.18)	0.03	2.74e-06***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.32	(0.27,0.38)	0.03	2.22e-16***	0.17	(0.12,0.23)	0.03	2.74e-09***
Happiness (a)	0.30	(0.24,0.36)	0.03	2.22e-16***	0.15	(0.09,0.22)	0.03	1.29e-06***
Self-rated physical health (b)	0.32	(0.26,0.38)	0.03	2.22e-16***	0.19	(0.13,0.25)	0.03	4.35e-09***
Self-rated mental health (b)	0.32	(0.26,0.37)	0.03	2.22e-16***	0.16	(0.10,0.23)	0.03	3.06e-07***
Understanding purpose (c)	0.25	(0.20,0.30)	0.02	2.22e-16***	0.10	(0.04,0.16)	0.03	6.79e-04**
Meaningful activities (c)	0.28	(0.22,0.33)	0.03	2.22e-16***	0.14	(0.09,0.20)	0.03	3.4e-07***
Orientation to promote good (d)	0.25	(0.19,0.30)	0.03	2.22e-16***	0.12	(0.06,0.17)	0.03	3.09e-05***
Delayed gratification (d)	0.25	(0.20,0.30)	0.03	2.22e-16***	0.11	(0.05,0.18)	0.03	2.15e-04***
Relationship contentment (e)	0.25	(0.19,0.31)	0.03	2.22e-16***	0.10	(0.04,0.16)	0.03	9.62e-04**
Relationship satisfaction (e)	0.29	(0.23,0.34)	0.03	2.22e-16***	0.14	(0.08,0.19)	0.03	6.98e-07***
Financial security (f)	0.20	(0.15,0.25)	0.03	2.22e-15***	0.09	(0.04,0.14)	0.03	1.8e-04***
Material security (f)	0.22	(0.18,0.27)	0.02	2.22e-16***	0.09	(0.04,0.14)	0.03	7.63e-04**
<i>Psychological Well-Being</i>								
Current life evaluation	0.18	(0.13,0.23)	0.03	1.37e-11***	0.08	(0.03,0.13)	0.02	1.75e-03**
Future life evaluation	0.21	(0.15,0.26)	0.03	9.39e-14***	0.08	(0.03,0.13)	0.02	7.75e-04**
Optimism	0.20	(0.15,0.25)	0.03	3.77e-15***	0.07	(0.02,0.12)	0.03	4.26e-03**
Freedom to pursue what's important	0.26	(0.21,0.32)	0.03	2.22e-16***	0.12	(0.07,0.17)	0.03	5e-06***
Inner peace	0.07	(0.03,0.11)	0.02	2.26e-03**	0.04	(-0.00,0.08)	0.02	0.054
Life balance	0.06	(0.02,0.10)	0.02	0.007*	0.04	(0.00,0.09)	0.02	0.036*
Sense of mastery	0.14	(0.09,0.18)	0.02	3.85e-09***	0.09	(0.05,0.14)	0.02	2.31e-05***
<i>Psychological Distress</i>								
Traumatic distress	-0.03	(-0.07,0.02)	0.02	0.285	0.03	(-0.02,0.08)	0.02	0.194
Depression symptoms composite	-0.10	(-0.15,-0.05)	0.02	1.6e-05***	-0.01	(-0.06,0.03)	0.02	0.609
Depression – feel hopeless	-0.10	(-0.15,-0.04)	0.03	2.33e-04***	-0.01	(-0.06,0.03)	0.02	0.554
Depression – loss of interest	-0.03	(-0.08,0.01)	0.02	0.181	0.03	(-0.02,0.07)	0.02	0.194
Anxiety symptoms composite	-0.10	(-0.14,-0.05)	0.02	8.46e-05***	-0.01	(-0.06,0.04)	0.02	0.766
Anxiety – feel on edge	-0.08	(-0.12,-0.03)	0.02	8.81e-04**	0.01	(-0.04,0.06)	0.03	0.774
Anxiety – cannot stop worrying	-0.07	(-0.12,-0.03)	0.02	8.93e-04**	-0.00	(-0.05,0.04)	0.02	0.904
Suffering	-0.11	(-0.15,-0.07)	0.02	8.91e-07***	-0.07	(-0.11,-0.03)	0.02	8.49e-04**
<i>Social Well-Being</i>								
Social support	0.20	(0.15,0.25)	0.03	1.13e-14***	0.07	(0.02,0.12)	0.03	0.009*
Intimate/close friend	-0.01	(-0.06,0.04)	0.03	0.825	-0.04	(-0.09,-0.00)	0.02	0.045*
Government approval	0.08	(0.03,0.12)	0.02	8.34e-04**	0.02	(-0.02,0.07)	0.02	0.323
Say in government	0.08	(0.03,0.12)	0.02	6.22e-04***	0.04	(-0.01,0.08)	0.02	0.100
Belonging in country	0.23	(0.18,0.29)	0.03	2.22e-16***	0.11	(0.05,0.16)	0.03	2.06e-04***
City/place satisfaction	0.12	(0.06,0.17)	0.03	3.08e-05***	0.05	(0.01,0.10)	0.02	0.019*
Trust within country	0.04	(-0.01,0.09)	0.03	0.084	0.01	(-0.03,0.06)	0.02	0.541
<i>Social Participation</i>								
Ever been married	0.11	(-0.01,0.24)	0.06	0.079	0.12	(-0.00,0.24)	0.06	0.053
Currently divorced	0.01	(-0.01,0.03)	0.01	0.389	0.03	(0.01,0.05)	0.01	4.95e-03**
Number of children	0.02	(-0.03,0.07)	0.02	0.484	0.02	(-0.03,0.06)	0.02	0.445
Weekly+ community participation	0.02	(-0.02,0.07)	0.02	0.292	0.04	(-0.00,0.08)	0.02	0.068
Weekly+ religious attendance	0.09	(0.04,0.13)	0.02	4.14e-04***	0.05	(0.00,0.10)	0.02	0.030*
<i>Social Distress</i>								
Loneliness	-0.19	(-0.25,-0.14)	0.03	3.29e-13***	-0.07	(-0.11,-0.02)	0.02	0.009*
Perceived discrimination	-0.05	(-0.09,0.00)	0.02	0.067	-0.02	(-0.06,0.03)	0.02	0.428
<i>Character & Prosocial Behavior</i>								
Hope	0.23	(0.17,0.28)	0.03	2.22e-16***	0.09	(0.04,0.15)	0.03	1.1e-03**
Gratitude	0.22	(0.15,0.28)	0.03	4.69e-11***	0.10	(0.04,0.16)	0.03	1.01e-03**
Showing love/care	0.18	(0.13,0.23)	0.03	7.32e-12***	0.07	(0.02,0.12)	0.03	0.010*
Forgivingness	0.01	(-0.04,0.06)	0.03	0.635	-0.01	(-0.06,0.04)	0.02	0.684
Charitable giving	0.03	(-0.01,0.07)	0.02	0.170	0.01	(-0.04,0.05)	0.02	0.752
Helping strangers	0.07	(0.02,0.12)	0.03	0.009*	0.04	(-0.00,0.09)	0.02	0.074
Volunteering	0.04	(0.00,0.09)	0.02	0.042*	0.03	(-0.00,0.07)	0.02	0.088
<i>Physical Health & Health Behavior</i>								
Health problems	-0.01	(-0.06,0.04)	0.03	0.701	0.01	(-0.04,0.06)	0.02	0.634
Pain in past 4 weeks	-0.06	(-0.10,-0.01)	0.02	0.014*	0.01	(-0.04,0.05)	0.02	0.737
Daily smoker	-0.05	(-0.11,0.00)	0.03	0.061	-0.07	(-0.13,-0.02)	0.03	4.01e-03**
Number of drinks per week	-0.00	(-0.04,0.03)	0.02	0.886	-0.01	(-0.04,0.02)	0.02	0.501
Days exercise per week	0.09	(0.04,0.13)	0.02	7.32e-05***	0.06	(0.02,0.10)	0.02	2.23e-03**
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.02	(-0.06,0.03)	0.02	0.448	-0.01	(-0.06,0.03)	0.02	0.516
Currently employed	0.06	(0.01,0.11)	0.03	0.019*	-0.01	(-0.06,0.04)	0.03	0.622
Financially comfortable/getting by	0.14	(0.09,0.19)	0.03	2.2e-07***	0.08	(0.03,0.13)	0.03	2.46e-03**
Own home	0.03	(-0.02,0.07)	0.02	0.265	0.02	(-0.03,0.06)	0.02	0.463
Income – top quintile	0.03	(-0.02,0.09)	0.03	0.221	0.02	(-0.02,0.07)	0.02	0.326
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.03	(-0.01,0.08)	0.02	0.138	0.03	(-0.02,0.07)	0.02	0.277
Belief in life after death	0.02	(-0.02,0.07)	0.02	0.308	0.00	(-0.04,0.05)	0.02	0.863
Transformative religious experience	0.04	(-0.01,0.09)	0.03	0.101	0.03	(-0.02,0.08)	0.03	0.263
Religious reading or listening	0.07	(0.02,0.12)	0.03	0.008*	0.05	(0.00,0.10)	0.03	0.041*
Prayer or meditation	0.05	(-0.00,0.10)	0.03	0.059	0.03	(-0.02,0.07)	0.02	0.269
Belief in God/gods/spiritual forces	0.00	(-0.04,0.05)	0.02	0.844	-0.02	(-0.06,0.03)	0.02	0.518
Religious centrality	0.06	(0.02,0.11)	0.02	4.21e-03**	0.04	(-0.01,0.08)	0.02	0.097
Religious/spiritual comfort	0.05	(-0.00,0.10)	0.03	0.057	0.02	(-0.03,0.07)	0.03	0.515
Feel loved by God	0.07	(0.01,0.13)	0.03	0.016*	0.03	(-0.03,0.08)	0.03	0.316
Feel punished by God	0.03	(-0.01,0.08)	0.02	0.152	0.04	(-0.00,0.08)	0.02	0.052
Experienced religious criticism	0.02	(-0.03,0.06)	0.02	0.478	0.03	(-0.02,0.08)	0.02	0.196
Faith-sharing	0.04	(-0.01,0.09)	0.02	0.113	0.03	(-0.02,0.07)	0.02	0.260

Notes. N=2682; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S23i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Philippines

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.14	2.06	2.04	1.95	2.04	1.94	1.94	1.83
Flourishing index	2.07	1.98	1.87	1.78	1.98	1.87	1.82	1.70
Happiness & life satisfaction	1.65	1.59	1.43	1.36	1.61	1.53	1.43	1.34
Physical & mental health	1.75	1.68	1.50	1.43	1.69	1.61	1.49	1.39
Meaning & purpose	1.68	1.62	1.44	1.37	1.62	1.54	1.40	1.30
Character & virtue	1.64	1.58	1.41	1.33	1.57	1.49	1.36	1.25
Close social relationships	1.68	1.61	1.43	1.36	1.59	1.51	1.36	1.26
Financial & material security	1.41	1.37	1.28	1.24	1.37	1.32	1.25	1.18
Individual Flourishing Index Items								
Life satisfaction	1.54	1.48	1.31	1.25	1.51	1.45	1.34	1.26
Happiness	1.55	1.49	1.33	1.27	1.51	1.44	1.32	1.24
Self-rated physical health	1.59	1.54	1.39	1.33	1.55	1.47	1.38	1.29
Self-rated mental health	1.62	1.56	1.38	1.31	1.57	1.50	1.36	1.27
Understanding purpose	1.53	1.47	1.30	1.22	1.48	1.41	1.27	1.16
Meaningful activities	1.52	1.47	1.33	1.28	1.47	1.40	1.30	1.22
Orientation to promote good	1.53	1.48	1.33	1.26	1.48	1.41	1.29	1.20
Delayed gratification	1.55	1.49	1.34	1.26	1.49	1.42	1.29	1.19
Relationship contentment	1.54	1.48	1.30	1.22	1.48	1.40	1.26	1.15
Relationship satisfaction	1.61	1.55	1.40	1.33	1.53	1.46	1.32	1.23
Financial security	1.35	1.31	1.22	1.18	1.30	1.26	1.19	1.13
Material security	1.36	1.32	1.21	1.16	1.33	1.28	1.19	1.11
Psychological Well-Being								
Current life evaluation	1.38	1.33	1.21	1.15	1.35	1.28	1.21	1.12
Future life evaluation	1.40	1.35	1.21	1.14	1.40	1.32	1.22	1.13
Optimism	1.47	1.42	1.28	1.21	1.42	1.35	1.22	1.11
Freedom to pursue what's important	1.54	1.48	1.33	1.26	1.50	1.43	1.29	1.21
Inner peace	1.55	1.35	1.30	1.00	1.53	1.27	1.37	1.00
Life balance	1.63	1.45	1.38	1.16	1.47	1.21	1.39	1.08
Sense of mastery	1.93	1.74	1.63	1.44	1.92	1.67	1.67	1.43
Psychological Distress								
Traumatic distress	1.29	1.00	1.31	1.00	1.28	1.00	1.30	1.00
Depression symptoms composite	1.77	1.59	1.27	1.00	1.69	1.45	1.17	1.00
Depression – feel hopeless	1.83	1.63	1.36	1.09	1.69	1.40	1.20	1.00
Depression – loss of interest	1.43	1.20	1.21	1.00	1.31	1.00	1.30	1.00
Anxiety symptoms composite	1.75	1.54	1.17	1.00	1.67	1.41	1.13	1.00
Anxiety – feel on edge	1.64	1.43	1.16	1.00	1.59	1.32	1.13	1.00
Anxiety – cannot stop worrying	1.64	1.43	1.14	1.00	1.55	1.30	1.08	1.00
Suffering	1.70	1.52	1.44	1.25	1.75	1.51	1.52	1.29
Social Well-Being								
Social support	1.42	1.38	1.22	1.15	1.38	1.31	1.19	1.09
Intimate/close friend	1.03	1.00	1.55	1.20	1.15	1.00	1.56	1.06
Government approval	1.58	1.37	1.19	1.00	1.62	1.34	1.27	1.00
Say in government	1.68	1.50	1.42	1.22	1.56	1.31	1.33	1.00
Belonging in country	1.49	1.44	1.28	1.21	1.44	1.37	1.26	1.17
City/place satisfaction	2.17	1.83	1.58	1.29	2.08	1.65	1.58	1.18
Trust within country	1.63	1.35	1.35	1.00	1.48	1.00	1.23	1.00
Social Participation								
Ever been married	2.08	1.52	2.17	1.66	1.76	1.00	1.78	1.00
Currently divorced	2.51	1.00	3.76	1.89	1.80	1.00	3.47	1.79
Number of children	1.04	1.00	1.06	1.00	1.11	1.00	1.11	1.00
Weekly+ community participation	1.32	1.00	1.38	1.00	1.31	1.00	1.40	1.00
Weekly+ religious attendance	1.64	1.45	1.46	1.26	1.62	1.35	1.42	1.11
Social Distress								
Loneliness	1.32	1.29	1.16	1.10	1.30	1.25	1.16	1.07
Perceived discrimination	1.44	1.16	1.28	1.00	1.42	1.00	1.24	1.00
Character & Prosocial Behavior								
Hope	1.56	1.50	1.34	1.26	1.50	1.42	1.27	1.16
Gratitude	1.51	1.44	1.32	1.24	1.45	1.36	1.27	1.16
Showing love/care	1.52	1.46	1.30	1.23	1.44	1.36	1.24	1.10
Forgivingness	1.38	1.07	1.19	1.00	1.19	1.00	1.16	1.00
Charitable giving	1.32	1.00	1.19	1.00	1.38	1.00	1.15	1.00
Helping strangers	1.47	1.24	1.38	1.14	1.52	1.21	1.37	1.00
Volunteering	1.37	1.07	1.32	1.00	1.42	1.06	1.35	1.00
Physical Health & Health Behavior								
Health problems	1.38	1.06	1.15	1.00	1.16	1.00	1.18	1.00
Pain in past 4 weeks	1.54	1.35	1.15	1.00	1.47	1.17	1.13	1.00
Daily smoker	1.37	1.00	1.59	1.32	1.51	1.00	1.65	1.30
Number of drinks per week	1.08	1.00	1.09	1.00	1.03	1.00	1.06	1.00
Days exercise per week	1.19	1.14	1.16	1.10	1.20	1.13	1.16	1.09
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.24	1.00	1.15	1.00	1.32	1.00	1.29	1.00
Currently employed	1.33	1.00	1.30	1.00	1.48	1.16	1.18	1.00
Financially comfortable/getting by	1.95	1.73	1.60	1.39	1.89	1.61	1.58	1.29
Own home	1.36	1.07	1.22	1.00	1.27	1.00	1.20	1.00
Income – top quintile	1.44	1.00	1.27	1.00	1.36	1.00	1.29	1.00
Religion & Spirituality								
Religious/spiritual connection	1.43	1.20	1.29	1.00	1.33	1.00	1.28	1.00
Belief in life after death	1.34	1.00	1.16	1.00	1.27	1.00	1.09	1.00
Transformative religious experience	1.50	1.27	1.39	1.11	1.38	1.00	1.30	1.00
Religious reading or listening	1.45	1.17	1.40	1.12	1.59	1.24	1.47	1.07
Prayer or meditation	1.46	1.20	1.35	1.00	1.43	1.00	1.29	1.00
Belief in God/gods/spiritual forces	1.11	1.00	1.29	1.00	1.15	1.00	1.30	1.00
Religious centrality	1.68	1.47	1.45	1.23	1.55	1.26	1.37	1.00
Religious/spiritual comfort	1.71	1.45	1.39	1.00	1.49	1.00	1.24	1.00
Feel loved by God	1.80	1.42	1.44	1.00	1.81	1.26	1.42	1.00
Feel punished by God	1.30	1.00	1.28	1.00	1.32	1.00	1.37	1.00
Experienced religious criticism	1.36	1.10	1.33	1.02	1.22	1.00	1.31	1.00
Faith-sharing	1.44	1.22	1.30	1.00	1.35	1.00	1.28	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S24a. Weighted summary statistics for demographic and childhood variables in Poland

Characteristic	Wave 1 N = 10,389	Wave 2 N = 6,545
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	129 (1.2%)	106 (1.6%)
1943-1953 (current age: 70-79 years)	789 (7.6%)	626 (9.6%)
1953-1963 (current age: 60-69 years)	1,970 (19.0%)	1,248 (19.1%)
1963-1973 (current age: 50-59 years)	1,576 (15.2%)	980 (15.0%)
1973-1983 (current age: 40-49 years)	1,896 (18.3%)	1,257 (19.2%)
1983-1993 (current age: 30-39 years)	2,133 (20.5%)	1,297 (19.8%)
1993-1998 (current age: 25-29 years)	795 (7.7%)	483 (7.4%)
1998-2005 (current age: 18-24 years)	1,101 (10.6%)	547 (8.4%)
(Missing)	1 (<0.0%)	1 (0.0%)
<i>Age of participant</i>		
Mean	46.5	48.0
Standard Deviation	16.6	16.7
Min, Max	18.0, 92.0	19.0, 93.0
<i>Gender, n (%)</i>		
Male	4,949 (47.6%)	3,098 (47.3%)
Female	5,411 (52.1%)	3,426 (52.3%)
Other	4 (0.0%)	1 (0.0%)
(Missing)	25 (0.2%)	19 (0.3%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,910 (18.4%)	1,075 (16.4%)
Married	6,011 (57.9%)	3,919 (59.9%)
Separated	107 (1.0%)	79 (1.2%)
Divorced	517 (5.0%)	310 (4.7%)
Widowed	930 (9.0%)	504 (7.7%)
Domestic partner	544 (5.2%)	353 (5.4%)
(Missing)	369 (3.6%)	305 (4.7%)
<i>Education (years), n (%)</i>		
Up to 8	742 (7.1%)	172 (2.6%)
9-15	6,711 (64.6%)	4,367 (66.7%)
16+	2,934 (28.2%)	2,006 (30.6%)
(Missing)	1 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	5,689 (54.8%)	3,671 (56.1%)
Self-employed	652 (6.3%)	350 (5.3%)
Retired	2,494 (24.0%)	1,577 (24.1%)
Student	561 (5.4%)	296 (4.5%)
Homemaker	371 (3.6%)	170 (2.6%)
Unemployed and looking for a job	294 (2.8%)	114 (1.7%)
None of these/Other	204 (2.0%)	176 (2.7%)
(Missing)	124 (1.2%)	192 (2.9%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	280 (2.7%)	123 (1.9%)
Once a week	3,277 (31.5%)	2,023 (30.9%)
One to three times a month	2,061 (19.8%)	1,198 (18.3%)
A few times a year	3,084 (29.7%)	2,029 (31.0%)
Never	1,609 (15.5%)	1,077 (16.5%)
(Missing)	78 (0.7%)	95 (1.5%)
<i>Immigration status, n (%)</i>		
Born in this country	10,257 (98.7%)	6,481 (99.0%)

Table S24a. Weighted summary statistics for demographic and childhood variables in Poland

Characteristic	Wave 1 N = 10,389	Wave 2 N = 6,545
Born in another country	111 (1.1%)	58 (0.9%)
(Missing)	20 (0.2%)	7 (0.1%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	8,979 (86.4%)	5,773 (88.2%)
Parents were divorced	595 (5.7%)	399 (6.1%)
Parents were never married	200 (1.9%)	95 (1.4%)
One or both of them had died	303 (2.9%)	149 (2.3%)
Unsure	223 (2.2%)	96 (1.5%)
(Missing)	87 (0.8%)	33 (0.5%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	4,730 (45.5%)	2,921 (44.6%)
One to three times a month	2,709 (26.1%)	1,774 (27.1%)
Less than once a month	2,184 (21.0%)	1,354 (20.7%)
Never	350 (3.4%)	210 (3.2%)
(Missing)	417 (4.0%)	286 (4.4%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	4,914 (47.3%)	3,211 (49.1%)
Somewhat good	4,971 (47.8%)	3,063 (46.8%)
Somewhat bad	278 (2.7%)	150 (2.3%)
Very bad	54 (0.5%)	27 (0.4%)
(Does not apply)	77 (0.7%)	33 (0.5%)
(Missing)	94 (0.9%)	61 (0.9%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	4,238 (40.8%)	2,807 (42.9%)
Somewhat good	4,994 (48.1%)	3,038 (46.4%)
Somewhat bad	507 (4.9%)	296 (4.5%)
Very bad	88 (0.8%)	63 (1.0%)
(Does not apply)	398 (3.8%)	234 (3.6%)
(Missing)	164 (1.6%)	107 (1.6%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	484 (4.7%)	315 (4.8%)
No	9,646 (92.9%)	6,094 (93.1%)
(Missing)	259 (2.5%)	136 (2.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	316 (3.0%)	206 (3.2%)
No	10,022 (96.5%)	6,315 (96.5%)
(Missing)	51 (0.5%)	23 (0.4%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,694 (25.9%)	1,785 (27.3%)
Very good	5,370 (51.7%)	3,298 (50.4%)
Good	1,783 (17.2%)	1,119 (17.1%)
Fair	399 (3.8%)	255 (3.9%)
Poor	109 (1.0%)	65 (1.0%)
(Missing)	34 (0.3%)	23 (0.3%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,412 (13.6%)	807 (12.3%)
Got by	6,279 (60.4%)	4,033 (61.6%)
Found it difficult	2,142 (20.6%)	1,358 (20.7%)
Found it very difficult	461 (4.4%)	287 (4.4%)
(Missing)	95 (0.9%)	61 (0.9%)

Table S24a. Weighted summary statistics for demographic and childhood variables in Poland

Characteristic	Wave 1 N = 10,389	Wave 2 N = 6,545
<i>Religious affiliation growing up, n (%)</i>		
Christianity	9,867 (95.0%)	6,208 (94.9%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	5 (0.0%)	2 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	3 (0.0%)	1 (0.0%)
Hinduism	0 (0%)	0 (0%)
Buddhism	2 (0.0%)	3 (0.0%)
Judaism	0 (0%)	0 (0%)
Sikhism	1 (0.0%)	1 (0.0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	483 (4.6%)	322 (4.9%)
(Missing)	28 (0.3%)	8 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S24b. Weighted summary statistics for exposure and outcome variables in Poland

Outcome	Wave 1 N = 10,389	Wave 2 N = 6,545
<i>Secure flourishing index</i>		
Mean	7.6	7.7
Standard Deviation	1.3	1.2
Min, Max	0.3, 10.0	0.7, 10.0
(Missing)	525 (5.1%)	240 (3.7%)
<i>Flourishing index</i>		
Mean	7.7	7.8
Standard Deviation	1.3	1.2
Min, Max	0.3, 10.0	0.8, 10.0
(Missing)	462 (4.4%)	213 (3.2%)
<i>Happiness & life satisfaction</i>		
Mean	7.6	7.7
Standard Deviation	1.5	1.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	114 (1.1%)	33 (0.5%)
<i>Physical & mental health</i>		
Mean	7.9	8.0
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (0.4%)	48 (0.7%)
<i>Meaning & purpose</i>		
Mean	7.8	7.9
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	92 (0.9%)	39 (0.6%)
<i>Character & virtue</i>		
Mean	7.4	7.6
Standard Deviation	1.6	1.4
Min, Max	0.0, 10.0	1.0, 10.0
(Missing)	94 (0.9%)	44 (0.7%)
<i>Close social relationships</i>		
Mean	7.7	7.7
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	209 (2.0%)	67 (1.0%)
<i>Financial & material security</i>		
Mean	7.2	7.6
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	99 (1.0%)	31 (0.5%)
<i>Life satisfaction</i>		
Mean	7.5	7.7
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	100 (1.0%)	21 (0.3%)
<i>Happiness</i>		
Mean	7.6	7.7
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.1%)	14 (0.2%)
<i>Self-rated physical health</i>		

Table S24b. Weighted summary statistics for exposure and outcome variables in Poland

Outcome	Wave 1 N = 10,389	Wave 2 N = 6,545
Mean	7.7	7.8
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.2%)	35 (0.5%)
<i>Self-rated mental health</i>		
Mean	8.1	8.1
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.2%)	14 (0.2%)
<i>Understanding purpose</i>		
Mean	7.8	7.9
Standard Deviation	2.0	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	36 (0.4%)	20 (0.3%)
<i>Meaningful activities</i>		
Mean	7.7	7.8
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	57 (0.6%)	19 (0.3%)
<i>Orientation to promote good</i>		
Mean	7.9	8.1
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	1.0, 10.0
(Missing)	58 (0.6%)	6 (<0.1%)
<i>Delayed gratification</i>		
Mean	6.8	7.1
Standard Deviation	2.3	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	56 (0.5%)	39 (0.6%)
<i>Relationship contentment</i>		
Mean	7.8	7.8
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	119 (1.1%)	29 (0.4%)
<i>Relationship satisfaction</i>		
Mean	7.6	7.6
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	111 (1.1%)	41 (0.6%)
<i>Financial security</i>		
Mean	7.0	7.5
Standard Deviation	2.4	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	36 (0.3%)	16 (0.2%)
<i>Material security</i>		
Mean	7.4	7.7
Standard Deviation	2.4	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	81 (0.8%)	16 (0.2%)
<i>Current life evaluation</i>		
Mean	7.1	7.4

Table S24b. Weighted summary statistics for exposure and outcome variables in Poland

Outcome	Wave 1 N = 10,389	Wave 2 N = 6,545
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.2%)	6 (<0.1%)
<i>Future life evaluation</i>		
Mean	7.4	7.5
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	148 (1.4%)	100 (1.5%)
<i>Optimism</i>		
Mean	7.7	7.8
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	35 (0.3%)	29 (0.4%)
<i>Freedom to pursue what's important</i>		
Mean	7.6	7.6
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	59 (0.6%)	23 (0.4%)
<i>Inner peace, n (%)</i>		
Always	1,665 (16.0%)	865 (13.2%)
Often	6,448 (62.1%)	4,227 (64.6%)
Rarely	1,942 (18.7%)	1,268 (19.4%)
Never	255 (2.4%)	145 (2.2%)
(Missing)	79 (0.8%)	39 (0.6%)
<i>Life balance, n (%)</i>		
Always	1,644 (15.8%)	877 (13.4%)
Often	6,509 (62.7%)	4,136 (63.2%)
Rarely	1,915 (18.4%)	1,289 (19.7%)
Never	259 (2.5%)	194 (3.0%)
(Missing)	62 (0.6%)	50 (0.8%)
<i>Sense of mastery, n (%)</i>		
Always	2,927 (28.2%)	1,740 (26.6%)
Often	5,817 (56.0%)	3,733 (57.0%)
Rarely	1,293 (12.4%)	873 (13.3%)
Never	259 (2.5%)	146 (2.2%)
(Missing)	93 (0.9%)	53 (0.8%)
<i>Traumatic distress, n (%)</i>		
A lot	308 (3.0%)	181 (2.8%)
Some	1,335 (12.9%)	863 (13.2%)
Not very much	3,013 (29.0%)	1,885 (28.8%)
Not at all	5,683 (54.7%)	3,591 (54.9%)
(Missing)	49 (0.5%)	26 (0.4%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,415 (13.8%)	774 (11.9%)
	136 (1.3%)	65 (1.0%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	235 (2.3%)	151 (2.3%)
More than half the days	656 (6.3%)	366 (5.6%)
Several days	2,495 (24.0%)	1,598 (24.4%)
Not at all	6,921 (66.6%)	4,393 (67.1%)
(Missing)	82 (0.8%)	36 (0.6%)
<i>Depression – loss of interest, n (%)</i>		

Table S24b. Weighted summary statistics for exposure and outcome variables in Poland

Outcome	Wave 1 N = 10,389	Wave 2 N = 6,545
Nearly every day	372 (3.6%)	176 (2.7%)
More than half the days	1,148 (11.0%)	606 (9.3%)
Several days	3,197 (30.8%)	2,209 (33.7%)
Not at all	5,611 (54.0%)	3,520 (53.8%)
(Missing)	61 (0.6%)	33 (0.5%)
<i>Anxiety symptoms composite, n (%)</i>	1,264 (12.3%)	671 (10.4%)
(Missing)	101 (1.0%)	88 (1.3%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	314 (3.0%)	175 (2.7%)
More than half the days	869 (8.4%)	460 (7.0%)
Several days	4,129 (39.7%)	2,555 (39.0%)
Not at all	5,019 (48.3%)	3,310 (50.6%)
(Missing)	59 (0.6%)	46 (0.7%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	248 (2.4%)	153 (2.3%)
More than half the days	666 (6.4%)	351 (5.4%)
Several days	2,313 (22.3%)	1,564 (23.9%)
Not at all	7,113 (68.5%)	4,432 (67.7%)
(Missing)	50 (0.5%)	45 (0.7%)
<i>Suffering, n (%)</i>		
A lot	221 (2.1%)	177 (2.7%)
Some	2,280 (21.9%)	1,706 (26.1%)
Not very much	3,728 (35.9%)	2,213 (33.8%)
Not at all	4,117 (39.6%)	2,418 (36.9%)
(Missing)	43 (0.4%)	31 (0.5%)
<i>Social support</i>		
Mean	8.0	8.1
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (0.5%)	46 (0.7%)
<i>Intimate/close friend, n (%)</i>		
Yes	8,908 (85.7%)	5,075 (77.5%)
No	1,314 (12.7%)	1,438 (22.0%)
(Missing)	167 (1.6%)	33 (0.5%)
<i>Government approval, n (%)</i>		
Strongly approve	1,360 (13.1%)	754 (11.5%)
Somewhat approve	2,002 (19.3%)	2,236 (34.2%)
Neither approve nor disapprove	2,103 (20.2%)	1,690 (25.8%)
Somewhat disapprove	1,948 (18.8%)	953 (14.6%)
Strongly disapprove	2,932 (28.2%)	858 (13.1%)
(Missing)	44 (0.4%)	54 (0.8%)
<i>Say in government, n (%)</i>		
Agree	2,701 (26.0%)	2,462 (37.6%)
Disagree	5,839 (56.2%)	3,193 (48.8%)
Unsure	1,792 (17.2%)	883 (13.5%)
(Missing)	57 (0.5%)	6 (0.1%)
<i>Belonging in country</i>		
Mean	7.7	7.9
Standard Deviation	2.2	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	39 (0.4%)	31 (0.5%)

Table S24b. Weighted summary statistics for exposure and outcome variables in Poland

Outcome	Wave 1 N = 10,389	Wave 2 N = 6,545
<i>City/place satisfaction, n (%)</i>		
Satisfied	9,104 (87.6%)	5,767 (88.1%)
Dissatisfied	658 (6.3%)	348 (5.3%)
Unsure	614 (5.9%)	403 (6.2%)
(Missing)	13 (0.1%)	27 (0.4%)
<i>Trust within country, n (%)</i>		
All people	87 (0.8%)	42 (0.6%)
Most people	2,274 (21.9%)	1,477 (22.6%)
Some people	4,315 (41.5%)	2,845 (43.5%)
Not very many people	3,259 (31.4%)	1,900 (29.0%)
None	337 (3.2%)	240 (3.7%)
(Missing)	116 (1.1%)	41 (0.6%)
<i>Number of children</i>		
Mean	0.5	0.5
Standard Deviation	0.9	1.1
Min, Max	0.0, 11.0	0.0, 59.0
(Missing)	155 (1.5%)	973 (15%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	270 (2.6%)	95 (1.5%)
Once a week	738 (7.1%)	396 (6.0%)
One to three times a month	1,157 (11.1%)	623 (9.5%)
A few times a year	3,051 (29.4%)	1,706 (26.1%)
Never	5,111 (49.2%)	3,709 (56.7%)
(Missing)	61 (0.6%)	17 (0.3%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	280 (2.7%)	123 (1.9%)
Once a week	3,277 (31.5%)	2,023 (30.9%)
One to three times a month	2,061 (19.8%)	1,198 (18.3%)
A few times a year	3,084 (29.7%)	2,029 (31.0%)
Never	1,609 (15.5%)	1,077 (16.5%)
(Missing)	78 (0.7%)	95 (1.5%)
<i>Loneliness</i>		
Mean	2.4	2.3
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	64 (0.6%)	17 (0.3%)
<i>Perceived discrimination, n (%)</i>		
Always	191 (1.8%)	159 (2.4%)
Often	1,108 (10.7%)	636 (9.7%)
Rarely	2,765 (26.6%)	1,480 (22.6%)
Never	6,302 (60.7%)	4,247 (64.9%)
(Missing)	23 (0.2%)	23 (0.3%)
<i>Hope</i>		
Mean	8.0	8.0
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	47 (0.5%)	39 (0.6%)
<i>Gratitude</i>		
Mean	7.4	7.5
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0

Table S24b. Weighted summary statistics for exposure and outcome variables in Poland

Outcome	Wave 1 N = 10,389	Wave 2 N = 6,545
(Missing)	119 (1.1%)	61 (0.9%)
<i>Showing love/care</i>		
Mean	7.8	7.8
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (0.4%)	17 (0.3%)
<i>Forgivingness, n (%)</i>		
Always	1,706 (16.4%)	957 (14.6%)
Often	5,036 (48.5%)	3,107 (47.5%)
Rarely	2,823 (27.2%)	1,997 (30.5%)
Never	761 (7.3%)	452 (6.9%)
(Missing)	63 (0.6%)	33 (0.5%)
<i>Charitable giving, n (%)</i>		
Yes	2,100 (20.2%)	1,270 (19.4%)
No	8,234 (79.3%)	5,254 (80.3%)
(Missing)	56 (0.5%)	21 (0.3%)
<i>Helping strangers, n (%)</i>		
Yes	2,638 (25.4%)	1,592 (24.3%)
No	7,546 (72.6%)	4,928 (75.3%)
(Missing)	205 (2.0%)	25 (0.4%)
<i>Volunteering, n (%)</i>		
Yes	871 (8.4%)	433 (6.6%)
No	9,443 (90.9%)	6,092 (93.1%)
(Missing)	75 (0.7%)	19 (0.3%)
<i>Health problems, n (%)</i>		
Yes	1,341 (12.9%)	925 (14.1%)
No	8,976 (86.4%)	5,493 (83.9%)
(Missing)	71 (0.7%)	127 (1.9%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	490 (4.7%)	271 (4.1%)
Some	2,810 (27.0%)	1,866 (28.5%)
Not very much	3,211 (30.9%)	1,992 (30.4%)
None at all	3,854 (37.1%)	2,408 (36.8%)
(Missing)	24 (0.2%)	7 (0.1%)
<i>Number of drinks per week</i>		
Mean	2.0	1.9
Standard Deviation	3.4	3.0
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	130 (1.3%)	223 (3.4%)
<i>Days exercise per week</i>		
Mean	1.4	1.3
Standard Deviation	1.9	1.8
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	108 (1.0%)	108 (1.6%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	742 (7.1%)	172 (2.6%)
9-15	6,711 (64.6%)	4,367 (66.7%)
16+	2,934 (28.2%)	2,006 (30.6%)
(Missing)	1 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	5,689 (54.8%)	3,671 (56.1%)

Table S24b. Weighted summary statistics for exposure and outcome variables in Poland

Outcome	Wave 1 N = 10,389	Wave 2 N = 6,545
Self-employed	652 (6.3%)	350 (5.3%)
Retired	2,494 (24.0%)	1,577 (24.1%)
Student	561 (5.4%)	296 (4.5%)
Homemaker	371 (3.6%)	170 (2.6%)
Unemployed and looking for a job	294 (2.8%)	114 (1.7%)
None of these/Other	204 (2.0%)	176 (2.7%)
(Missing)	124 (1.2%)	192 (2.9%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,798 (17.3%)	1,017 (15.5%)
Getting by on present income	6,332 (60.9%)	4,301 (65.7%)
Finding it difficult on present income	1,786 (17.2%)	986 (15.1%)
Finding it very difficult on present income	350 (3.4%)	163 (2.5%)
(Missing)	123 (1.2%)	77 (1.2%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	7,497 (72.2%)	5,541 (84.7%)
Someone in this household rents this home	1,334 (12.8%)	486 (7.4%)
Both	265 (2.6%)	101 (1.5%)
Neither	1,207 (11.6%)	301 (4.6%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	87 (0.8%)	116 (1.8%)
<i>Religious/spiritual connection, n (%)</i>		
Always	2,013 (19.4%)	1,136 (17.4%)
Often	3,731 (35.9%)	2,131 (32.6%)
Rarely	3,042 (29.3%)	2,039 (31.1%)
Never	1,537 (14.8%)	1,169 (17.9%)
(Missing)	66 (0.6%)	70 (1.1%)
<i>Belief in life after death, n (%)</i>		
Yes	5,884 (56.6%)	3,770 (57.6%)
No	2,186 (21.0%)	1,279 (19.5%)
Unsure	2,254 (21.7%)	1,429 (21.8%)
(Missing)	65 (0.6%)	67 (1.0%)
<i>Transformative religious experience, n (%)</i>		
Yes	854 (8.2%)	504 (7.7%)
No	9,495 (91.4%)	6,012 (91.9%)
(Missing)	40 (0.4%)	29 (0.4%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	94 (0.9%)	71 (1.1%)
About once a day	734 (7.1%)	370 (5.7%)
Sometimes	5,096 (49.1%)	3,119 (47.7%)
Never	4,385 (42.2%)	2,900 (44.3%)
(Missing)	80 (0.8%)	85 (1.3%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	700 (6.7%)	314 (4.8%)
About once a day	2,207 (21.2%)	1,332 (20.4%)
Sometimes	4,746 (45.7%)	2,999 (45.8%)
Never	2,684 (25.8%)	1,835 (28.0%)
(Missing)	52 (0.5%)	64 (1.0%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	7,938 (76.4%)	5,008 (76.5%)

Table S24b. Weighted summary statistics for exposure and outcome variables in Poland

Outcome	Wave 1 N = 10,389	Wave 2 N = 6,545
More than one god	99 (1.0%)	61 (0.9%)
An impersonal spiritual force	448 (4.3%)	350 (5.4%)
None of these	899 (8.7%)	483 (7.4%)
Unsure	939 (9.0%)	564 (8.6%)
(Missing)	65 (0.6%)	80 (1.2%)
<i>Religious centrality, n (%)</i>		
Agree	4,500 (43.3%)	2,763 (42.2%)
Disagree	2,421 (23.3%)	1,602 (24.5%)
Not relevant	1,235 (11.9%)	797 (12.2%)
Unsure	2,126 (20.5%)	1,345 (20.6%)
(Missing)	107 (1.0%)	37 (0.6%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	4,909 (47.3%)	3,016 (46.1%)
Disagree	2,006 (19.3%)	1,398 (21.4%)
Not relevant	1,195 (11.5%)	784 (12.0%)
Unsure	2,158 (20.8%)	1,303 (19.9%)
(Missing)	121 (1.2%)	43 (0.7%)
<i>Feel loved by God, n (%)</i>		
Agree	4,935 (47.5%)	2,952 (45.1%)
Disagree	1,569 (15.1%)	1,043 (15.9%)
Not relevant	1,176 (11.3%)	776 (11.9%)
Unsure	2,557 (24.6%)	1,715 (26.2%)
(Missing)	152 (1.5%)	59 (0.9%)
<i>Feel punished by God, n (%)</i>		
Agree	1,756 (16.9%)	1,021 (15.6%)
Disagree	4,620 (44.5%)	2,946 (45.0%)
Not relevant	1,266 (12.2%)	799 (12.2%)
Unsure	2,591 (24.9%)	1,718 (26.2%)
(Missing)	156 (1.5%)	61 (0.9%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,257 (12.1%)	709 (10.8%)
Disagree	4,970 (47.8%)	3,010 (46.0%)
Not relevant	2,001 (19.3%)	1,281 (19.6%)
Unsure	2,013 (19.4%)	1,481 (22.6%)
(Missing)	148 (1.4%)	64 (1.0%)
<i>Faith-sharing, n (%)</i>		
Agree	3,036 (29.2%)	1,584 (24.2%)
Disagree	3,798 (36.6%)	2,818 (43.1%)
Not relevant	1,655 (15.9%)	946 (14.5%)
Unsure	1,810 (17.4%)	1,164 (17.8%)
(Missing)	90 (0.9%)	33 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S24c. Unweighted summary statistics for demographic and childhood variables in Poland by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,785	Retained-Observed in Wave 2 N = 6,615
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	46 (1.2%)	83 (1.3%)
1943-1953 (current age: 70-79 years)	223 (5.9%)	571 (8.6%)
1953-1963 (current age: 60-69 years)	577 (15.3%)	1,403 (21.2%)
1963-1973 (current age: 50-59 years)	578 (15.3%)	999 (15.1%)
1973-1983 (current age: 40-49 years)	770 (20.3%)	1,123 (17.0%)
1983-1993 (current age: 30-39 years)	840 (22.2%)	1,292 (19.5%)
1993-1998 (current age: 25-29 years)	307 (8.1%)	488 (7.4%)
1998-2005 (current age: 18-24 years)	444 (11.7%)	655 (9.9%)
(Missing)	0 (0%)	1 (0.0%)
<i>Age of participant</i>		
Mean	44.7	47.6
Standard Deviation	16.1	16.9
Min, Max	18.0, 90.0	18.0, 92.0
<i>Gender, n (%)</i>		
Male	1,864 (49.3%)	3,086 (46.6%)
Female	1,910 (50.5%)	3,511 (53.1%)
Other	3 (0.1%)	1 (0.0%)
(Missing)	8 (0.2%)	18 (0.3%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	753 (19.9%)	1,155 (17.5%)
Married	1,993 (52.7%)	4,037 (61.0%)
Separated	52 (1.4%)	54 (0.8%)
Divorced	236 (6.2%)	278 (4.2%)
Widowed	388 (10.2%)	540 (8.2%)
Domestic partner	261 (6.9%)	280 (4.2%)
(Missing)	101 (2.7%)	270 (4.1%)
<i>Education (years), n (%)</i>		
Up to 8	324 (8.6%)	415 (6.3%)
9-15	2,447 (64.7%)	4,271 (64.6%)
16+	1,012 (26.7%)	1,929 (29.2%)
(Missing)	1 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	2,142 (56.6%)	3,548 (53.6%)
Self-employed	265 (7.0%)	386 (5.8%)
Retired	761 (20.1%)	1,745 (26.4%)
Student	208 (5.5%)	354 (5.3%)
Homemaker	145 (3.8%)	225 (3.4%)
Unemployed and looking for a job	124 (3.3%)	169 (2.6%)
None of these/Other	116 (3.1%)	85 (1.3%)
(Missing)	22 (0.6%)	104 (1.6%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	110 (2.9%)	170 (2.6%)
Once a week	923 (24.4%)	2,374 (35.9%)
One to three times a month	709 (18.7%)	1,357 (20.5%)
A few times a year	1,260 (33.3%)	1,818 (27.5%)
Never	748 (19.8%)	853 (12.9%)
(Missing)	34 (0.9%)	43 (0.6%)
<i>Immigration status, n (%)</i>		

Table S24c. Unweighted summary statistics for demographic and childhood variables in Poland by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,785	Retained-Observed in Wave 2 N = 6,615
Born in this country	3,703 (97.8%)	6,567 (99.3%)
Born in another country	68 (1.8%)	41 (0.6%)
(Missing)	14 (0.4%)	6 (0.1%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	3,066 (81.0%)	5,935 (89.7%)
Parents were divorced	255 (6.7%)	339 (5.1%)
Parents were never married	113 (3.0%)	85 (1.3%)
One or both of them had died	156 (4.1%)	145 (2.2%)
Unsure	136 (3.6%)	85 (1.3%)
(Missing)	59 (1.5%)	27 (0.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,540 (40.7%)	3,206 (48.5%)
One to three times a month	1,003 (26.5%)	1,707 (25.8%)
Less than once a month	939 (24.8%)	1,238 (18.7%)
Never	176 (4.7%)	172 (2.6%)
(Missing)	127 (3.4%)	292 (4.4%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	1,488 (39.3%)	3,451 (52.2%)
Somewhat good	2,032 (53.7%)	2,929 (44.3%)
Somewhat bad	144 (3.8%)	131 (2.0%)
Very bad	32 (0.9%)	21 (0.3%)
(Does not apply)	51 (1.3%)	25 (0.4%)
(Missing)	37 (1.0%)	57 (0.9%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,229 (32.5%)	3,034 (45.9%)
Somewhat good	2,014 (53.2%)	2,973 (44.9%)
Somewhat bad	251 (6.6%)	252 (3.8%)
Very bad	43 (1.1%)	45 (0.7%)
(Does not apply)	184 (4.9%)	212 (3.2%)
(Missing)	65 (1.7%)	99 (1.5%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	210 (5.5%)	273 (4.1%)
No	3,432 (90.7%)	6,230 (94.2%)
(Missing)	143 (3.8%)	113 (1.7%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	135 (3.6%)	180 (2.7%)
No	3,622 (95.7%)	6,412 (96.9%)
(Missing)	27 (0.7%)	23 (0.4%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	793 (20.9%)	1,916 (29.0%)
Very good	2,022 (53.4%)	3,350 (50.6%)
Good	727 (19.2%)	1,054 (15.9%)
Fair	179 (4.7%)	219 (3.3%)
Poor	51 (1.3%)	57 (0.9%)
(Missing)	15 (0.4%)	19 (0.3%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	591 (15.6%)	817 (12.4%)

Table S24c. Unweighted summary statistics for demographic and childhood variables in Poland by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,785	Retained-Observed in Wave 2 N = 6,615
Got by	2,219 (58.6%)	4,071 (61.5%)
Found it difficult	748 (19.8%)	1,399 (21.1%)
Found it very difficult	183 (4.8%)	277 (4.2%)
(Missing)	44 (1.2%)	51 (0.8%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	3,591 (94.9%)	6,286 (95.0%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	3 (0.1%)	2 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	1 (0.0%)	1 (0.0%)
Hinduism	0 (0%)	0 (0%)
Buddhism	1 (0.0%)	1 (0.0%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	1 (0.0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	168 (4.4%)	316 (4.8%)
(Missing)	20 (0.5%)	7 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S24d. Unweighted summary statistics for Wave 1 outcome variables in Poland by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,785	Wave 2 N = 6,615
<i>Secure flourishing index</i>		
Mean	7.3	7.7
Standard Deviation	1.4	1.2
Min, Max	1.3, 10.0	0.3, 10.0
(Missing)	294 (7.8%)	225 (3.4%)
<i>Flourishing index</i>		
Mean	7.4	7.8
Standard Deviation	1.4	1.2
Min, Max	1.4, 10.0	0.3, 10.0
(Missing)	260 (6.9%)	196 (3.0%)
<i>Happiness & life satisfaction</i>		
Mean	7.2	7.8
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	68 (1.8%)	44 (0.7%)
<i>Physical & mental health</i>		
Mean	7.6	8.1
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.6%)	17 (0.3%)
<i>Meaning & purpose</i>		
Mean	7.6	7.9
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (1.3%)	41 (0.6%)
<i>Character & virtue</i>		
Mean	7.3	7.4
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	68 (1.8%)	25 (0.4%)
<i>Close social relationships</i>		
Mean	7.5	7.8
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	108 (2.9%)	98 (1.5%)
<i>Financial & material security</i>		
Mean	6.8	7.4
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	58 (1.5%)	40 (0.6%)
<i>Life satisfaction</i>		
Mean	7.2	7.7
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	59 (1.5%)	40 (0.6%)
<i>Happiness</i>		
Mean	7.3	7.8
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0

Table S24d. Unweighted summary statistics for Wave 1 outcome variables in Poland by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 3,785	Wave 2 N = 6,615
(Missing)	10 (0.3%)	4 (<0.1%)
<i>Self-rated physical health</i>		
Mean	7.4	7.9
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	11 (0.2%)
<i>Self-rated mental health</i>		
Mean	7.8	8.3
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.4%)	6 (<0.1%)
<i>Understanding purpose</i>		
Mean	7.6	7.9
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	25 (0.4%)
<i>Meaningful activities</i>		
Mean	7.5	7.9
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (1.1%)	16 (0.2%)
<i>Orientation to promote good</i>		
Mean	7.7	8.1
Standard Deviation	1.7	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	43 (1.1%)	14 (0.2%)
<i>Delayed gratification</i>		
Mean	6.9	6.7
Standard Deviation	2.2	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	41 (1.1%)	14 (0.2%)
<i>Relationship contentment</i>		
Mean	7.6	7.9
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	62 (1.6%)	56 (0.8%)
<i>Relationship satisfaction</i>		
Mean	7.5	7.7
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	62 (1.6%)	47 (0.7%)
<i>Financial security</i>		
Mean	6.7	7.2
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.6%)	15 (0.2%)
<i>Material security</i>		
Mean	7.0	7.6
Standard Deviation	2.4	2.3

Table S24d. Unweighted summary statistics for Wave 1 outcome variables in Poland by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,785	Wave 2 N = 6,615
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	54 (1.4%)	26 (0.4%)
<i>Current life evaluation</i>		
Mean	7.0	7.2
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	15 (0.2%)
<i>Future life evaluation</i>		
Mean	7.4	7.4
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	75 (2.0%)	72 (1.1%)
<i>Optimism</i>		
Mean	7.6	7.8
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.7%)	7 (0.1%)
<i>Freedom to pursue what's important</i>		
Mean	7.4	7.8
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.8%)	28 (0.4%)
<i>Inner peace, n (%)</i>		
Always	427 (11.3%)	1,251 (18.9%)
Often	2,319 (61.3%)	4,137 (62.5%)
Rarely	867 (22.9%)	1,066 (16.1%)
Never	126 (3.3%)	127 (1.9%)
(Missing)	45 (1.2%)	33 (0.5%)
<i>Life balance, n (%)</i>		
Always	460 (12.2%)	1,194 (18.1%)
Often	2,313 (61.1%)	4,206 (63.6%)
Rarely	854 (22.6%)	1,053 (15.9%)
Never	121 (3.2%)	137 (2.1%)
(Missing)	36 (1.0%)	25 (0.4%)
<i>Sense of mastery, n (%)</i>		
Always	875 (23.1%)	2,068 (31.3%)
Often	2,100 (55.5%)	3,724 (56.3%)
Rarely	644 (17.0%)	639 (9.7%)
Never	119 (3.2%)	138 (2.1%)
(Missing)	46 (1.2%)	45 (0.7%)
<i>Traumatic distress, n (%)</i>		
A lot	130 (3.4%)	177 (2.7%)
Some	568 (15.0%)	763 (11.5%)
Not very much	1,278 (33.8%)	1,726 (26.1%)
Not at all	1,784 (47.1%)	3,924 (59.3%)
(Missing)	24 (0.6%)	25 (0.4%)
<i>Depression symptoms composite, n (%)</i>	732 (19.7%)	670 (10.2%)
(Missing)	60 (1.6%)	75 (1.1%)
<i>Depression – feel hopeless, n (%)</i>		

Table S24d. Unweighted summary statistics for Wave 1 outcome variables in Poland by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 3,785	N = 6,615
Nearly every day	129 (3.4%)	103 (1.6%)
More than half the days	365 (9.7%)	283 (4.3%)
Several days	1,007 (26.6%)	1,485 (22.4%)
Not at all	2,246 (59.3%)	4,700 (71.1%)
(Missing)	37 (1.0%)	44 (0.7%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	184 (4.9%)	185 (2.8%)
More than half the days	563 (14.9%)	577 (8.7%)
Several days	1,309 (34.6%)	1,882 (28.5%)
Not at all	1,701 (44.9%)	3,938 (59.5%)
(Missing)	28 (0.7%)	32 (0.5%)
<i>Anxiety symptoms composite, n (%)</i>	636 (17.0%)	618 (9.4%)
(Missing)	46 (1.2%)	55 (0.8%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	160 (4.2%)	151 (2.3%)
More than half the days	436 (11.5%)	426 (6.4%)
Several days	1,620 (42.8%)	2,505 (37.9%)
Not at all	1,539 (40.7%)	3,502 (52.9%)
(Missing)	28 (0.8%)	30 (0.5%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	126 (3.3%)	119 (1.8%)
More than half the days	338 (8.9%)	322 (4.9%)
Several days	994 (26.3%)	1,311 (19.8%)
Not at all	2,304 (60.9%)	4,835 (73.1%)
(Missing)	22 (0.6%)	27 (0.4%)
<i>Suffering, n (%)</i>		
A lot	114 (3.0%)	105 (1.6%)
Some	837 (22.1%)	1,445 (21.8%)
Not very much	1,532 (40.5%)	2,189 (33.1%)
Not at all	1,287 (34.0%)	2,847 (43.0%)
(Missing)	15 (0.4%)	28 (0.4%)
<i>Social support</i>		
Mean	7.7	8.3
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.5%)	32 (0.5%)
<i>Intimate/close friend, n (%)</i>		
Yes	3,108 (82.1%)	5,818 (88.0%)
No	587 (15.5%)	722 (10.9%)
(Missing)	90 (2.4%)	75 (1.1%)
<i>Government approval, n (%)</i>		
Strongly approve	384 (10.1%)	984 (14.9%)
Somewhat approve	744 (19.6%)	1,260 (19.0%)
Neither approve nor disapprove	820 (21.7%)	1,282 (19.4%)
Somewhat disapprove	783 (20.7%)	1,163 (17.6%)
Strongly disapprove	1,035 (27.4%)	1,902 (28.7%)
(Missing)	19 (0.5%)	24 (0.4%)
<i>Say in government, n (%)</i>		
Agree	940 (24.8%)	1,767 (26.7%)

Table S24d. Unweighted summary statistics for Wave 1 outcome variables in Poland by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,785	N = 6,615
Disagree	2,033 (53.7%)	3,819 (57.7%)
Unsure	782 (20.7%)	1,003 (15.2%)
(Missing)	30 (0.8%)	26 (0.4%)
<i>Belonging in country</i>		
Mean	7.3	8.0
Standard Deviation	2.4	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.6%)	15 (0.2%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	3,206 (84.7%)	5,915 (89.4%)
Dissatisfied	294 (7.8%)	361 (5.5%)
Unsure	277 (7.3%)	335 (5.1%)
(Missing)	8 (0.2%)	5 (0.1%)
<i>Trust within country, n (%)</i>		
All people	42 (1.1%)	45 (0.7%)
Most people	756 (20.0%)	1,525 (23.1%)
Some people	1,618 (42.8%)	2,698 (40.8%)
Not very many people	1,165 (30.8%)	2,099 (31.7%)
None	143 (3.8%)	193 (2.9%)
(Missing)	60 (1.6%)	55 (0.8%)
<i>Number of children</i>		
Mean	0.5	0.5
Standard Deviation	0.9	0.9
Min, Max	0.0, 6.0	0.0, 11.0
(Missing)	35 (0.9%)	121 (1.8%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	134 (3.5%)	134 (2.0%)
Once a week	380 (10.0%)	352 (5.3%)
One to three times a month	443 (11.7%)	714 (10.8%)
A few times a year	1,043 (27.6%)	2,015 (30.5%)
Never	1,749 (46.2%)	3,375 (51.0%)
(Missing)	35 (0.9%)	25 (0.4%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	110 (2.9%)	170 (2.6%)
Once a week	923 (24.4%)	2,374 (35.9%)
One to three times a month	709 (18.7%)	1,357 (20.5%)
A few times a year	1,260 (33.3%)	1,818 (27.5%)
Never	748 (19.8%)	853 (12.9%)
(Missing)	34 (0.9%)	43 (0.6%)
<i>Loneliness</i>		
Mean	2.9	2.1
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	48 (1.3%)	15 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	87 (2.3%)	103 (1.6%)
Often	595 (15.7%)	502 (7.6%)
Rarely	1,176 (31.1%)	1,581 (23.9%)
Never	1,912 (50.5%)	4,420 (66.8%)

Table S24d. Unweighted summary statistics for Wave 1 outcome variables in Poland by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,785	N = 6,615
(Missing)	14 (0.4%)	9 (0.1%)
<i>Hope</i>		
Mean	7.7	8.1
Standard Deviation	1.9	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	33 (0.9%)	13 (0.2%)
<i>Gratitude</i>		
Mean	7.2	7.5
Standard Deviation	2.0	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	89 (2.4%)	27 (0.4%)
<i>Showing love/care</i>		
Mean	7.6	8.0
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.8%)	8 (0.1%)
<i>Forgivingness, n (%)</i>		
Always	453 (12.0%)	1,265 (19.1%)
Often	1,893 (50.0%)	3,144 (47.5%)
Rarely	1,114 (29.4%)	1,707 (25.8%)
Never	280 (7.4%)	482 (7.3%)
(Missing)	44 (1.2%)	18 (0.3%)
<i>Charitable giving, n (%)</i>		
Yes	806 (21.3%)	1,294 (19.6%)
No	2,945 (77.8%)	5,300 (80.1%)
(Missing)	34 (0.9%)	21 (0.3%)
<i>Helping strangers, n (%)</i>		
Yes	1,114 (29.4%)	1,518 (22.9%)
No	2,525 (66.7%)	5,043 (76.2%)
(Missing)	146 (3.9%)	54 (0.8%)
<i>Volunteering, n (%)</i>		
Yes	363 (9.6%)	505 (7.6%)
No	3,377 (89.2%)	6,079 (91.9%)
(Missing)	44 (1.2%)	30 (0.5%)
<i>Health problems, n (%)</i>		
Yes	539 (14.2%)	801 (12.1%)
No	3,215 (84.9%)	5,774 (87.3%)
(Missing)	31 (0.8%)	40 (0.6%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	225 (6.0%)	262 (4.0%)
Some	1,002 (26.5%)	1,812 (27.4%)
Not very much	1,348 (35.6%)	1,855 (28.0%)
None at all	1,199 (31.7%)	2,672 (40.4%)
(Missing)	11 (0.3%)	13 (0.2%)
<i>Number of drinks per week</i>		
Mean	2.4	1.8
Standard Deviation	4.2	2.8
Min, Max	0.0, 97.0	0.0, 50.0
(Missing)	83 (2.2%)	45 (0.7%)

Table S24d. Unweighted summary statistics for Wave 1 outcome variables in Poland by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,785	Wave 2 N = 6,615
<i>Days exercise per week</i>		
Mean	1.6	1.3
Standard Deviation	2.0	1.8
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	49 (1.3%)	58 (0.9%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	324 (8.6%)	415 (6.3%)
9-15	2,447 (64.7%)	4,271 (64.6%)
16+	1,012 (26.7%)	1,929 (29.2%)
(Missing)	1 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	2,142 (56.6%)	3,548 (53.6%)
Self-employed	265 (7.0%)	386 (5.8%)
Retired	761 (20.1%)	1,745 (26.4%)
Student	208 (5.5%)	354 (5.3%)
Homemaker	145 (3.8%)	225 (3.4%)
Unemployed and looking for a job	124 (3.3%)	169 (2.6%)
None of these/Other	116 (3.1%)	85 (1.3%)
(Missing)	22 (0.6%)	104 (1.6%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	710 (18.8%)	1,087 (16.4%)
Getting by on present income	2,106 (55.6%)	4,245 (64.2%)
Finding it difficult on present income	697 (18.4%)	1,088 (16.4%)
Finding it very difficult on present income	205 (5.4%)	140 (2.1%)
(Missing)	67 (1.8%)	55 (0.8%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	2,463 (65.1%)	5,058 (76.5%)
Someone in this household rents this home	655 (17.3%)	670 (10.1%)
Both	168 (4.4%)	93 (1.4%)
Neither	451 (11.9%)	756 (11.4%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	48 (1.3%)	38 (0.6%)
<i>Religious/spiritual connection, n (%)</i>		
Always	518 (13.7%)	1,510 (22.8%)
Often	1,328 (35.1%)	2,409 (36.4%)
Rarely	1,275 (33.7%)	1,759 (26.6%)
Never	625 (16.5%)	909 (13.7%)
(Missing)	37 (1.0%)	28 (0.4%)
<i>Belief in life after death, n (%)</i>		
Yes	1,720 (45.4%)	4,197 (63.4%)
No	1,085 (28.7%)	1,085 (16.4%)
Unsure	945 (25.0%)	1,303 (19.7%)
(Missing)	35 (0.9%)	30 (0.5%)
<i>Transformative religious experience, n (%)</i>		
Yes	361 (9.5%)	490 (7.4%)
No	3,403 (89.9%)	6,106 (92.3%)
(Missing)	21 (0.6%)	19 (0.3%)

Table S24d. Unweighted summary statistics for Wave 1 outcome variables in Poland by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,785	Wave 2 N = 6,615
<i>Religious reading or listening, n (%)</i>		
More than once a day	47 (1.3%)	46 (0.7%)
About once a day	333 (8.8%)	398 (6.0%)
Sometimes	1,671 (44.2%)	3,441 (52.0%)
Never	1,697 (44.8%)	2,687 (40.6%)
(Missing)	36 (1.0%)	43 (0.7%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	171 (4.5%)	534 (8.1%)
About once a day	656 (17.3%)	1,563 (23.6%)
Sometimes	1,765 (46.6%)	2,984 (45.1%)
Never	1,166 (30.8%)	1,509 (22.8%)
(Missing)	26 (0.7%)	25 (0.4%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	2,553 (67.4%)	5,415 (81.9%)
More than one god	67 (1.8%)	30 (0.5%)
An impersonal spiritual force	226 (6.0%)	218 (3.3%)
None of these	469 (12.4%)	423 (6.4%)
Unsure	435 (11.5%)	499 (7.5%)
(Missing)	35 (0.9%)	30 (0.4%)
<i>Religious centrality, n (%)</i>		
Agree	1,298 (34.3%)	3,228 (48.8%)
Disagree	968 (25.6%)	1,450 (21.9%)
Not relevant	586 (15.5%)	642 (9.7%)
Unsure	864 (22.8%)	1,258 (19.0%)
(Missing)	68 (1.8%)	37 (0.6%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,447 (38.2%)	3,489 (52.7%)
Disagree	859 (22.7%)	1,141 (17.3%)
Not relevant	554 (14.6%)	634 (9.6%)
Unsure	851 (22.5%)	1,305 (19.7%)
(Missing)	74 (2.0%)	45 (0.7%)
<i>Feel loved by God, n (%)</i>		
Agree	1,486 (39.3%)	3,474 (52.5%)
Disagree	754 (19.9%)	805 (12.2%)
Not relevant	544 (14.4%)	626 (9.5%)
Unsure	910 (24.0%)	1,651 (25.0%)
(Missing)	91 (2.4%)	59 (0.9%)
<i>Feel punished by God, n (%)</i>		
Agree	543 (14.4%)	1,220 (18.4%)
Disagree	1,640 (43.3%)	2,987 (45.2%)
Not relevant	571 (15.1%)	689 (10.4%)
Unsure	943 (24.9%)	1,651 (25.0%)
(Missing)	87 (2.3%)	67 (1.0%)
<i>Experienced religious criticism, n (%)</i>		
Agree	399 (10.5%)	863 (13.1%)
Disagree	1,704 (45.0%)	3,278 (49.6%)
Not relevant	777 (20.5%)	1,224 (18.5%)
Unsure	820 (21.7%)	1,189 (18.0%)
(Missing)	86 (2.3%)	60 (0.9%)

Table S24d. Unweighted summary statistics for Wave 1 outcome variables in Poland by retention status.

Outcome	Attrititors–NotRetained–Observed in	
	Observed in Wave 2 N = 3,785	Wave 2 N = 6,615
<i>Faith-sharing, n (%)</i>		
Agree	1,046 (27.7%)	1,997 (30.2%)
Disagree	1,168 (30.9%)	2,648 (40.0%)
Not relevant	707 (18.7%)	942 (14.2%)
Unsure	801 (21.2%)	1,002 (15.2%)
(Missing)	63 (1.7%)	25 (0.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S24e. Summary of fitted attrition model in Poland

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.83	0.75, 0.93	0.001
Recruitment Survey Mode			
<i>CAPI</i>	—	—	
<i>CATI</i>	1.48	1.16, 1.90	0.002
Happiness & life satisfaction	1.23	1.09, 1.38	6.51e-04
Physical & mental health	1.22	1.08, 1.37	0.001
Meaning & purpose	0.92	0.81, 1.05	0.218
Character & virtue	0.95	0.86, 1.05	0.277
Close social relationships	0.81	0.74, 0.90	3.52e-05
Financial & material security	0.94	0.84, 1.05	0.288
Extraversion	1.11	1.03, 1.20	0.007
Openness to experience	0.86	0.78, 0.95	0.002
Agreeableness	1.22	1.12, 1.33	6.46e-06
Conscientiousness	1.04	0.96, 1.14	0.333
Neuroticism	0.98	0.91, 1.07	0.701
Depression symptoms composite	0.89	0.82, 0.97	0.008
Anxiety symptoms composite	0.98	0.91, 1.07	0.711
Loneliness	0.85	0.77, 0.94	0.002
Days exercise per week	0.87	0.80, 0.95	0.002
Year of birth (age group)			
<i>1983-1993 (current age: 30-39 years)</i>	—	—	
<i>1973-1983 (current age: 40-49 years)</i>	0.98	0.83, 1.15	0.769
<i>1963-1973 (current age: 50-59 years)</i>	1.21	1.02, 1.45	0.033
<i>1953-1963 (current age: 60-69 years)</i>	2.07	1.50, 2.86	1.07e-05
<i>1993-1998 (current age: 25-29 years)</i>	1.04	0.87, 1.25	0.664
<i>1998-2005 (current age: 18-24 years)</i>	1.15	0.85, 1.55	0.378
<i>1943-1953 (current age: 70-79 years)</i>	2.70	1.74, 4.20	1.03e-05
<i>1943 or earlier (current age: 80+ years)</i>	1.68	0.81, 3.49	0.167
Gender of respondent			
<i>Female</i>	—	—	
<i>Male</i>	0.93	0.82, 1.06	0.268
<i>Other</i>	0.37	0.05, 2.99	0.352
Marital status			
<i>Married</i>	—	—	
<i>Single/Never been married</i>	1.19	0.96, 1.48	0.113
<i>Domestic partner</i>	0.87	0.67, 1.13	0.295
<i>Widowed</i>	0.82	0.61, 1.11	0.203
<i>Divorced</i>	0.92	0.71, 1.18	0.510
<i>Separated</i>	0.93	0.56, 1.54	0.788
Employment status			
<i>Employed for an employer</i>	—	—	
<i>Retired</i>	1.20	0.86, 1.68	0.277
<i>Self-employed</i>	0.91	0.71, 1.16	0.429
<i>Student</i>	1.18	0.79, 1.76	0.418
<i>Homemaker</i>	1.20	0.87, 1.66	0.276
<i>Unemployed and looking for a job</i>	1.59	0.98, 2.59	0.060
<i>None of these/Other</i>	0.93	0.53, 1.63	0.794
Religious attendance			
<i>A few times a year</i>	—	—	
<i>Once a week</i>	1.42	1.09, 1.83	0.009
<i>One to three times a month</i>	1.31	1.06, 1.61	0.012
<i>Never</i>	0.84	0.65, 1.07	0.157

Table S24e. Summary of fitted attrition model in Poland

Characteristic	Odds Ratio	95% CI	p-value
<i>More than once a week</i>	1.13	0.75, 1.72	0.556
Educational attainment (16+ years)			
9-15	—	—	
16+	1.13	0.97, 1.32	0.113
<i>Up to 8</i>	1.28	0.80, 2.05	0.302
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.61	0.31, 1.19	0.149
Race plurality (prominent race/ethnic group [0] or not [1])	0.94	0.89, 0.99	0.018
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A large city</i>	1.27	0.90, 1.78	0.173
<i>A rural area or on a farm</i>	1.64	1.09, 2.45	0.017
<i>A suburb of a large city</i>	0.40	0.08, 1.99	0.265
Monthly household income			
<i>Poland: 6,001 – 8,000 PLN</i>	—	—	
<i>Poland: 5,001 – 6,000 PLN</i>	0.98	0.81, 1.17	0.805
<i>Poland: 8,001 – 10,000 PLN</i>	0.98	0.79, 1.20	0.825
<i>Poland: 4,001 – 5,000 PLN</i>	0.83	0.66, 1.05	0.116
<i>Poland: 3,501 – 4,000 PLN</i>	0.88	0.67, 1.17	0.377
<i>Poland: 10,001 – 15,000 PLN</i>	1.84	1.29, 2.62	7.72e-04
<i>Poland: 3,001 – 3,500 PLN</i>	0.70	0.51, 0.95	0.022
<i>Poland: 2,501 – 3,000 PLN</i>	0.58	0.41, 0.81	0.002
<i>Poland: 2,001 – 2,500 PLN</i>	0.44	0.29, 0.67	9.31e-05
<i>(None/No household income)</i>	0.72	0.34, 1.50	0.376
<i>Poland: 15,001 – 20,000 PLN</i>	1.12	0.67, 1.87	0.653
<i>Poland: 1,501 – 2,000 PLN</i>	0.45	0.26, 0.78	0.004
<i>Poland: More than 20,000 PLN</i>	0.77	0.43, 1.38	0.378
<i>Poland: 1,001 – 1,500 PLN</i>	0.21	0.09, 0.47	1.60e-04
<i>Poland: 501 – 1,000 PLN</i>	0.48	0.18, 1.31	0.152
<i>Poland: 100 PLN or less</i>	0.34	0.04, 3.08	0.340
<i>Poland: 101 – 500 PLN</i>	0.48	0.02, 14.5	0.671

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=10389; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S24f. Summary of principal components in Poland

PC	Percent Explained by each PC	Cumulative Percent Explained
1	29.19	29.19
2	6.73	35.92
3	5.75	41.67
4	2.47	44.15
5	2.23	46.37
6	1.91	48.28
7	1.88	50.16
8	1.64	51.79
9	1.54	53.34
10	1.48	54.81
11	1.38	56.19
12	1.34	57.53
13	1.30	58.83
14	1.27	60.10
15	1.21	61.31
16	1.19	62.50
17	1.14	63.64
18	1.08	64.72
19	1.04	65.77
20	1.02	66.79

Notes. N=10389; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S24g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Poland

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.53	(0.50,0.57)	0.02	2.22e-16***	0.39	(0.35,0.43)	0.02	2.22e-16***
Flourishing index	0.52	(0.48,0.55)	0.02	2.22e-16***	0.35	(0.31,0.39)	0.02	2.22e-16***
Happiness & life satisfaction	0.43	(0.39,0.47)	0.02	2.22e-16***	0.19	(0.16,0.23)	0.02	2.22e-16***
Physical & mental health	0.47	(0.43,0.51)	0.02	2.22e-16***	0.25	(0.21,0.29)	0.02	2.22e-16***
Meaning & purpose	0.44	(0.40,0.49)	0.02	2.22e-16***	0.24	(0.20,0.28)	0.02	2.22e-16***
Character & virtue	0.24	(0.19,0.28)	0.02	2.22e-16***	0.08	(0.04,0.11)	0.02	5.41e-06***
Close social relationships	0.40	(0.36,0.43)	0.02	2.22e-16***	0.17	(0.13,0.20)	0.02	2.22e-16***
Financial & material security	0.32	(0.28,0.35)	0.02	2.22e-16***	0.10	(0.07,0.13)	0.02	1.98e-10***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.40	(0.36,0.44)	0.02	2.22e-16***	0.16	(0.13,0.20)	0.02	2.22e-16***
Happiness (a)	0.39	(0.35,0.43)	0.02	2.22e-16***	0.15	(0.12,0.18)	0.02	2.22e-16***
Self-rated physical health (b)	0.41	(0.37,0.45)	0.02	2.22e-16***	0.19	(0.15,0.22)	0.02	2.22e-16***
Self-rated mental health (b)	0.43	(0.39,0.46)	0.02	2.22e-16***	0.21	(0.17,0.24)	0.02	2.22e-16***
Understanding purpose (c)	0.36	(0.30,0.41)	0.03	2.22e-16***	0.16	(0.12,0.19)	0.02	2.22e-16***
Meaningful activities (c)	0.42	(0.38,0.46)	0.02	2.22e-16***	0.22	(0.19,0.25)	0.02	2.22e-16***
Orientation to promote good (d)	0.33	(0.29,0.36)	0.02	2.22e-16***	0.14	(0.11,0.17)	0.02	2.22e-16***
Delayed gratification (d)	0.11	(0.06,0.16)	0.02	2.05e-06***	0.02	(-0.02,0.05)	0.02	0.310
Relationship contentment (e)	0.37	(0.34,0.41)	0.02	2.22e-16***	0.14	(0.11,0.17)	0.02	2.22e-16***
Relationship satisfaction (e)	0.36	(0.32,0.40)	0.02	2.22e-16***	0.13	(0.10,0.17)	0.02	1.7e-13***
Financial security (f)	0.28	(0.25,0.31)	0.02	2.22e-16***	0.06	(0.03,0.09)	0.02	1.49e-04***
Material security (f)	0.32	(0.28,0.35)	0.02	2.22e-16***	0.09	(0.06,0.12)	0.01	6.45e-09***
<i>Psychological Well-Being</i>								
Current life evaluation	0.22	(0.18,0.26)	0.02	2.22e-16***	0.04	(0.01,0.07)	0.01	4.3e-03**
Future life evaluation	0.27	(0.23,0.31)	0.02	2.22e-16***	0.08	(0.05,0.11)	0.02	1.04e-06***
Optimism	0.37	(0.33,0.40)	0.02	2.22e-16***	0.17	(0.14,0.20)	0.02	2.22e-16***
Freedom to pursue what's important	0.35	(0.32,0.39)	0.02	2.22e-16***	0.14	(0.10,0.17)	0.02	2.22e-16***
Inner peace	0.24	(0.20,0.27)	0.02	2.22e-16***	0.02	(-0.01,0.05)	0.01	0.159
Life balance	0.26	(0.22,0.29)	0.02	2.22e-16***	0.04	(0.01,0.07)	0.01	3.09e-03**
Sense of mastery	0.23	(0.19,0.27)	0.02	2.22e-16***	0.04	(0.02,0.07)	0.01	2.12e-03**
<i>Psychological Distress</i>								
Traumatic distress	-0.16	(-0.19,-0.13)	0.02	2.22e-16***	0.00	(-0.02,0.03)	0.01	0.772
Depression symptoms composite	-0.21	(-0.24,-0.17)	0.02	2.22e-16***	0.01	(-0.02,0.04)	0.02	0.695
Depression – feel hopeless	-0.20	(-0.23,-0.17)	0.02	2.22e-16***	0.02	(-0.01,0.05)	0.02	0.271
Depression – loss of interest	-0.18	(-0.21,-0.14)	0.02	2.22e-16***	-0.01	(-0.04,0.02)	0.01	0.396
Anxiety symptoms composite	-0.25	(-0.29,-0.22)	0.02	2.22e-16***	-0.02	(-0.05,0.01)	0.01	0.141
Anxiety – feel on edge	-0.20	(-0.24,-0.17)	0.02	2.22e-16***	0.02	(-0.01,0.05)	0.02	0.237
Anxiety – cannot stop worrying	-0.24	(-0.27,-0.21)	0.02	2.22e-16***	-0.04	(-0.07,-0.01)	0.02	0.009*
Suffering	-0.22	(-0.25,-0.18)	0.02	2.22e-16***	-0.01	(-0.03,0.02)	0.01	0.652
<i>Social Well-Being</i>								
Social support	0.36	(0.32,0.40)	0.02	2.22e-16***	0.12	(0.09,0.15)	0.02	1.58e-13***
Intimate/close friend	0.11	(0.08,0.15)	0.02	6.85e-10***	0.04	(0.01,0.07)	0.01	0.006*
Government approval	-0.03	(-0.06,0.01)	0.02	0.128	-0.02	(-0.05,0.01)	0.01	0.143
Say in government	-0.00	(-0.04,0.03)	0.02	0.769	0.02	(-0.01,0.04)	0.01	0.191
Belonging in country	0.15	(0.12,0.19)	0.02	2.22e-16***	0.03	(-0.00,0.06)	0.01	0.074
City/place satisfaction	0.03	(-0.00,0.05)	0.01	0.056	0.00	(-0.02,0.02)	0.01	0.917
Trust within country	0.12	(0.09,0.15)	0.01	2.22e-16***	0.07	(0.05,0.10)	0.01	3.31e-09***
<i>Social Participation</i>								
Ever been married	0.00	(-0.05,0.06)	0.03	0.873	0.02	(-0.03,0.07)	0.02	0.424
Currently divorced	-0.04	(-0.08,-0.01)	0.02	0.013*	-0.01	(-0.04,0.02)	0.01	0.509
Number of children	0.07	(0.03,0.10)	0.02	3.45e-05***	0.02	(-0.00,0.04)	0.01	0.075
Weekly+ community participation	-0.04	(-0.07,-0.01)	0.02	0.010*	0.00	(-0.02,0.02)	0.01	0.954
Weekly+ religious attendance	0.07	(0.04,0.10)	0.02	9.54e-06***	0.07	(0.04,0.10)	0.01	1.28e-06***
<i>Social Distress</i>								
Loneliness	-0.35	(-0.39,-0.31)	0.02	2.22e-16***	-0.12	(-0.16,-0.09)	0.02	6.01e-13***
Perceived discrimination	-0.09	(-0.12,-0.06)	0.02	1.2e-08***	0.01	(-0.02,0.03)	0.01	0.483
<i>Character & Prosocial Behavior</i>								
Hope	0.40	(0.36,0.44)	0.02	2.22e-16***	0.19	(0.15,0.23)	0.02	2.22e-16***
Gratitude	0.31	(0.28,0.35)	0.02	2.22e-16***	0.13	(0.11,0.16)	0.01	2.22e-16***
Showing love/care	0.31	(0.26,0.36)	0.03	2.22e-16***	0.10	(0.06,0.14)	0.02	1.48e-06***
Forgivingness	0.09	(0.06,0.12)	0.02	8.86e-09***	0.04	(0.01,0.06)	0.01	2.45e-03**
Charitable giving	0.05	(0.02,0.07)	0.01	1.19e-03**	0.03	(0.01,0.05)	0.01	0.008*
Helping strangers	-0.04	(-0.07,-0.01)	0.01	3.62e-03**	-0.02	(-0.04,0.00)	0.01	0.108
Volunteering	-0.02	(-0.05,0.01)	0.02	0.178	-0.02	(-0.04,0.00)	0.01	0.070
<i>Physical Health & Health Behavior</i>								
Health problems	-0.12	(-0.15,-0.08)	0.02	2.66e-10***	0.03	(-0.00,0.05)	0.01	0.085
Pain in past 4 weeks	-0.22	(-0.25,-0.19)	0.02	2.22e-16***	-0.05	(-0.08,-0.02)	0.01	2.68e-04***
Daily smoker	-0.02	(-0.05,0.01)	0.02	0.268	-0.00	(-0.02,0.02)	0.01	0.923
Number of drinks per week	0.02	(-0.01,0.05)	0.02	0.196	0.04	(0.02,0.06)	0.01	9.71e-05***
Days exercise per week	0.06	(0.02,0.09)	0.02	5.59e-04***	-0.00	(-0.03,0.02)	0.01	0.877
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.05	(0.03,0.08)	0.01	8.72e-05***	0.01	(-0.01,0.03)	0.01	0.254
Currently employed	0.05	(0.01,0.09)	0.02	0.023*	0.06	(0.02,0.09)	0.02	6.73e-04**
Financially comfortable/getting by	0.19	(0.15,0.22)	0.02	2.22e-16***	0.04	(0.02,0.07)	0.01	1.33e-03**
Own home	0.09	(0.06,0.12)	0.02	8.33e-09***	0.03	(0.00,0.06)	0.01	0.025*
Income – top quintile	0.05	(0.02,0.08)	0.01	3.92e-04***	0.00	(-0.02,0.02)	0.01	0.864
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.08	(0.04,0.11)	0.02	1.44e-05***	0.01	(-0.01,0.04)	0.01	0.343
Belief in life after death	-0.04	(-0.07,-0.00)	0.02	0.046*	-0.03	(-0.06,0.00)	0.01	0.052
Transformative religious experience	-0.08	(-0.12,-0.05)	0.02	2.31e-06***	-0.01	(-0.04,0.02)	0.02	0.696
Religious reading or listening	-0.08	(-0.11,-0.05)	0.02	2.78e-06***	-0.01	(-0.04,0.02)	0.02	0.658
Prayer or meditation	-0.05	(-0.08,-0.02)	0.02	3.69e-03**	0.00	(-0.03,0.03)	0.01	0.917
Belief in God/gods/spiritual forces	-0.03	(-0.06,0.00)	0.02	0.075	-0.02	(-0.05,0.01)	0.01	0.138
Religious centrality	0.03	(-0.00,0.06)	0.02	0.054	0.05	(0.02,0.08)	0.02	9.67e-04**
Religious/spiritual comfort	-0.00	(-0.04,0.03)	0.02	0.783	0.02	(-0.01,0.05)	0.01	0.152
Feel loved by God	0.02	(-0.01,0.06)	0.02	0.154	0.02	(-0.01,0.04)	0.01	0.239
Feel punished by God	-0.10	(-0.13,-0.07)	0.02	1.08e-09***	0.00	(-0.02,0.03)	0.01	0.809
Experienced religious criticism	-0.09	(-0.11,-0.06)	0.01	1.98e-10***	-0.03	(-0.06,-0.01)	0.01	0.006*
Faith-sharing	-0.07	(-0.10,-0.04)	0.02	3.19e-06***	-0.03	(-0.05,-0.00)	0.01	0.030*

Notes. N=10389; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S24h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Poland using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.48	(0.43,0.53)	0.03	2.22e-16***	0.35	(0.29,0.41)	0.03	2.22e-16***
Flourishing index	0.46	(0.41,0.52)	0.03	2.22e-16***	0.31	(0.26,0.37)	0.03	2.22e-16***
Happiness & life satisfaction	0.39	(0.34,0.44)	0.03	2.22e-16***	0.19	(0.15,0.24)	0.02	5.55e-16***
Physical & mental health	0.41	(0.35,0.47)	0.03	2.22e-16***	0.22	(0.16,0.29)	0.03	8.57e-13***
Meaning & purpose	0.39	(0.34,0.44)	0.03	2.22e-16***	0.22	(0.17,0.27)	0.02	2.22e-16***
Character & virtue	0.20	(0.14,0.26)	0.03	1.46e-11***	0.09	(0.04,0.14)	0.02	1.71e-04***
Close social relationships	0.36	(0.31,0.41)	0.03	2.22e-16***	0.17	(0.12,0.22)	0.03	6.86e-11***
Financial & material security	0.28	(0.23,0.32)	0.02	2.22e-16***	0.10	(0.06,0.14)	0.02	1.03e-06***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.37	(0.32,0.42)	0.03	2.22e-16***	0.17	(0.12,0.21)	0.02	3.37e-12***
Happiness (a)	0.36	(0.31,0.41)	0.03	2.22e-16***	0.15	(0.11,0.20)	0.02	8.06e-12***
Self-rated physical health (b)	0.36	(0.30,0.42)	0.03	2.22e-16***	0.17	(0.11,0.22)	0.03	2.69e-09***
Self-rated mental health (b)	0.38	(0.33,0.44)	0.03	2.22e-16***	0.19	(0.14,0.25)	0.03	1.7e-11***
Understanding purpose (c)	0.31	(0.25,0.36)	0.03	2.22e-16***	0.15	(0.10,0.19)	0.02	3.14e-11***
Meaningful activities (c)	0.37	(0.32,0.42)	0.02	2.22e-16***	0.20	(0.16,0.24)	0.02	2.22e-16***
Orientation to promote good (d)	0.29	(0.24,0.34)	0.03	2.22e-16***	0.15	(0.10,0.19)	0.02	4.31e-10***
Delayed gratification (d)	0.09	(0.03,0.14)	0.03	2.45e-03**	0.03	(-0.01,0.08)	0.02	0.136
Relationship contentment (e)	0.34	(0.29,0.39)	0.02	2.22e-16***	0.15	(0.10,0.19)	0.02	2.25e-10***
Relationship satisfaction (e)	0.33	(0.27,0.39)	0.03	2.22e-16***	0.14	(0.09,0.20)	0.03	4.02e-07***
Financial security (f)	0.24	(0.20,0.29)	0.02	2.22e-16***	0.07	(0.03,0.11)	0.02	4.05e-04***
Material security (f)	0.27	(0.23,0.32)	0.02	2.22e-16***	0.08	(0.04,0.12)	0.02	5.04e-05***
<i>Psychological Well-Being</i>								
Current life evaluation	0.20	(0.15,0.25)	0.02	2.22e-16***	0.04	(0.01,0.08)	0.02	0.015*
Future life evaluation	0.24	(0.19,0.30)	0.03	2.22e-16***	0.09	(0.04,0.13)	0.02	1.15e-04***
Optimism	0.32	(0.27,0.37)	0.03	2.22e-16***	0.15	(0.10,0.19)	0.02	1.43e-11***
Freedom to pursue what's important	0.31	(0.26,0.36)	0.03	2.22e-16***	0.13	(0.09,0.17)	0.02	7.64e-10***
Inner peace	0.24	(0.19,0.28)	0.02	2.22e-16***	0.03	(-0.01,0.07)	0.02	0.156
Life balance	0.27	(0.22,0.31)	0.02	2.22e-16***	0.07	(0.03,0.10)	0.02	1.27e-03**
Sense of mastery	0.20	(0.16,0.24)	0.02	2.22e-16***	0.03	(-0.01,0.07)	0.02	0.154
<i>Psychological Distress</i>								
Traumatic distress	-0.14	(-0.19,-0.10)	0.02	4.28e-10***	0.02	(-0.02,0.06)	0.02	0.375
Depression symptoms composite	-0.20	(-0.25,-0.15)	0.03	1.22e-14***	0.02	(-0.03,0.06)	0.02	0.438
Depression – feel hopeless	-0.21	(-0.25,-0.16)	0.02	2.22e-16***	0.02	(-0.02,0.07)	0.02	0.351
Depression – loss of interest	-0.16	(-0.21,-0.12)	0.02	3.12e-11***	0.02	(-0.02,0.06)	0.02	0.353
Anxiety symptoms composite	-0.25	(-0.30,-0.21)	0.02	2.22e-16***	-0.02	(-0.07,0.02)	0.02	0.258
Anxiety – feel on edge	-0.21	(-0.26,-0.16)	0.02	2.22e-16***	0.02	(-0.02,0.07)	0.02	0.326
Anxiety – cannot stop worrying	-0.24	(-0.29,-0.19)	0.02	2.22e-16***	-0.02	(-0.06,0.02)	0.02	0.379
Suffering	-0.21	(-0.26,-0.16)	0.02	2.22e-16***	-0.01	(-0.05,0.02)	0.02	0.414
<i>Social Well-Being</i>								
Social support	0.31	(0.26,0.36)	0.03	2.22e-16***	0.11	(0.06,0.15)	0.02	9.26e-07***
Intimate/close friend	0.10	(0.05,0.14)	0.02	2.29e-05***	0.03	(-0.00,0.07)	0.02	0.060
Government approval	-0.02	(-0.06,0.02)	0.02	0.439	0.00	(-0.04,0.04)	0.02	0.961
Say in government	0.00	(-0.04,0.04)	0.02	0.988	0.03	(-0.00,0.07)	0.02	0.055
Belonging in country	0.13	(0.09,0.17)	0.02	1.82e-09***	0.04	(-0.00,0.07)	0.02	0.061
City/place satisfaction	0.03	(-0.01,0.06)	0.02	0.103	0.00	(-0.02,0.03)	0.01	0.783
Trust within country	0.12	(0.08,0.16)	0.02	8.29e-10***	0.07	(0.04,0.10)	0.02	2.79e-05***
<i>Social Participation</i>								
Ever been married	0.01	(-0.07,0.10)	0.04	0.734	0.03	(-0.04,0.10)	0.04	0.432
Currently divorced	-0.03	(-0.08,0.01)	0.02	0.173	-0.01	(-0.05,0.04)	0.02	0.789
Number of children	0.09	(0.05,0.12)	0.02	1.89e-06***	0.04	(0.01,0.07)	0.02	0.022*
Weekly+ community participation	-0.03	(-0.07,0.02)	0.02	0.242	0.01	(-0.03,0.04)	0.02	0.761
Weekly+ religious attendance	0.08	(0.04,0.12)	0.02	1.26e-04***	0.07	(0.03,0.10)	0.02	8.15e-04**
<i>Social Distress</i>								
Loneliness	-0.33	(-0.38,-0.28)	0.03	2.22e-16***	-0.13	(-0.17,-0.08)	0.02	3.08e-08***
Perceived discrimination	-0.08	(-0.12,-0.03)	0.02	5.33e-04***	0.00	(-0.03,0.04)	0.02	0.823
<i>Character & Prosocial Behavior</i>								
Hope	0.36	(0.30,0.41)	0.03	2.22e-16***	0.19	(0.14,0.24)	0.02	2.82e-14***
Gratitude	0.29	(0.25,0.33)	0.02	2.22e-16***	0.15	(0.11,0.18)	0.02	2.66e-15***
Showing love/care	0.28	(0.22,0.35)	0.03	2.22e-16***	0.11	(0.05,0.17)	0.03	3.26e-04***
Forgivingness	0.09	(0.05,0.12)	0.02	1.23e-05***	0.04	(0.01,0.07)	0.02	0.023*
Charitable giving	0.06	(0.02,0.09)	0.02	2.13e-03**	0.03	(-0.00,0.06)	0.02	0.060
Helping strangers	-0.03	(-0.07,0.01)	0.02	0.104	-0.01	(-0.04,0.02)	0.01	0.492
Volunteering	-0.02	(-0.05,0.02)	0.02	0.414	-0.02	(-0.05,0.01)	0.01	0.134
<i>Physical Health & Health Behavior</i>								
Health problems	-0.11	(-0.16,-0.06)	0.02	5.03e-06***	0.02	(-0.02,0.06)	0.02	0.329
Pain in past 4 weeks	-0.20	(-0.24,-0.16)	0.02	2.22e-16***	-0.05	(-0.09,-0.02)	0.02	3.74e-03**
Daily smoker	-0.01	(-0.05,0.03)	0.02	0.644	0.01	(-0.03,0.04)	0.02	0.699
Number of drinks per week	0.01	(-0.04,0.05)	0.02	0.738	0.05	(0.02,0.08)	0.02	1.69e-03**
Days exercise per week	0.05	(0.01,0.10)	0.02	0.012*	0.01	(-0.02,0.04)	0.02	0.569
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.04	(0.01,0.08)	0.02	0.020*	0.01	(-0.02,0.04)	0.02	0.692
Currently employed	0.07	(0.02,0.13)	0.03	0.008*	0.07	(0.02,0.12)	0.02	3.84e-03**
Financially comfortable/getting by	0.15	(0.11,0.19)	0.02	1.73e-12***	0.03	(-0.01,0.06)	0.02	0.118
Own home	0.08	(0.04,0.12)	0.02	4.41e-05***	0.03	(-0.01,0.06)	0.02	0.146
Income – top quintile	0.05	(0.02,0.09)	0.02	0.007*	0.02	(-0.01,0.05)	0.02	0.267
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.09	(0.05,0.13)	0.02	4.17e-05***	0.02	(-0.01,0.06)	0.02	0.176
Belief in life after death	-0.03	(-0.08,0.01)	0.02	0.155	-0.03	(-0.07,0.01)	0.02	0.097
Transformative religious experience	-0.09	(-0.14,-0.04)	0.03	5.12e-04***	-0.01	(-0.05,0.04)	0.02	0.807
Religious reading or listening	-0.06	(-0.10,-0.02)	0.02	0.006*	-0.01	(-0.05,0.03)	0.02	0.668
Prayer or meditation	-0.03	(-0.07,0.01)	0.02	0.198	0.01	(-0.03,0.04)	0.02	0.670
Belief in God/gods/spiritual forces	-0.05	(-0.09,-0.00)	0.02	0.040*	-0.04	(-0.08,0.00)	0.02	0.055
Religious centrality	0.03	(-0.02,0.07)	0.02	0.232	0.04	(0.00,0.08)	0.02	0.034*
Religious/spiritual comfort	-0.02	(-0.05,0.02)	0.02	0.435	0.01	(-0.02,0.04)	0.02	0.629
Feel loved by God	0.02	(-0.02,0.06)	0.02	0.382	0.01	(-0.02,0.05)	0.02	0.415
Feel punished by God	-0.09	(-0.13,-0.05)	0.02	4.17e-06***	0.01	(-0.03,0.04)	0.02	0.651
Experienced religious criticism	-0.07	(-0.10,-0.04)	0.02	4.18e-05***	-0.04	(-0.07,-0.01)	0.02	0.019*
Faith-sharing	-0.06	(-0.10,-0.02)	0.02	1.69e-03**	-0.02	(-0.06,0.01)	0.02	0.231

Notes. N=6478; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S24i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Poland

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.28	2.20	1.97	1.88	2.17	2.06	1.88	1.76
Flourishing index	2.26	2.17	1.89	1.81	2.14	2.02	1.82	1.69
Happiness & life satisfaction	1.90	1.84	1.49	1.43	1.81	1.73	1.48	1.39
Physical & mental health	1.91	1.84	1.56	1.49	1.80	1.71	1.50	1.40
Meaning & purpose	1.88	1.80	1.55	1.49	1.80	1.71	1.52	1.44
Character & virtue	1.55	1.48	1.26	1.19	1.50	1.39	1.29	1.19
Close social relationships	1.77	1.72	1.41	1.35	1.71	1.63	1.41	1.33
Financial & material security	1.54	1.49	1.25	1.20	1.48	1.43	1.25	1.18
Individual Flourishing Index Items								
Life satisfaction	1.78	1.73	1.41	1.36	1.72	1.64	1.40	1.33
Happiness	1.82	1.76	1.41	1.35	1.75	1.66	1.41	1.33
Self-rated physical health	1.74	1.68	1.41	1.36	1.66	1.58	1.38	1.30
Self-rated mental health	1.78	1.73	1.46	1.40	1.70	1.62	1.42	1.34
Understanding purpose	1.64	1.56	1.36	1.30	1.57	1.49	1.35	1.28
Meaningful activities	1.81	1.75	1.49	1.44	1.73	1.66	1.46	1.39
Orientation to promote good	1.69	1.63	1.38	1.32	1.65	1.56	1.40	1.31
Delayed gratification	1.26	1.19	1.09	1.00	1.22	1.12	1.13	1.00
Relationship contentment	1.71	1.66	1.36	1.31	1.66	1.59	1.37	1.29
Relationship satisfaction	1.68	1.62	1.34	1.28	1.63	1.55	1.35	1.26
Financial security	1.47	1.43	1.18	1.12	1.42	1.37	1.20	1.12
Material security	1.51	1.47	1.22	1.17	1.46	1.40	1.21	1.15
Psychological Well-Being								
Current life evaluation	1.52	1.46	1.17	1.09	1.49	1.41	1.19	1.07
Future life evaluation	1.56	1.50	1.25	1.19	1.52	1.44	1.26	1.17
Optimism	1.70	1.64	1.40	1.35	1.63	1.55	1.37	1.29
Freedom to pursue what's important	1.66	1.61	1.34	1.29	1.60	1.53	1.33	1.26
Inner peace	2.77	2.50	1.26	1.00	2.77	2.43	1.33	1.00
Life balance	2.94	2.68	1.42	1.21	3.02	2.67	1.58	1.31
Sense of mastery	3.00	2.67	1.49	1.25	2.80	2.41	1.37	1.00
Psychological Distress								
Traumatic distress	2.35	2.09	1.11	1.00	2.18	1.86	1.26	1.00
Depression symptoms composite	2.86	2.55	1.14	1.00	2.79	2.34	1.27	1.00
Depression – feel hopeless	3.24	2.84	1.32	1.00	3.34	2.76	1.36	1.00
Depression – loss of interest	2.53	2.25	1.21	1.00	2.41	2.02	1.27	1.00
Anxiety symptoms composite	3.43	3.05	1.32	1.00	3.41	2.90	1.34	1.00
Anxiety – feel on edge	2.98	2.66	1.29	1.00	3.04	2.55	1.33	1.00
Anxiety – cannot stop worrying	3.74	3.29	1.55	1.22	3.66	3.06	1.33	1.00
Suffering	2.56	2.32	1.13	1.00	2.45	2.14	1.21	1.00
Social Well-Being								
Social support	1.69	1.63	1.31	1.26	1.62	1.54	1.30	1.22
Intimate/close friend	2.04	1.76	1.47	1.21	1.93	1.57	1.43	1.00
Government approval	1.28	1.00	1.25	1.00	1.21	1.00	1.05	1.00
Say in government	1.11	1.00	1.23	1.00	1.02	1.00	1.35	1.00
Belonging in country	1.33	1.28	1.12	1.00	1.31	1.24	1.15	1.00
City/place satisfaction	1.36	1.00	1.06	1.00	1.39	1.00	1.12	1.00
Trust within country	1.84	1.68	1.56	1.42	1.81	1.60	1.55	1.36
Social Participation								
Ever been married	1.11	1.00	1.25	1.00	1.21	1.00	1.32	1.00
Currently divorced	1.67	1.24	1.24	1.00	1.55	1.00	1.18	1.00
Number of children	1.35	1.23	1.17	1.00	1.41	1.29	1.24	1.08
Weekly+ community participation	1.53	1.21	1.05	1.00	1.40	1.00	1.15	1.00
Weekly+ religious attendance	1.55	1.37	1.56	1.39	1.60	1.37	1.52	1.29
Social Distress								
Loneliness	1.57	1.53	1.28	1.23	1.54	1.48	1.29	1.22
Perceived discrimination	1.86	1.62	1.18	1.00	1.85	1.46	1.13	1.00
Character & Prosocial Behavior								
Hope	1.77	1.70	1.44	1.38	1.72	1.63	1.45	1.37
Gratitude	1.62	1.56	1.34	1.29	1.59	1.53	1.37	1.31
Showing love/care	1.57	1.50	1.27	1.20	1.54	1.45	1.28	1.17
Forgivingness	1.66	1.49	1.35	1.19	1.64	1.42	1.35	1.11
Charitable giving	1.46	1.25	1.35	1.16	1.54	1.27	1.36	1.00
Helping strangers	1.41	1.20	1.24	1.00	1.33	1.00	1.17	1.00
Volunteering	1.34	1.00	1.34	1.00	1.29	1.00	1.35	1.00
Physical Health & Health Behavior								
Health problems	2.08	1.80	1.34	1.00	2.02	1.65	1.30	1.00
Pain in past 4 weeks	2.45	2.26	1.43	1.26	2.28	2.04	1.45	1.22
Daily smoker	1.22	1.00	1.05	1.00	1.16	1.00	1.13	1.00
Number of drinks per week	1.08	1.00	1.12	1.08	1.05	1.00	1.13	1.08
Days exercise per week	1.19	1.12	1.03	1.00	1.19	1.08	1.07	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.47	1.30	1.19	1.00	1.40	1.13	1.12	1.00
Currently employed	1.41	1.12	1.47	1.27	1.56	1.23	1.54	1.25
Financially comfortable/getting by	2.41	2.18	1.43	1.24	2.14	1.86	1.32	1.00
Own home	1.71	1.52	1.33	1.10	1.65	1.41	1.31	1.00
Income – top quintile	1.51	1.31	1.07	1.00	1.51	1.23	1.25	1.00
Religion & Spirituality								
Religious/spiritual connection	1.56	1.37	1.18	1.00	1.64	1.40	1.27	1.00
Belief in life after death	1.34	1.04	1.29	1.00	1.32	1.00	1.32	1.00
Transformative religious experience	1.95	1.62	1.16	1.00	2.00	1.52	1.16	1.00
Religious reading or listening	1.94	1.61	1.18	1.00	1.78	1.33	1.21	1.00
Prayer or meditation	1.45	1.22	1.06	1.00	1.30	1.00	1.14	1.00
Belief in God/gods/spiritual forces	1.36	1.00	1.29	1.00	1.48	1.08	1.43	1.00
Religious centrality	1.32	1.00	1.43	1.24	1.27	1.00	1.37	1.08
Religious/spiritual comfort	1.10	1.00	1.24	1.00	1.20	1.00	1.14	1.00
Feel loved by God	1.26	1.00	1.20	1.00	1.23	1.00	1.19	1.00
Feel punished by God	1.84	1.62	1.10	1.00	1.77	1.51	1.16	1.00
Experienced religious criticism	1.85	1.64	1.42	1.20	1.73	1.45	1.44	1.14
Faith-sharing	1.57	1.39	1.30	1.08	1.51	1.27	1.26	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates.

E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S25a. Weighted summary statistics for demographic and childhood variables in South Africa

Characteristic	Wave 1 N = 2,651	Wave 2 N = 962
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	16 (0.6%)	3 (0.3%)
1943-1953 (current age: 70-79 years)	112 (4.2%)	40 (4.2%)
1953-1963 (current age: 60-69 years)	192 (7.2%)	90 (9.3%)
1963-1973 (current age: 50-59 years)	310 (11.7%)	94 (9.8%)
1973-1983 (current age: 40-49 years)	485 (18.3%)	197 (20.5%)
1983-1993 (current age: 30-39 years)	634 (23.9%)	239 (24.8%)
1993-1998 (current age: 25-29 years)	356 (13.4%)	133 (13.9%)
1998-2005 (current age: 18-24 years)	538 (20.3%)	166 (17.3%)
(Missing)	8 (0.3%)	0 (0%)
<i>Age of participant</i>		
Mean	38.8	39.6
Standard Deviation	15.3	14.8
Min, Max	18.0, 86.0	18.0, 84.0
(Missing)	8 (0.3%)	0 (0%)
<i>Gender, n (%)</i>		
Male	1,292 (48.8%)	461 (48.0%)
Female	1,352 (51.0%)	499 (51.9%)
Other	2 (0.1%)	0 (0%)
(Missing)	5 (0.2%)	1 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,582 (59.7%)	527 (54.8%)
Married	527 (19.9%)	196 (20.3%)
Separated	73 (2.8%)	28 (2.9%)
Divorced	48 (1.8%)	23 (2.4%)
Widowed	132 (5.0%)	75 (7.7%)
Domestic partner	262 (9.9%)	105 (10.9%)
(Missing)	27 (1.0%)	9 (0.9%)
<i>Education (years), n (%)</i>		
Up to 8	697 (26.3%)	221 (23.0%)
9-15	1,797 (67.8%)	641 (66.7%)
16+	153 (5.8%)	100 (10.4%)
(Missing)	4 (0.1%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	549 (20.7%)	202 (21.0%)
Self-employed	401 (15.1%)	120 (12.5%)
Retired	234 (8.8%)	42 (4.3%)
Student	230 (8.7%)	70 (7.3%)
Homemaker	141 (5.3%)	53 (5.5%)
Unemployed and looking for a job	1,020 (38.5%)	405 (42.1%)
None of these/Other	72 (2.7%)	65 (6.8%)
(Missing)	3 (0.1%)	5 (0.5%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	424 (16.0%)	128 (13.3%)
Once a week	889 (33.5%)	297 (30.8%)
One to three times a month	568 (21.4%)	207 (21.5%)
A few times a year	427 (16.1%)	186 (19.3%)
Never	337 (12.7%)	141 (14.7%)
(Missing)	7 (0.2%)	3 (0.4%)
<i>Immigration status, n (%)</i>		

Table S25a. Weighted summary statistics for demographic and childhood variables in South Africa

Characteristic	Wave 1 N = 2,651	Wave 2 N = 962
Born in this country	2,506 (94.5%)	906 (94.2%)
Born in another country	143 (5.4%)	56 (5.8%)
(Missing)	1 (0.1%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	1,311 (49.5%)	473 (49.1%)
Parents were divorced	133 (5.0%)	35 (3.6%)
Parents were never married	915 (34.5%)	360 (37.5%)
One or both of them had died	139 (5.2%)	43 (4.4%)
Unsure	34 (1.3%)	13 (1.4%)
(Missing)	119 (4.5%)	38 (4.0%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,672 (63.1%)	635 (66.0%)
One to three times a month	557 (21.0%)	174 (18.1%)
Less than once a month	173 (6.5%)	67 (7.0%)
Never	222 (8.4%)	80 (8.4%)
(Missing)	27 (1.0%)	6 (0.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	2,184 (82.4%)	769 (80.0%)
Somewhat good	263 (9.9%)	114 (11.9%)
Somewhat bad	51 (1.9%)	25 (2.6%)
Very bad	41 (1.5%)	7 (0.8%)
(Does not apply)	91 (3.4%)	39 (4.1%)
(Missing)	22 (0.8%)	7 (0.8%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,647 (62.1%)	562 (58.4%)
Somewhat good	331 (12.5%)	143 (14.9%)
Somewhat bad	88 (3.3%)	40 (4.1%)
Very bad	167 (6.3%)	55 (5.7%)
(Does not apply)	331 (12.5%)	132 (13.7%)
(Missing)	86 (3.3%)	30 (3.1%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	438 (16.5%)	152 (15.8%)
No	2,208 (83.3%)	807 (83.9%)
(Missing)	6 (0.2%)	3 (0.3%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	456 (17.2%)	170 (17.7%)
No	2,143 (80.8%)	783 (81.4%)
(Missing)	52 (1.9%)	9 (0.9%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,225 (46.2%)	457 (47.6%)
Very good	584 (22.0%)	202 (21.0%)
Good	365 (13.8%)	106 (11.1%)
Fair	275 (10.4%)	131 (13.6%)
Poor	186 (7.0%)	56 (5.8%)
(Missing)	17 (0.6%)	10 (1.0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,048 (39.5%)	353 (36.7%)
Got by	875 (33.0%)	314 (32.6%)
Found it difficult	432 (16.3%)	172 (17.9%)
Found it very difficult	291 (11.0%)	121 (12.6%)

Table S25a. Weighted summary statistics for demographic and childhood variables in South Africa

Characteristic	Wave 1 N = 2,651	Wave 2 N = 962
(Missing)	5 (0.2%)	1 (0.1%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	2,320 (87.5%)	834 (86.7%)
Taoism	1 (0.0%)	1 (0.1%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	118 (4.5%)	38 (3.9%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	53 (2.0%)	24 (2.5%)
Hinduism	2 (0.1%)	1 (0.1%)
Buddhism	11 (0.4%)	3 (0.3%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	2 (0.1%)	2 (0.2%)
Some other religion	7 (0.3%)	5 (0.5%)
No religion/Atheist/Agnostic	110 (4.1%)	47 (4.9%)
(Missing)	27 (1.0%)	8 (0.8%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S25b. Weighted summary statistics for exposure and outcome variables in South Africa

Outcome	Wave 1 N = 2,651	Wave 2 N = 962
<i>Secure flourishing index</i>		
Mean	7.1	6.9
Standard Deviation	1.5	1.6
Min, Max	0.8, 10.0	0.0, 10.0
(Missing)	62 (2.3%)	20 (2.0%)
<i>Flourishing index</i>		
Mean	7.4	7.3
Standard Deviation	1.6	1.6
Min, Max	1.0, 10.0	0.0, 10.0
(Missing)	51 (1.9%)	12 (1.3%)
<i>Happiness & life satisfaction</i>		
Mean	6.7	6.2
Standard Deviation	2.4	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.4%)	7 (0.8%)
<i>Physical & mental health</i>		
Mean	7.9	7.5
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.4%)	0 (<0.1%)
<i>Meaning & purpose</i>		
Mean	7.4	7.5
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.6%)	3 (0.3%)
<i>Character & virtue</i>		
Mean	7.8	7.8
Standard Deviation	2.0	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.5%)	1 (0.1%)
<i>Close social relationships</i>		
Mean	7.4	7.5
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.3%)	1 (<0.1%)
<i>Financial & material security</i>		
Mean	5.4	4.7
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.5%)	7 (0.8%)
<i>Life satisfaction</i>		
Mean	6.4	6.0
Standard Deviation	2.8	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.4%)	6 (0.6%)
<i>Happiness</i>		
Mean	7.0	6.5
Standard Deviation	2.7	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	1 (0.1%)

Table S25b. Weighted summary statistics for exposure and outcome variables in South Africa

Outcome	Wave 1 N = 2,651	Wave 2 N = 962
<i>Self-rated physical health</i>		
Mean	7.5	7.2
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.1%)	0 (<0.1%)
<i>Self-rated mental health</i>		
Mean	8.2	7.8
Standard Deviation	2.5	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.4%)	0 (0%)
<i>Understanding purpose</i>		
Mean	8.1	8.1
Standard Deviation	2.4	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.2%)	0 (<0.1%)
<i>Meaningful activities</i>		
Mean	6.7	6.9
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.5%)	3 (0.3%)
<i>Orientation to promote good</i>		
Mean	7.8	8.0
Standard Deviation	2.4	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	1 (<0.1%)
<i>Delayed gratification</i>		
Mean	7.7	7.5
Standard Deviation	2.4	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.4%)	1 (<0.1%)
<i>Relationship contentment</i>		
Mean	7.6	7.7
Standard Deviation	2.5	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	0 (<0.1%)
<i>Relationship satisfaction</i>		
Mean	7.2	7.2
Standard Deviation	2.7	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	1 (<0.1%)
<i>Financial security</i>		
Mean	5.2	4.5
Standard Deviation	3.3	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.4%)	1 (0.1%)
<i>Material security</i>		
Mean	5.6	4.9
Standard Deviation	3.4	3.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	6 (0.6%)

Table S25b. Weighted summary statistics for exposure and outcome variables in South Africa

Outcome	Wave 1 N = 2,651	Wave 2 N = 962
<i>Current life evaluation</i>		
Mean	6.1	5.9
Standard Deviation	2.9	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	0 (0%)
<i>Future life evaluation</i>		
Mean	7.6	7.5
Standard Deviation	2.5	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	70 (2.6%)	18 (1.9%)
<i>Optimism</i>		
Mean	8.2	8.4
Standard Deviation	2.2	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.4%)	0 (0%)
<i>Freedom to pursue what's important</i>		
Mean	8.0	7.8
Standard Deviation	2.4	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	0 (0%)
<i>Inner peace, n (%)</i>		
Always	1,170 (44.1%)	269 (28.0%)
Often	940 (35.5%)	365 (37.9%)
Rarely	340 (12.8%)	208 (21.6%)
Never	182 (6.9%)	113 (11.7%)
(Missing)	19 (0.7%)	7 (0.7%)
<i>Life balance, n (%)</i>		
Always	842 (31.8%)	169 (17.6%)
Often	1,014 (38.2%)	349 (36.3%)
Rarely	492 (18.6%)	299 (31.1%)
Never	286 (10.8%)	139 (14.5%)
(Missing)	17 (0.6%)	5 (0.5%)
<i>Sense of mastery, n (%)</i>		
Always	1,448 (54.6%)	406 (42.2%)
Often	783 (29.5%)	319 (33.2%)
Rarely	283 (10.7%)	169 (17.6%)
Never	128 (4.8%)	67 (7.0%)
(Missing)	10 (0.4%)	1 (0.1%)
<i>Traumatic distress, n (%)</i>		
A lot	432 (16.3%)	216 (22.4%)
Some	462 (17.4%)	182 (19.0%)
Not very much	657 (24.8%)	298 (31.0%)
Not at all	1,014 (38.3%)	263 (27.4%)
(Missing)	86 (3.2%)	3 (0.3%)
<i>Depression symptoms composite, n (%)</i>	858 (32.6%)	377 (39.3%)
(Missing)	23 (0.9%)	4 (0.5%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	272 (10.3%)	167 (17.3%)
More than half the days	354 (13.4%)	149 (15.5%)
Several days	1,000 (37.7%)	336 (34.9%)

Table S25b. Weighted summary statistics for exposure and outcome variables in South Africa

Outcome	Wave 1 N = 2,651	Wave 2 N = 962
Not at all	1,009 (38.1%)	310 (32.2%)
(Missing)	16 (0.6%)	0 (0.0%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	359 (13.6%)	134 (14.0%)
More than half the days	382 (14.4%)	146 (15.2%)
Several days	925 (34.9%)	356 (37.0%)
Not at all	973 (36.7%)	321 (33.4%)
(Missing)	12 (0.5%)	4 (0.4%)
<i>Anxiety symptoms composite, n (%)</i>	774 (29.5%)	408 (42.5%)
(Missing)	26 (1.0%)	1 (0.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	236 (8.9%)	128 (13.3%)
More than half the days	352 (13.3%)	159 (16.5%)
Several days	925 (34.9%)	322 (33.5%)
Not at all	1,130 (42.6%)	353 (36.7%)
(Missing)	8 (0.3%)	0 (0%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	400 (15.1%)	188 (19.6%)
More than half the days	303 (11.4%)	170 (17.7%)
Several days	880 (33.2%)	315 (32.8%)
Not at all	1,048 (39.5%)	286 (29.8%)
(Missing)	21 (0.8%)	1 (0.1%)
<i>Suffering, n (%)</i>		
A lot	321 (12.1%)	172 (17.9%)
Some	471 (17.8%)	178 (18.5%)
Not very much	701 (26.5%)	358 (37.3%)
Not at all	1,140 (43.0%)	243 (25.3%)
(Missing)	18 (0.7%)	10 (1.0%)
<i>Social support</i>		
Mean	7.2	6.5
Standard Deviation	2.8	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.3%)	1 (0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	2,199 (83.0%)	840 (87.3%)
No	450 (17.0%)	121 (12.6%)
(Missing)	2 (0.1%)	0 (0.0%)
<i>Government approval, n (%)</i>		
Strongly approve	580 (21.9%)	174 (18.1%)
Somewhat approve	424 (16.0%)	177 (18.5%)
Neither approve nor disapprove	580 (21.9%)	240 (25.0%)
Somewhat disapprove	294 (11.1%)	166 (17.3%)
Strongly disapprove	744 (28.1%)	199 (20.7%)
(Missing)	31 (1.2%)	5 (0.5%)
<i>Say in government, n (%)</i>		
Agree	1,317 (49.7%)	389 (40.5%)
Disagree	816 (30.8%)	270 (28.1%)
Unsure	508 (19.2%)	298 (31.0%)
(Missing)	10 (0.4%)	4 (0.4%)
<i>Belonging in country</i>		

Table S25b. Weighted summary statistics for exposure and outcome variables in South Africa

Outcome	Wave 1 N = 2,651	Wave 2 N = 962
Mean	7.7	7.5
Standard Deviation	2.7	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.6%)	0 (<0.1%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	1,465 (55.3%)	507 (52.7%)
Dissatisfied	873 (32.9%)	324 (33.7%)
Unsure	312 (11.8%)	127 (13.2%)
(Missing)	2 (0.1%)	3 (0.3%)
<i>Trust within country, n (%)</i>		
All people	89 (3.4%)	19 (2.0%)
Most people	194 (7.3%)	77 (8.0%)
Some people	679 (25.6%)	322 (33.4%)
Not very many people	903 (34.1%)	369 (38.4%)
None	743 (28.0%)	163 (17.0%)
(Missing)	42 (1.6%)	12 (1.2%)
<i>Number of children</i>		
Mean	1.9	2.6
Standard Deviation	1.9	3.0
Min, Max	0.0, 18.0	0.0, 44.0
(Missing)	3 (0.1%)	15 (1.6%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	272 (10.3%)	59 (6.1%)
Once a week	380 (14.4%)	153 (15.9%)
One to three times a month	612 (23.1%)	180 (18.7%)
A few times a year	531 (20.0%)	260 (27.0%)
Never	846 (31.9%)	305 (31.7%)
(Missing)	9 (0.3%)	5 (0.5%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	424 (16.0%)	128 (13.3%)
Once a week	889 (33.5%)	297 (30.8%)
One to three times a month	568 (21.4%)	207 (21.5%)
A few times a year	427 (16.1%)	186 (19.3%)
Never	337 (12.7%)	141 (14.7%)
(Missing)	7 (0.2%)	3 (0.4%)
<i>Loneliness</i>		
Mean	3.7	4.0
Standard Deviation	3.1	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	0 (0%)
<i>Perceived discrimination, n (%)</i>		
Always	427 (16.1%)	140 (14.6%)
Often	544 (20.5%)	195 (20.2%)
Rarely	497 (18.7%)	276 (28.7%)
Never	1,133 (42.8%)	347 (36.1%)
(Missing)	49 (1.9%)	4 (0.4%)
<i>Hope</i>		
Mean	8.6	8.7
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0

Table S25b. Weighted summary statistics for exposure and outcome variables in South Africa

Outcome	Wave 1 N = 2,651	Wave 2 N = 962
(Missing)	5 (0.2%)	2 (0.2%)
<i>Gratitude</i>		
Mean	7.8	7.7
Standard Deviation	2.4	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.3%)	2 (0.2%)
<i>Showing love/care</i>		
Mean	8.6	8.7
Standard Deviation	2.0	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	0 (0%)
<i>Forgivingness, n (%)</i>		
Always	1,595 (60.2%)	501 (52.1%)
Often	633 (23.9%)	273 (28.3%)
Rarely	257 (9.7%)	130 (13.5%)
Never	166 (6.3%)	57 (5.9%)
(Missing)	0 (0.0%)	1 (0.2%)
<i>Charitable giving, n (%)</i>		
Yes	505 (19.1%)	247 (25.7%)
No	2,145 (80.9%)	709 (73.7%)
(Missing)	1 (0.0%)	6 (0.6%)
<i>Helping strangers, n (%)</i>		
Yes	1,520 (57.3%)	750 (78.0%)
No	1,119 (42.2%)	205 (21.3%)
(Missing)	12 (0.4%)	7 (0.7%)
<i>Volunteering, n (%)</i>		
Yes	649 (24.5%)	333 (34.6%)
No	2,002 (75.5%)	621 (64.5%)
(Missing)	0 (0%)	8 (0.8%)
<i>Health problems, n (%)</i>		
Yes	575 (21.7%)	232 (24.1%)
No	2,044 (77.1%)	723 (75.1%)
(Missing)	31 (1.2%)	7 (0.8%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	290 (10.9%)	159 (16.5%)
Some	471 (17.8%)	181 (18.8%)
Not very much	753 (28.4%)	354 (36.8%)
None at all	1,129 (42.6%)	268 (27.9%)
(Missing)	8 (0.3%)	0 (0%)
<i>Number of drinks per week</i>		
Mean	2.4	1.7
Standard Deviation	6.1	3.4
Min, Max	0.0, 97.0	0.0, 24.0
(Missing)	51 (1.9%)	8 (0.9%)
<i>Days exercise per week</i>		
Mean	2.4	2.5
Standard Deviation	2.4	2.5
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	37 (1.4%)	7 (0.8%)
<i>Educational attainment (16+ years), n (%)</i>		

Table S25b. Weighted summary statistics for exposure and outcome variables in South Africa

Outcome	Wave 1 N = 2,651	Wave 2 N = 962
Up to 8	697 (26.3%)	221 (23.0%)
9-15	1,797 (67.8%)	641 (66.7%)
16+	153 (5.8%)	100 (10.4%)
(Missing)	4 (0.1%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	549 (20.7%)	202 (21.0%)
Self-employed	401 (15.1%)	120 (12.5%)
Retired	234 (8.8%)	42 (4.3%)
Student	230 (8.7%)	70 (7.3%)
Homemaker	141 (5.3%)	53 (5.5%)
Unemployed and looking for a job	1,020 (38.5%)	405 (42.1%)
None of these/Other	72 (2.7%)	65 (6.8%)
(Missing)	3 (0.1%)	5 (0.5%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	335 (12.6%)	95 (9.8%)
Getting by on present income	940 (35.4%)	221 (23.0%)
Finding it difficult on present income	850 (32.0%)	316 (32.9%)
Finding it very difficult on present income	460 (17.4%)	322 (33.5%)
(Missing)	67 (2.5%)	8 (0.8%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,699 (64.1%)	513 (53.4%)
Someone in this household rents this home	382 (14.4%)	113 (11.7%)
Both	165 (6.2%)	73 (7.6%)
Neither	358 (13.5%)	257 (26.7%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	47 (1.8%)	6 (0.7%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,658 (62.5%)	466 (48.4%)
Often	573 (21.6%)	247 (25.7%)
Rarely	243 (9.2%)	167 (17.3%)
Never	157 (5.9%)	80 (8.4%)
(Missing)	20 (0.7%)	2 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	1,390 (52.4%)	529 (55.0%)
No	759 (28.6%)	171 (17.8%)
Unsure	487 (18.4%)	256 (26.6%)
(Missing)	14 (0.5%)	6 (0.6%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,542 (58.2%)	559 (58.1%)
No	1,036 (39.1%)	397 (41.3%)
(Missing)	74 (2.8%)	6 (0.6%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	442 (16.7%)	146 (15.1%)
About once a day	476 (18.0%)	198 (20.6%)
Sometimes	1,392 (52.5%)	509 (52.9%)
Never	331 (12.5%)	105 (10.9%)
(Missing)	11 (0.4%)	5 (0.5%)
<i>Prayer or meditation, n (%)</i>		

Table S25b. Weighted summary statistics for exposure and outcome variables in South Africa

Outcome	Wave 1 N = 2,651	Wave 2 N = 962
More than once a day	1,160 (43.7%)	397 (41.3%)
About once a day	726 (27.4%)	282 (29.3%)
Sometimes	686 (25.9%)	243 (25.3%)
Never	76 (2.9%)	35 (3.7%)
(Missing)	3 (0.1%)	4 (0.5%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	2,128 (80.3%)	784 (81.5%)
More than one god	266 (10.0%)	71 (7.3%)
An impersonal spiritual force	135 (5.1%)	49 (5.1%)
None of these	60 (2.3%)	14 (1.4%)
Unsure	57 (2.1%)	42 (4.3%)
(Missing)	6 (0.2%)	4 (0.4%)
<i>Religious centrality, n (%)</i>		
Agree	2,072 (78.2%)	678 (70.5%)
Disagree	252 (9.5%)	60 (6.2%)
Not relevant	135 (5.1%)	77 (8.0%)
Unsure	186 (7.0%)	145 (15.1%)
(Missing)	5 (0.2%)	2 (0.2%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	2,313 (87.3%)	813 (84.5%)
Disagree	157 (5.9%)	21 (2.2%)
Not relevant	100 (3.8%)	54 (5.6%)
Unsure	73 (2.7%)	72 (7.5%)
(Missing)	8 (0.3%)	2 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	2,421 (91.3%)	847 (88.1%)
Disagree	86 (3.3%)	22 (2.3%)
Not relevant	78 (2.9%)	28 (2.9%)
Unsure	58 (2.2%)	61 (6.4%)
(Missing)	8 (0.3%)	3 (0.3%)
<i>Feel punished by God, n (%)</i>		
Agree	1,088 (41.0%)	290 (30.1%)
Disagree	1,156 (43.6%)	362 (37.6%)
Not relevant	215 (8.1%)	108 (11.2%)
Unsure	183 (6.9%)	200 (20.8%)
(Missing)	9 (0.3%)	2 (0.2%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,039 (39.2%)	294 (30.5%)
Disagree	903 (34.1%)	270 (28.1%)
Not relevant	329 (12.4%)	130 (13.5%)
Unsure	371 (14.0%)	265 (27.6%)
(Missing)	9 (0.3%)	3 (0.4%)
<i>Faith-sharing, n (%)</i>		
Agree	1,908 (72.0%)	665 (69.1%)
Disagree	464 (17.5%)	127 (13.2%)
Not relevant	171 (6.5%)	90 (9.4%)
Unsure	95 (3.6%)	77 (8.0%)
(Missing)	12 (0.4%)	2 (0.2%)

Table S25b. Weighted summary statistics for exposure and outcome variables in South Africa

	Wave 1	Wave 2
Outcome	N = 2,651	N = 962

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S25c. Unweighted summary statistics for demographic and childhood variables in South Africa by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 1,675	Retained-Observed in Wave 2 N = 934
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	15 (0.9%)	0 (0.0%)
1943-1953 (current age: 70-79 years)	76 (4.5%)	34 (3.6%)
1953-1963 (current age: 60-69 years)	100 (6.0%)	90 (9.6%)
1963-1973 (current age: 50-59 years)	207 (12.4%)	98 (10.4%)
1973-1983 (current age: 40-49 years)	317 (18.9%)	160 (17.2%)
1983-1993 (current age: 30-39 years)	397 (23.7%)	227 (24.3%)
1993-1998 (current age: 25-29 years)	228 (13.6%)	123 (13.1%)
1998-2005 (current age: 18-24 years)	329 (19.7%)	201 (21.5%)
(Missing)	6 (0.4%)	1 (0.1%)
<i>Age of participant</i>		
Mean	38.9	38.6
Standard Deviation	15.4	15.3
Min, Max	18.0, 86.0	18.0, 83.0
(Missing)	6 (0.4%)	1 (0.1%)
<i>Gender, n (%)</i>		
Male	829 (49.5%)	442 (47.3%)
Female	841 (50.2%)	490 (52.5%)
Other	2 (0.1%)	0 (0%)
(Missing)	3 (0.2%)	1 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	998 (59.6%)	559 (59.8%)
Married	320 (19.1%)	199 (21.3%)
Separated	52 (3.1%)	20 (2.1%)
Divorced	37 (2.2%)	10 (1.1%)
Widowed	75 (4.5%)	55 (5.9%)
Domestic partner	174 (10.4%)	84 (9.0%)
(Missing)	19 (1.2%)	7 (0.8%)
<i>Education (years), n (%)</i>		
Up to 8	441 (26.3%)	246 (26.3%)
9-15	1,136 (67.8%)	633 (67.7%)
16+	95 (5.7%)	56 (6.0%)
(Missing)	3 (0.2%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	377 (22.5%)	162 (17.3%)
Self-employed	259 (15.5%)	135 (14.5%)
Retired	140 (8.3%)	91 (9.8%)
Student	135 (8.0%)	93 (9.9%)
Homemaker	88 (5.2%)	52 (5.5%)
Unemployed and looking for a job	631 (37.7%)	374 (40.0%)
None of these/Other	45 (2.7%)	26 (2.7%)
(Missing)	2 (0.1%)	2 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	279 (16.7%)	138 (14.7%)
Once a week	546 (32.6%)	330 (35.3%)
One to three times a month	356 (21.2%)	203 (21.8%)
A few times a year	282 (16.8%)	137 (14.7%)
Never	207 (12.4%)	124 (13.3%)
(Missing)	5 (0.3%)	2 (0.2%)

Table S25c. Unweighted summary statistics for demographic and childhood variables in South Africa by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 1,675	Retained-Observed in Wave 2 N = 934
<i>Immigration status, n (%)</i>		
Born in this country	1,576 (94.1%)	891 (95.4%)
Born in another country	98 (5.8%)	43 (4.6%)
(Missing)	1 (0.1%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	829 (49.5%)	461 (49.4%)
Parents were divorced	94 (5.6%)	36 (3.9%)
Parents were never married	555 (33.2%)	347 (37.1%)
One or both of them had died	95 (5.7%)	41 (4.4%)
Unsure	20 (1.2%)	14 (1.5%)
(Missing)	82 (4.9%)	34 (3.7%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,026 (61.3%)	621 (66.5%)
One to three times a month	380 (22.7%)	167 (17.8%)
Less than once a month	104 (6.2%)	66 (7.1%)
Never	144 (8.6%)	75 (8.0%)
(Missing)	21 (1.2%)	6 (0.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	1,402 (83.7%)	746 (79.8%)
Somewhat good	152 (9.1%)	107 (11.5%)
Somewhat bad	25 (1.5%)	26 (2.7%)
Very bad	32 (1.9%)	8 (0.9%)
(Does not apply)	51 (3.0%)	39 (4.2%)
(Missing)	13 (0.8%)	8 (0.9%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,072 (64.0%)	547 (58.5%)
Somewhat good	193 (11.5%)	134 (14.4%)
Somewhat bad	46 (2.7%)	41 (4.4%)
Very bad	108 (6.4%)	57 (6.1%)
(Does not apply)	199 (11.9%)	128 (13.7%)
(Missing)	57 (3.4%)	28 (3.0%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	281 (16.8%)	149 (16.0%)
No	1,390 (83.0%)	782 (83.8%)
(Missing)	3 (0.2%)	3 (0.3%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	287 (17.1%)	162 (17.3%)
No	1,347 (80.4%)	762 (81.6%)
(Missing)	41 (2.4%)	10 (1.0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	757 (45.2%)	449 (48.1%)
Very good	378 (22.6%)	195 (20.9%)
Good	255 (15.2%)	103 (11.0%)
Fair	151 (9.0%)	121 (12.9%)
Poor	126 (7.6%)	56 (6.0%)
(Missing)	7 (0.4%)	10 (1.1%)
<i>Subjective financial status of family growing up, n (%)</i>		

Table S25c. Unweighted summary statistics for demographic and childhood variables in South Africa by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 1,675	Retained-Observed in Wave 2 N = 934
Lived comfortably	678 (40.5%)	352 (37.6%)
Got by	562 (33.5%)	299 (32.0%)
Found it difficult	265 (15.8%)	162 (17.3%)
Found it very difficult	167 (10.0%)	120 (12.9%)
(Missing)	3 (0.2%)	1 (0.2%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	1,470 (87.7%)	813 (87.0%)
Taoism	0 (0%)	1 (0.1%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	75 (4.5%)	41 (4.4%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	31 (1.8%)	22 (2.3%)
Hinduism	1 (0.1%)	1 (0.1%)
Buddhism	8 (0.5%)	3 (0.3%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	2 (0.2%)
Some other religion	4 (0.3%)	2 (0.3%)
No religion/Atheist/Agnostic	67 (4.0%)	41 (4.4%)
(Missing)	19 (1.2%)	7 (0.8%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S25d. Unweighted summary statistics for Wave 1 outcome variables in South Africa by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 934
<i>Secure flourishing index</i>		
Mean	7.0	7.2
Standard Deviation	1.5	1.6
Min, Max	1.0, 10.0	0.8, 10.0
(Missing)	44 (2.6%)	17 (1.8%)
<i>Flourishing index</i>		
Mean	7.4	7.5
Standard Deviation	1.6	1.6
Min, Max	1.2, 10.0	1.0, 10.0
(Missing)	35 (2.1%)	15 (1.6%)
<i>Happiness & life satisfaction</i>		
Mean	6.7	6.7
Standard Deviation	2.3	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.5%)	2 (0.2%)
<i>Physical & mental health</i>		
Mean	7.8	7.9
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.4%)	4 (0.4%)
<i>Meaning & purpose</i>		
Mean	7.3	7.5
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.5%)	9 (0.9%)
<i>Character & virtue</i>		
Mean	7.6	8.0
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.6%)	2 (0.2%)
<i>Close social relationships</i>		
Mean	7.3	7.6
Standard Deviation	2.2	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.3%)	4 (0.5%)
<i>Financial & material security</i>		
Mean	5.3	5.6
Standard Deviation	2.9	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.6%)	3 (0.3%)
<i>Life satisfaction</i>		
Mean	6.4	6.3
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.5%)	2 (0.2%)
<i>Happiness</i>		
Mean	6.9	7.0
Standard Deviation	2.6	2.7
Min, Max	0.0, 10.0	0.0, 10.0

Table S25d. Unweighted summary statistics for Wave 1 outcome variables in South Africa by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 934
(Missing)	1 (<0.1%)	0 (0%)
<i>Self-rated physical health</i>		
Mean	7.5	7.6
Standard Deviation	2.8	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	1 (0.2%)
<i>Self-rated mental health</i>		
Mean	8.2	8.2
Standard Deviation	2.4	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.3%)	4 (0.4%)
<i>Understanding purpose</i>		
Mean	8.0	8.2
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	1 (0.2%)
<i>Meaningful activities</i>		
Mean	6.6	6.8
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.3%)	7 (0.8%)
<i>Orientation to promote good</i>		
Mean	7.7	8.0
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.1%)	0 (0%)
<i>Delayed gratification</i>		
Mean	7.6	7.9
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.5%)	2 (0.2%)
<i>Relationship contentment</i>		
Mean	7.5	7.7
Standard Deviation	2.5	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.2%)	2 (0.3%)
<i>Relationship satisfaction</i>		
Mean	7.1	7.4
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	4 (0.5%)
<i>Financial security</i>		
Mean	5.2	5.3
Standard Deviation	3.2	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.4%)	3 (0.3%)
<i>Material security</i>		
Mean	5.4	5.8
Standard Deviation	3.3	3.5

Table S25d. Unweighted summary statistics for Wave 1 outcome variables in South Africa by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 934
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.2%)	1 (0.1%)
<i>Current life evaluation</i>		
Mean	6.1	6.1
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	3 (0.3%)
<i>Future life evaluation</i>		
Mean	7.5	7.8
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	42 (2.5%)	26 (2.8%)
<i>Optimism</i>		
Mean	8.2	8.3
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.3%)	4 (0.4%)
<i>Freedom to pursue what's important</i>		
Mean	7.9	8.2
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.1%)	3 (0.3%)
<i>Inner peace, n (%)</i>		
Always	742 (44.3%)	410 (43.9%)
Often	592 (35.4%)	333 (35.6%)
Rarely	207 (12.4%)	128 (13.7%)
Never	120 (7.2%)	59 (6.3%)
(Missing)	13 (0.8%)	5 (0.5%)
<i>Life balance, n (%)</i>		
Always	555 (33.2%)	272 (29.1%)
Often	634 (37.9%)	364 (39.0%)
Rarely	292 (17.4%)	193 (20.7%)
Never	182 (10.9%)	99 (10.6%)
(Missing)	11 (0.7%)	6 (0.6%)
<i>Sense of mastery, n (%)</i>		
Always	911 (54.4%)	514 (55.1%)
Often	495 (29.5%)	275 (29.5%)
Rarely	181 (10.8%)	97 (10.4%)
Never	83 (5.0%)	43 (4.6%)
(Missing)	5 (0.3%)	4 (0.5%)
<i>Traumatic distress, n (%)</i>		
A lot	259 (15.5%)	167 (17.8%)
Some	291 (17.3%)	164 (17.6%)
Not very much	427 (25.5%)	219 (23.4%)
Not at all	643 (38.4%)	355 (38.0%)
(Missing)	55 (3.3%)	29 (3.1%)
<i>Depression symptoms composite, n (%)</i>	549 (33.2%)	294 (31.6%)
(Missing)	21 (1.2%)	2 (0.2%)
<i>Depression – feel hopeless, n (%)</i>		

Table S25d. Unweighted summary statistics for Wave 1 outcome variables in South Africa by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 934
Nearly every day	166 (9.9%)	102 (10.9%)
More than half the days	227 (13.6%)	121 (12.9%)
Several days	644 (38.4%)	340 (36.4%)
Not at all	623 (37.2%)	371 (39.7%)
(Missing)	14 (0.9%)	1 (0.1%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	232 (13.9%)	121 (13.0%)
More than half the days	239 (14.3%)	137 (14.6%)
Several days	595 (35.6%)	314 (33.6%)
Not at all	598 (35.7%)	360 (38.6%)
(Missing)	10 (0.6%)	2 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	513 (31.0%)	248 (26.7%)
(Missing)	20 (1.2%)	5 (0.6%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	148 (8.8%)	84 (9.0%)
More than half the days	240 (14.3%)	106 (11.4%)
Several days	577 (34.4%)	334 (35.7%)
Not at all	704 (42.0%)	408 (43.7%)
(Missing)	7 (0.4%)	1 (0.1%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	268 (16.0%)	124 (13.3%)
More than half the days	190 (11.3%)	109 (11.7%)
Several days	558 (33.3%)	307 (32.9%)
Not at all	644 (38.4%)	389 (41.6%)
(Missing)	15 (0.9%)	5 (0.6%)
<i>Suffering, n (%)</i>		
A lot	208 (12.4%)	107 (11.5%)
Some	296 (17.7%)	168 (17.9%)
Not very much	459 (27.4%)	230 (24.6%)
Not at all	696 (41.5%)	427 (45.8%)
(Missing)	16 (1.0%)	2 (0.2%)
<i>Social support</i>		
Mean	7.2	7.1
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.3%)	2 (0.3%)
<i>Intimate/close friend, n (%)</i>		
Yes	1,388 (82.9%)	776 (83.1%)
No	286 (17.1%)	157 (16.8%)
(Missing)	1 (0.1%)	1 (0.1%)
<i>Government approval, n (%)</i>		
Strongly approve	335 (20.0%)	238 (25.4%)
Somewhat approve	278 (16.6%)	138 (14.8%)
Neither approve nor disapprove	383 (22.9%)	186 (19.9%)
Somewhat disapprove	193 (11.5%)	95 (10.2%)
Strongly disapprove	465 (27.7%)	268 (28.7%)
(Missing)	21 (1.3%)	9 (0.9%)
<i>Say in government, n (%)</i>		
Agree	817 (48.8%)	480 (51.4%)

Table S25d. Unweighted summary statistics for Wave 1 outcome variables in South Africa by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 1,675	N = 934
Disagree	518 (30.9%)	285 (30.5%)
Unsure	334 (19.9%)	166 (17.7%)
(Missing)	7 (0.4%)	3 (0.3%)
<i>Belonging in country</i>		
Mean	7.6	7.9
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.5%)	8 (0.8%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	918 (54.8%)	525 (56.2%)
Dissatisfied	562 (33.6%)	296 (31.7%)
Unsure	195 (11.7%)	112 (12.0%)
(Missing)	0 (0%)	2 (0.2%)
<i>Trust within country, n (%)</i>		
All people	56 (3.3%)	32 (3.4%)
Most people	125 (7.5%)	65 (7.0%)
Some people	437 (26.1%)	231 (24.7%)
Not very many people	568 (33.9%)	321 (34.3%)
None	456 (27.2%)	277 (29.6%)
(Missing)	32 (1.9%)	9 (1.0%)
<i>Number of children</i>		
Mean	1.8	2.0
Standard Deviation	1.9	1.9
Min, Max	0.0, 18.0	0.0, 13.0
(Missing)	1 (<0.1%)	2 (0.2%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	168 (10.0%)	100 (10.7%)
Once a week	269 (16.1%)	103 (11.1%)
One to three times a month	367 (21.9%)	236 (25.3%)
A few times a year	334 (20.0%)	189 (20.2%)
Never	534 (31.9%)	299 (32.0%)
(Missing)	3 (0.2%)	6 (0.7%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	279 (16.7%)	138 (14.7%)
Once a week	546 (32.6%)	330 (35.3%)
One to three times a month	356 (21.2%)	203 (21.8%)
A few times a year	282 (16.8%)	137 (14.7%)
Never	207 (12.4%)	124 (13.3%)
(Missing)	5 (0.3%)	2 (0.2%)
<i>Loneliness</i>		
Mean	3.7	3.6
Standard Deviation	3.1	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	1 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	276 (16.5%)	145 (15.5%)
Often	326 (19.4%)	211 (22.6%)
Rarely	317 (19.0%)	171 (18.3%)
Never	717 (42.8%)	399 (42.7%)

Table S25d. Unweighted summary statistics for Wave 1 outcome variables in South Africa by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,675	N = 934
(Missing)	40 (2.4%)	8 (0.9%)
<i>Hope</i>		
Mean	8.5	8.8
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	4 (0.4%)
<i>Gratitude</i>		
Mean	7.7	8.0
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.2%)	5 (0.5%)
<i>Showing love/care</i>		
Mean	8.5	8.8
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.1%)	4 (0.4%)
<i>Forgivingness, n (%)</i>		
Always	998 (59.6%)	573 (61.3%)
Often	403 (24.1%)	219 (23.4%)
Rarely	171 (10.2%)	81 (8.7%)
Never	103 (6.1%)	61 (6.5%)
(Missing)	0 (0.0%)	0 (0%)
<i>Charitable giving, n (%)</i>		
Yes	324 (19.3%)	173 (18.5%)
No	1,351 (80.7%)	760 (81.4%)
(Missing)	0 (0%)	1 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	933 (55.7%)	565 (60.5%)
No	735 (43.9%)	365 (39.1%)
(Missing)	7 (0.4%)	4 (0.5%)
<i>Volunteering, n (%)</i>		
Yes	418 (24.9%)	221 (23.6%)
No	1,257 (75.1%)	713 (76.4%)
(Missing)	0 (0%)	0 (0%)
<i>Health problems, n (%)</i>		
Yes	397 (23.7%)	167 (17.9%)
No	1,261 (75.3%)	753 (80.6%)
(Missing)	17 (1.0%)	14 (1.5%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	168 (10.0%)	118 (12.6%)
Some	302 (18.0%)	161 (17.2%)
Not very much	483 (28.9%)	257 (27.5%)
None at all	716 (42.7%)	396 (42.4%)
(Missing)	6 (0.3%)	3 (0.3%)
<i>Number of drinks per week</i>		
Mean	2.5	2.2
Standard Deviation	6.2	6.0
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	36 (2.1%)	14 (1.5%)

Table S25d. Unweighted summary statistics for Wave 1 outcome variables in South Africa by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,675	Wave 2 N = 934
<i>Days exercise per week</i>		
Mean	2.3	2.5
Standard Deviation	2.4	2.5
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	20 (1.2%)	16 (1.7%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	441 (26.3%)	246 (26.3%)
9-15	1,136 (67.8%)	633 (67.7%)
16+	95 (5.7%)	56 (6.0%)
(Missing)	3 (0.2%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	377 (22.5%)	162 (17.3%)
Self-employed	259 (15.5%)	135 (14.5%)
Retired	140 (8.3%)	91 (9.8%)
Student	135 (8.0%)	93 (9.9%)
Homemaker	88 (5.2%)	52 (5.5%)
Unemployed and looking for a job	631 (37.7%)	374 (40.0%)
None of these/Other	45 (2.7%)	26 (2.7%)
(Missing)	2 (0.1%)	2 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	217 (13.0%)	112 (12.0%)
Getting by on present income	597 (35.6%)	328 (35.1%)
Finding it difficult on present income	514 (30.7%)	323 (34.6%)
Finding it very difficult on present income	302 (18.0%)	150 (16.1%)
(Missing)	45 (2.7%)	20 (2.2%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,063 (63.5%)	610 (65.3%)
Someone in this household rents this home	259 (15.5%)	116 (12.4%)
Both	106 (6.3%)	56 (6.0%)
Neither	211 (12.6%)	142 (15.2%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	36 (2.1%)	10 (1.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,044 (62.3%)	588 (62.9%)
Often	362 (21.6%)	203 (21.7%)
Rarely	156 (9.3%)	83 (8.9%)
Never	100 (6.0%)	54 (5.8%)
(Missing)	13 (0.8%)	6 (0.7%)
<i>Belief in life after death, n (%)</i>		
Yes	876 (52.3%)	492 (52.7%)
No	472 (28.2%)	276 (29.5%)
Unsure	317 (18.9%)	162 (17.3%)
(Missing)	9 (0.6%)	5 (0.5%)
<i>Transformative religious experience, n (%)</i>		
Yes	939 (56.1%)	580 (62.1%)
No	692 (41.3%)	325 (34.8%)
(Missing)	43 (2.6%)	29 (3.1%)

Table S25d. Unweighted summary statistics for Wave 1 outcome variables in South Africa by retention status.

Outcome	Attriters-NotRetained-Observed in	Wave 2
	Observed in Wave 2	N = 934
	N = 1,675	
<i>Religious reading or listening, n (%)</i>		
More than once a day	262 (15.7%)	174 (18.6%)
About once a day	322 (19.3%)	145 (15.5%)
Sometimes	862 (51.5%)	508 (54.4%)
Never	222 (13.3%)	102 (11.0%)
(Missing)	6 (0.4%)	5 (0.5%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	713 (42.6%)	430 (46.0%)
About once a day	453 (27.1%)	261 (27.9%)
Sometimes	456 (27.2%)	218 (23.3%)
Never	50 (3.0%)	25 (2.6%)
(Missing)	3 (0.2%)	1 (0.1%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	1,317 (78.7%)	778 (83.3%)
More than one god	177 (10.6%)	84 (9.0%)
An impersonal spiritual force	92 (5.5%)	41 (4.3%)
None of these	46 (2.7%)	13 (1.3%)
Unsure	39 (2.3%)	16 (1.8%)
(Missing)	3 (0.2%)	3 (0.3%)
<i>Religious centrality, n (%)</i>		
Agree	1,293 (77.2%)	747 (80.0%)
Disagree	174 (10.4%)	73 (7.8%)
Not relevant	87 (5.2%)	46 (4.9%)
Unsure	117 (7.0%)	66 (7.1%)
(Missing)	3 (0.2%)	2 (0.2%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,455 (86.9%)	822 (88.0%)
Disagree	98 (5.8%)	57 (6.2%)
Not relevant	72 (4.3%)	25 (2.7%)
Unsure	45 (2.7%)	26 (2.8%)
(Missing)	5 (0.3%)	3 (0.3%)
<i>Feel loved by God, n (%)</i>		
Agree	1,514 (90.4%)	869 (93.1%)
Disagree	54 (3.2%)	31 (3.4%)
Not relevant	64 (3.8%)	12 (1.3%)
Unsure	39 (2.3%)	18 (1.9%)
(Missing)	4 (0.3%)	3 (0.4%)
<i>Feel punished by God, n (%)</i>		
Agree	690 (41.2%)	380 (40.7%)
Disagree	723 (43.2%)	415 (44.4%)
Not relevant	149 (8.9%)	62 (6.6%)
Unsure	108 (6.5%)	72 (7.7%)
(Missing)	4 (0.3%)	5 (0.5%)
<i>Experienced religious criticism, n (%)</i>		
Agree	683 (40.8%)	337 (36.1%)
Disagree	538 (32.1%)	352 (37.7%)
Not relevant	215 (12.8%)	108 (11.6%)
Unsure	232 (13.9%)	134 (14.3%)
(Missing)	6 (0.4%)	3 (0.3%)

Table S25d. Unweighted summary statistics for Wave 1 outcome variables in South Africa by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,675	N = 934
<i>Faith-sharing, n (%)</i>		
Agree	1,195 (71.3%)	684 (73.2%)
Disagree	290 (17.3%)	167 (17.8%)
Not relevant	118 (7.1%)	50 (5.3%)
Unsure	62 (3.7%)	31 (3.4%)
(Missing)	9 (0.5%)	3 (0.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S25e. Summary of fitted attrition model in South Africa

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.85	0.74, 0.96	0.013
Happiness & life satisfaction	0.87	0.75, 1.01	0.067
Physical & mental health	0.95	0.82, 1.09	0.437
Meaning & purpose	1.05	0.91, 1.22	0.497
Character & virtue	1.21	1.04, 1.40	0.013
Close social relationships	1.04	0.91, 1.18	0.577
Financial & material security	1.13	1.00, 1.29	0.052
Extraversion	1.03	0.92, 1.15	0.579
Openness to experience	0.96	0.85, 1.08	0.502
Agreeableness	0.98	0.87, 1.11	0.783
Conscientiousness	1.02	0.91, 1.14	0.732
Neuroticism	1.07	0.96, 1.21	0.226
Depression symptoms composite	1.00	0.88, 1.14	0.999
Anxiety symptoms composite	0.90	0.81, 1.01	0.075
Loneliness	1.02	0.91, 1.13	0.761
Days exercise per week	1.12	1.00, 1.27	0.058
Year of birth (age group)			
1983-1993 (current age: 30-39 years)	—	—	
1973-1983 (current age: 40-49 years)	0.92	0.67, 1.26	0.607
1998-2005 (current age: 18-24 years)	0.98	0.70, 1.36	0.884
1993-1998 (current age: 25-29 years)	0.93	0.69, 1.25	0.632
1963-1973 (current age: 50-59 years)	0.81	0.51, 1.27	0.358
1953-1963 (current age: 60-69 years)	1.62	0.81, 3.22	0.171
1943-1953 (current age: 70-79 years)	0.75	0.28, 2.03	0.569
1943 or earlier (current age: 80+ years)	0.03	0.00, 0.27	0.002
Gender of respondent			
Female	—	—	
Male	0.96	0.76, 1.22	0.750
Other	0.00	0.00, 0.00	2.82e-43
Marital status			
Single/Never been married	—	—	
Married	1.24	0.87, 1.76	0.237
Domestic partner	0.96	0.66, 1.39	0.808
Widowed	1.47	0.81, 2.66	0.206
Separated	0.74	0.38, 1.45	0.378
Divorced	0.55	0.24, 1.26	0.158
Employment status			
Unemployed and looking for a job	—	—	
Employed for an employer	0.86	0.63, 1.16	0.319
Self-employed	0.95	0.68, 1.34	0.781
Student	1.30	0.84, 1.99	0.235
Retired	0.95	0.45, 2.01	0.899
Homemaker	1.12	0.64, 1.95	0.698
None of these/Other	0.84	0.39, 1.82	0.656
Religious attendance			
Once a week	—	—	
One to three times a month	0.98	0.74, 1.30	0.883
A few times a year	0.88	0.65, 1.21	0.437
More than once a week	0.81	0.58, 1.15	0.244
Never	1.09	0.77, 1.54	0.629
Educational attainment (16+ years)			
9-15	—	—	

Table S25e. Summary of fitted attrition model in South Africa

Characteristic	Odds Ratio	95% CI	p-value
<i>Up to 8</i>	1.23	0.80, 1.89	0.342
<i>16+</i>	1.08	0.76, 1.53	0.681
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.86	0.42, 1.78	0.686
Race plurality (prominent race/ethnic group [0] or not [1])	0.92	0.83, 1.03	0.139
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A rural area or on a farm</i>	0.94	0.71, 1.25	0.676
<i>A suburb of a large city</i>	1.09	0.81, 1.45	0.574
<i>A large city</i>	0.98	0.67, 1.43	0.919
Monthly household income			
<i>South Africa: 1,001 – 2,000 rand/month</i>	—	—	
<i>South Africa: 2,001 – 3,000 rand/month</i>	0.88	0.62, 1.25	0.482
<i>South Africa: 351 – 1,000 rand/month</i>	1.15	0.76, 1.73	0.509
<i>(None/No household income)</i>	1.14	0.76, 1.71	0.513
<i>South Africa: 201 – 350 rand/month</i>	1.07	0.69, 1.68	0.754
<i>South Africa: 3,001 – 4,000 rand/month</i>	0.50	0.32, 0.79	0.003
<i>South Africa: 4,001 – 5,000 rand/month</i>	1.63	0.99, 2.70	0.056
<i>South Africa: 5,001 – 6,000 rand/month</i>	0.71	0.39, 1.30	0.267
<i>South Africa: 6,001 – 8,000 rand/month</i>	0.75	0.41, 1.39	0.363
<i>South Africa: 10,001 – 15,000 rand/month</i>	0.93	0.46, 1.86	0.836
<i>South Africa: 8,001 – 10,000 rand/month</i>	0.73	0.37, 1.43	0.356
<i>South Africa: 15,001 – 20,000 rand/month</i>	0.86	0.36, 2.04	0.731
<i>South Africa: 200 rand/month or less</i>	0.72	0.37, 1.43	0.352
<i>South Africa: 20,001 – 30,000 rand/month</i>	0.59	0.26, 1.32	0.194
<i>South Africa: More than 30,000 rand/month</i>	1.17	0.47, 2.92	0.739

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=2651; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S25f. Summary of principal components in South Africa

PC	Percent Explained by each PC	Cumulative Percent Explained
1	31.42	31.42
2	4.14	35.56
3	2.87	38.43
4	2.12	40.55
5	1.92	42.47
6	1.85	44.32
7	1.79	46.11
8	1.61	47.72
9	1.53	49.25
10	1.44	50.68
11	1.37	52.06
12	1.34	53.40
13	1.31	54.71
14	1.27	55.98
15	1.19	57.17
16	1.17	58.34
17	1.15	59.48
18	1.14	60.62
19	1.11	61.73
20	1.07	62.80

Notes. N=2651; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S25g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in South Africa

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.35	(0.28,0.42)	0.03	2.22e-16***	0.27	(0.20,0.35)	0.04	2.92e-10***
Flourishing index	0.33	(0.26,0.39)	0.03	1.69e-14***	0.22	(0.15,0.29)	0.04	5.38e-08***
Happiness & life satisfaction	0.25	(0.19,0.31)	0.03	2.31e-12***	0.09	(0.02,0.15)	0.03	0.007*
Physical & mental health	0.20	(0.15,0.26)	0.03	1.37e-11***	0.07	(0.02,0.13)	0.03	0.012*
Meaning & purpose	0.26	(0.19,0.32)	0.03	6.04e-12***	0.12	(0.06,0.19)	0.03	4.28e-04***
Character & virtue	0.17	(0.10,0.23)	0.03	8.18e-07***	0.03	(-0.04,0.09)	0.03	0.421
Close social relationships	0.28	(0.21,0.34)	0.03	1.28e-11***	0.17	(0.11,0.24)	0.03	1.54e-06***
Financial & material security	0.21	(0.15,0.27)	0.03	4.84e-12***	0.12	(0.06,0.17)	0.03	1.07e-04***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.19	(0.13,0.24)	0.03	9.14e-10***	0.02	(-0.04,0.07)	0.03	0.557
Happiness (a)	0.24	(0.18,0.31)	0.03	2.73e-10***	0.10	(0.04,0.17)	0.03	3.7e-03**
Self-rated physical health (b)	0.16	(0.10,0.22)	0.03	2.24e-07***	0.04	(-0.02,0.10)	0.03	0.223
Self-rated mental health (b)	0.19	(0.13,0.25)	0.03	2.68e-08***	0.07	(0.01,0.14)	0.03	0.030*
Understanding purpose (c)	0.21	(0.14,0.28)	0.04	1.6e-07***	0.10	(0.03,0.18)	0.04	0.009*
Meaningful activities (c)	0.20	(0.14,0.27)	0.03	2.79e-08***	0.07	(0.01,0.14)	0.03	0.036*
Orientation to promote good (d)	0.13	(0.07,0.19)	0.03	1.9e-05***	0.00	(-0.06,0.07)	0.03	0.876
Delayed gratification (d)	0.14	(0.08,0.21)	0.03	5.05e-05***	0.03	(-0.03,0.10)	0.03	0.358
Relationship contentment (e)	0.24	(0.17,0.31)	0.04	1.12e-08***	0.14	(0.07,0.22)	0.04	1.86e-04***
Relationship satisfaction (e)	0.24	(0.18,0.31)	0.03	2.04e-10***	0.13	(0.06,0.20)	0.03	2.83e-04***
Financial security (f)	0.18	(0.13,0.24)	0.03	3.08e-10***	0.08	(0.02,0.14)	0.03	0.007*
Material security (f)	0.20	(0.14,0.25)	0.03	3.37e-10***	0.09	(0.03,0.15)	0.03	2.61e-03**
<i>Psychological Well-Being</i>								
Current life evaluation	0.22	(0.16,0.27)	0.03	1.06e-11***	0.10	(0.05,0.16)	0.03	3.74e-04***
Future life evaluation	0.14	(0.08,0.20)	0.03	4.73e-05***	0.03	(-0.03,0.09)	0.03	0.389
Optimism	0.16	(0.10,0.23)	0.03	2.63e-06***	0.10	(0.04,0.16)	0.03	2.79e-03**
Freedom to pursue what's important	0.23	(0.17,0.30)	0.03	1.42e-10***	0.13	(0.07,0.20)	0.03	1.58e-04***
Inner peace	0.18	(0.11,0.24)	0.03	3.35e-07***	0.09	(0.02,0.15)	0.03	0.008*
Life balance	0.20	(0.14,0.26)	0.03	9.57e-10***	0.11	(0.05,0.17)	0.03	1.12e-03**
Sense of mastery	0.10	(0.04,0.16)	0.03	1.2e-03**	0.02	(-0.04,0.08)	0.03	0.511
<i>Psychological Distress</i>								
Traumatic distress	-0.06	(-0.12,-0.01)	0.03	0.024*	-0.03	(-0.08,0.02)	0.03	0.206
Depression symptoms composite	-0.09	(-0.15,-0.03)	0.03	0.005*	0.05	(-0.01,0.11)	0.03	0.134
Depression – feel hopeless	-0.09	(-0.15,-0.04)	0.03	1.03e-03**	0.03	(-0.03,0.09)	0.03	0.323
Depression – loss of interest	-0.03	(-0.10,0.03)	0.03	0.354	0.05	(-0.01,0.12)	0.03	0.095
Anxiety symptoms composite	-0.12	(-0.17,-0.07)	0.03	1.49e-05***	-0.02	(-0.07,0.03)	0.03	0.413
Anxiety – feel on edge	-0.07	(-0.13,-0.00)	0.03	0.039*	0.04	(-0.03,0.11)	0.03	0.257
Anxiety – cannot stop worrying	-0.14	(-0.20,-0.09)	0.03	3.59e-07***	-0.06	(-0.13,0.01)	0.03	0.078
Suffering	-0.16	(-0.22,-0.11)	0.03	2.39e-08***	-0.09	(-0.15,-0.03)	0.03	3.93e-03**
<i>Social Well-Being</i>								
Social support	0.14	(0.07,0.20)	0.03	1.01e-04***	0.04	(-0.03,0.11)	0.04	0.327
Intimate/close friend	0.03	(-0.03,0.09)	0.03	0.284	0.01	(-0.05,0.07)	0.03	0.833
Government approval	0.02	(-0.04,0.08)	0.03	0.530	-0.01	(-0.07,0.05)	0.03	0.665
Say in government	0.05	(0.00,0.11)	0.03	0.050	-0.01	(-0.06,0.05)	0.03	0.776
Belonging in country	0.16	(0.10,0.22)	0.03	1.39e-06***	0.03	(-0.03,0.10)	0.03	0.298
City/place satisfaction	0.02	(-0.03,0.08)	0.03	0.426	-0.01	(-0.06,0.05)	0.03	0.823
Trust within country	0.02	(-0.04,0.09)	0.03	0.518	0.01	(-0.05,0.07)	0.03	0.792
<i>Social Participation</i>								
Ever been married	0.14	(-0.04,0.33)	0.09	0.134	0.14	(-0.03,0.31)	0.09	0.105
Currently divorced	-0.08	(-0.15,-0.00)	0.04	0.050*	-0.04	(-0.11,0.03)	0.04	0.289
Number of children	0.02	(-0.04,0.09)	0.03	0.434	0.01	(-0.05,0.07)	0.03	0.848
Weekly+ community participation	0.03	(-0.03,0.09)	0.03	0.348	0.01	(-0.05,0.08)	0.03	0.644
Weekly+ religious attendance	0.05	(-0.01,0.11)	0.03	0.116	0.01	(-0.06,0.07)	0.03	0.852
<i>Social Distress</i>								
Loneliness	-0.18	(-0.25,-0.11)	0.03	8.76e-07***	-0.08	(-0.15,-0.02)	0.03	0.013*
Perceived discrimination	-0.02	(-0.09,0.05)	0.03	0.597	-0.00	(-0.07,0.06)	0.03	0.884
<i>Character & Prosocial Behavior</i>								
Hope	0.20	(0.13,0.26)	0.03	1.29e-07***	0.12	(0.05,0.19)	0.04	1.94e-03**
Gratitude	0.19	(0.12,0.26)	0.04	3.16e-06***	0.08	(0.01,0.15)	0.04	0.028*
Showing love/care	0.13	(0.06,0.20)	0.04	5.82e-04***	0.03	(-0.03,0.10)	0.03	0.304
Forgivingness	0.02	(-0.04,0.09)	0.03	0.492	-0.01	(-0.08,0.05)	0.03	0.678
Charitable giving	-0.02	(-0.07,0.03)	0.03	0.507	-0.02	(-0.08,0.03)	0.03	0.357
Helping strangers	0.03	(-0.04,0.09)	0.03	0.437	0.01	(-0.05,0.08)	0.03	0.709
Volunteering	0.02	(-0.04,0.08)	0.03	0.531	0.02	(-0.04,0.08)	0.03	0.539
<i>Physical Health & Health Behavior</i>								
Health problems	0.01	(-0.05,0.08)	0.03	0.661	0.06	(-0.01,0.12)	0.03	0.078
Pain in past 4 weeks	-0.10	(-0.16,-0.04)	0.03	1.36e-03**	-0.04	(-0.10,0.02)	0.03	0.215
Daily smoker	0.01	(-0.05,0.06)	0.03	0.827	0.00	(-0.05,0.06)	0.03	0.923
Number of drinks per week	-0.03	(-0.09,0.03)	0.03	0.374	-0.02	(-0.07,0.04)	0.03	0.511
Days exercise per week	0.10	(0.05,0.16)	0.03	3.05e-04***	0.07	(0.02,0.12)	0.03	0.006*
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.02	(-0.07,0.02)	0.02	0.295	-0.03	(-0.07,0.02)	0.02	0.228
Currently employed	0.14	(0.08,0.21)	0.03	1.81e-05***	0.11	(0.05,0.17)	0.03	5.54e-04***
Financially comfortable/getting by	0.02	(-0.04,0.08)	0.03	0.554	-0.04	(-0.10,0.01)	0.03	0.129
Own home	-0.01	(-0.08,0.05)	0.03	0.653	-0.04	(-0.10,0.02)	0.03	0.237
Income – top quintile	-0.00	(-0.06,0.05)	0.03	0.911	-0.00	(-0.05,0.05)	0.03	0.941
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.16	(0.10,0.22)	0.03	5.58e-07***	0.12	(0.06,0.18)	0.03	1.06e-04***
Belief in life after death	0.03	(-0.04,0.09)	0.03	0.411	-0.01	(-0.07,0.05)	0.03	0.835
Transformative religious experience	0.05	(-0.01,0.11)	0.03	0.109	0.05	(-0.01,0.10)	0.03	0.124
Religious reading or listening	0.03	(-0.03,0.09)	0.03	0.355	0.03	(-0.03,0.09)	0.03	0.326
Prayer or meditation	-0.01	(-0.07,0.06)	0.03	0.870	-0.04	(-0.10,0.02)	0.03	0.242
Belief in God/gods/spiritual forces	-0.00	(-0.06,0.06)	0.03	0.996	-0.02	(-0.08,0.04)	0.03	0.493
Religious centrality	0.11	(0.05,0.17)	0.03	8.52e-04**	0.07	(0.01,0.12)	0.03	0.023*
Religious/spiritual comfort	0.15	(0.08,0.22)	0.03	3.79e-05***	0.11	(0.04,0.17)	0.03	1.24e-03**
Feel loved by God	0.07	(0.01,0.13)	0.03	0.033*	0.02	(-0.03,0.07)	0.03	0.450
Feel punished by God	-0.00	(-0.07,0.06)	0.03	0.888	0.03	(-0.03,0.09)	0.03	0.394
Experienced religious criticism	0.05	(-0.01,0.11)	0.03	0.094	0.05	(-0.00,0.11)	0.03	0.068
Faith-sharing	0.12	(0.06,0.19)	0.03	3.36e-04***	0.10	(0.04,0.16)	0.03	1.77e-03**

Notes. N=2651; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S25h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in South Africa using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.30	(0.22,0.38)	0.04	6.46e-12***	0.24	(0.15,0.33)	0.05	1.81e-07***
Flourishing index	0.27	(0.19,0.35)	0.04	2.06e-11***	0.19	(0.10,0.27)	0.04	3.07e-05***
Happiness & life satisfaction	0.21	(0.12,0.29)	0.04	2.98e-06***	0.06	(-0.04,0.15)	0.05	0.245
Physical & mental health	0.17	(0.09,0.24)	0.04	2.73e-05***	0.07	(-0.01,0.15)	0.04	0.101
Meaning & purpose	0.21	(0.12,0.29)	0.04	1.54e-06***	0.12	(0.04,0.20)	0.04	0.005*
Character & virtue	0.13	(0.05,0.21)	0.04	1.55e-03**	0.04	(-0.04,0.11)	0.04	0.374
Close social relationships	0.24	(0.17,0.32)	0.04	1.43e-10***	0.17	(0.08,0.26)	0.05	1.91e-04***
Financial & material security	0.19	(0.10,0.28)	0.04	1.98e-05***	0.11	(0.03,0.20)	0.04	0.008*
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.14	(0.06,0.22)	0.04	8.66e-04**	-0.01	(-0.10,0.07)	0.04	0.736
Happiness (a)	0.21	(0.13,0.29)	0.04	2.34e-07***	0.09	(0.01,0.17)	0.04	0.026*
Self-rated physical health (b)	0.13	(0.05,0.20)	0.04	7.15e-04**	0.03	(-0.04,0.11)	0.04	0.381
Self-rated mental health (b)	0.16	(0.08,0.24)	0.04	1.21e-04***	0.08	(-0.01,0.16)	0.04	0.079
Understanding purpose (c)	0.18	(0.10,0.26)	0.04	1.99e-05***	0.10	(0.01,0.18)	0.04	0.024*
Meaningful activities (c)	0.16	(0.08,0.25)	0.04	1.39e-04***	0.08	(-0.00,0.16)	0.04	0.052
Orientation to promote good (d)	0.10	(0.02,0.17)	0.04	0.013*	0.01	(-0.06,0.08)	0.04	0.773
Delayed gratification (d)	0.12	(0.03,0.21)	0.05	0.011*	0.04	(-0.04,0.13)	0.04	0.322
Relationship contentment (e)	0.20	(0.13,0.28)	0.04	4.66e-07***	0.13	(0.03,0.22)	0.05	0.012*
Relationship satisfaction (e)	0.23	(0.15,0.31)	0.04	1.34e-08***	0.15	(0.07,0.23)	0.04	5.46e-04***
Financial security (f)	0.16	(0.07,0.24)	0.04	3.64e-04***	0.07	(-0.01,0.15)	0.04	0.106
Material security (f)	0.18	(0.10,0.27)	0.04	1.13e-05***	0.10	(0.02,0.18)	0.04	0.019*
<i>Psychological Well-Being</i>								
Current life evaluation	0.21	(0.12,0.30)	0.05	3.84e-06***	0.13	(0.05,0.21)	0.04	2.36e-03**
Future life evaluation	0.11	(0.02,0.19)	0.04	0.013*	0.03	(-0.05,0.12)	0.04	0.425
Optimism	0.15	(0.07,0.23)	0.04	2.93e-04***	0.10	(0.02,0.18)	0.04	0.017*
Freedom to pursue what's important	0.22	(0.14,0.30)	0.04	3.34e-08***	0.14	(0.07,0.22)	0.04	2.31e-04***
Inner peace	0.14	(0.07,0.21)	0.04	1.77e-04***	0.07	(-0.01,0.15)	0.04	0.074
Life balance	0.19	(0.12,0.26)	0.04	6.3e-07***	0.12	(0.04,0.20)	0.04	4.24e-03**
Sense of mastery	0.11	(0.03,0.20)	0.04	0.010*	0.04	(-0.04,0.12)	0.04	0.290
<i>Psychological Distress</i>								
Traumatic distress	-0.04	(-0.11,0.04)	0.04	0.328	-0.00	(-0.07,0.07)	0.03	0.976
Depression symptoms composite	-0.04	(-0.13,0.04)	0.04	0.290	0.08	(-0.00,0.16)	0.04	0.059
Depression – feel hopeless	-0.06	(-0.13,0.01)	0.04	0.113	0.05	(-0.03,0.12)	0.04	0.221
Depression – loss of interest	-0.02	(-0.11,0.07)	0.04	0.662	0.07	(-0.01,0.15)	0.04	0.082
Anxiety symptoms composite	-0.07	(-0.14,0.01)	0.04	0.079	0.01	(-0.06,0.08)	0.04	0.805
Anxiety – feel on edge	-0.03	(-0.11,0.04)	0.04	0.389	0.07	(-0.00,0.15)	0.04	0.063
Anxiety – cannot stop worrying	-0.15	(-0.22,-0.07)	0.04	1.15e-04***	-0.10	(-0.18,-0.02)	0.04	0.010*
Suffering	-0.14	(-0.22,-0.06)	0.04	5.1e-04***	-0.06	(-0.15,0.02)	0.04	0.157
<i>Social Well-Being</i>								
Social support	0.18	(0.10,0.25)	0.04	7.16e-06***	0.08	(0.00,0.16)	0.04	0.049*
Intimate/close friend	-0.01	(-0.09,0.08)	0.04	0.886	-0.02	(-0.10,0.06)	0.04	0.568
Government approval	-0.01	(-0.09,0.07)	0.04	0.834	-0.05	(-0.12,0.02)	0.04	0.168
Say in government	0.01	(-0.06,0.08)	0.04	0.701	-0.04	(-0.11,0.03)	0.04	0.239
Belonging in country	0.15	(0.06,0.23)	0.04	5.38e-04***	0.03	(-0.06,0.12)	0.04	0.500
City/place satisfaction	0.05	(-0.03,0.12)	0.04	0.209	0.01	(-0.07,0.08)	0.04	0.877
Trust within country	0.04	(-0.05,0.12)	0.04	0.402	0.03	(-0.05,0.11)	0.04	0.470
<i>Social Participation</i>								
Ever been married	0.28	(0.02,0.53)	0.13	0.035*	0.20	(-0.05,0.45)	0.13	0.115
Currently divorced	-0.05	(-0.13,0.03)	0.04	0.201	-0.05	(-0.13,0.03)	0.04	0.200
Number of children	-0.01	(-0.11,0.08)	0.05	0.756	-0.01	(-0.10,0.08)	0.05	0.849
Weekly+ community participation	0.01	(-0.07,0.09)	0.04	0.777	0.01	(-0.07,0.09)	0.04	0.775
Weekly+ religious attendance	0.04	(-0.03,0.11)	0.04	0.239	0.01	(-0.07,0.08)	0.04	0.842
<i>Social Distress</i>								
Loneliness	-0.15	(-0.24,-0.06)	0.05	1.66e-03**	-0.07	(-0.16,0.03)	0.05	0.163
Perceived discrimination	-0.06	(-0.14,0.02)	0.04	0.136	-0.03	(-0.11,0.04)	0.04	0.394
<i>Character & Prosocial Behavior</i>								
Hope	0.19	(0.11,0.27)	0.04	3.98e-06***	0.13	(0.05,0.21)	0.04	1.55e-03**
Gratitude	0.17	(0.09,0.25)	0.04	4.89e-05***	0.10	(0.02,0.18)	0.04	0.011*
Showing love/care	0.12	(0.04,0.20)	0.04	2.24e-03**	0.06	(-0.02,0.15)	0.04	0.160
Forgivingness	-0.01	(-0.10,0.07)	0.04	0.773	-0.03	(-0.11,0.06)	0.04	0.502
Charitable giving	-0.05	(-0.12,0.03)	0.04	0.213	-0.05	(-0.13,0.03)	0.04	0.234
Helping strangers	0.00	(-0.07,0.08)	0.04	0.921	-0.00	(-0.08,0.08)	0.04	0.971
Volunteering	-0.03	(-0.10,0.05)	0.04	0.516	0.00	(-0.07,0.07)	0.04	0.971
<i>Physical Health & Health Behavior</i>								
Health problems	-0.01	(-0.10,0.08)	0.05	0.866	0.04	(-0.04,0.12)	0.04	0.311
Pain in past 4 weeks	-0.12	(-0.21,-0.04)	0.04	0.005*	-0.07	(-0.15,0.02)	0.04	0.139
Daily smoker	0.01	(-0.06,0.08)	0.04	0.846	-0.01	(-0.08,0.06)	0.04	0.821
Number of drinks per week	-0.01	(-0.08,0.05)	0.03	0.642	-0.01	(-0.08,0.05)	0.03	0.676
Days exercise per week	0.08	(0.00,0.15)	0.04	0.050*	0.05	(-0.03,0.12)	0.04	0.225
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	-0.07	(-0.14,-0.01)	0.03	0.033*	-0.07	(-0.13,-0.01)	0.03	0.023*
Currently employed	0.19	(0.11,0.26)	0.04	1.83e-06***	0.14	(0.07,0.22)	0.04	2.09e-04***
Financially comfortable/getting by	0.04	(-0.04,0.12)	0.04	0.328	-0.00	(-0.08,0.07)	0.04	0.902
Own home	-0.03	(-0.10,0.04)	0.04	0.407	-0.05	(-0.12,0.02)	0.04	0.159
Income – top quintile	-0.00	(-0.09,0.09)	0.05	0.980	-0.00	(-0.09,0.08)	0.04	0.940
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.13	(0.06,0.21)	0.04	3.37e-04***	0.12	(0.04,0.19)	0.04	1.7e-03**
Belief in life after death	-0.01	(-0.09,0.07)	0.04	0.831	-0.00	(-0.08,0.08)	0.04	0.995
Transformative religious experience	0.07	(-0.01,0.15)	0.04	0.082	0.06	(-0.02,0.15)	0.04	0.119
Religious reading or listening	-0.01	(-0.09,0.08)	0.04	0.838	0.02	(-0.07,0.10)	0.04	0.713
Prayer or meditation	-0.00	(-0.07,0.07)	0.03	0.973	-0.02	(-0.08,0.05)	0.03	0.649
Belief in God/gods/spiritual forces	-0.05	(-0.12,0.02)	0.04	0.177	-0.04	(-0.10,0.03)	0.04	0.309
Religious centrality	0.12	(0.05,0.20)	0.04	1.67e-03**	0.11	(0.03,0.18)	0.04	3.99e-03**
Religious/spiritual comfort	0.13	(0.06,0.21)	0.04	6.37e-04***	0.12	(0.04,0.19)	0.04	3.27e-03**
Feel loved by God	0.01	(-0.06,0.08)	0.04	0.790	-0.01	(-0.08,0.05)	0.03	0.674
Feel punished by God	-0.02	(-0.10,0.05)	0.04	0.580	0.02	(-0.06,0.10)	0.04	0.593
Experienced religious criticism	0.04	(-0.04,0.11)	0.04	0.342	0.07	(-0.01,0.14)	0.04	0.091
Faith-sharing	0.06	(-0.02,0.14)	0.04	0.139	0.06	(-0.02,0.14)	0.04	0.143

Notes. N=978; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S25i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in South Africa

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	1.76	1.65	1.62	1.50	1.65	1.51	1.55	1.40
Flourishing index	1.70	1.59	1.53	1.40	1.59	1.46	1.45	1.30
Happiness & life satisfaction	1.43	1.36	1.22	1.11	1.37	1.26	1.17	1.00
Physical & mental health	1.39	1.32	1.21	1.09	1.34	1.23	1.19	1.00
Meaning & purpose	1.48	1.40	1.30	1.18	1.41	1.29	1.28	1.14
Character & virtue	1.37	1.27	1.12	1.00	1.31	1.17	1.14	1.00
Close social relationships	1.47	1.39	1.35	1.26	1.42	1.33	1.33	1.21
Financial & material security	1.33	1.27	1.23	1.15	1.30	1.21	1.22	1.10
Individual Flourishing Index Items								
Life satisfaction	1.32	1.25	1.08	1.00	1.26	1.16	1.07	1.00
Happiness	1.39	1.32	1.23	1.13	1.35	1.26	1.21	1.07
Self-rated physical health	1.30	1.23	1.12	1.00	1.26	1.16	1.12	1.00
Self-rated mental health	1.35	1.27	1.20	1.06	1.31	1.20	1.19	1.00
Understanding purpose	1.38	1.29	1.24	1.11	1.34	1.23	1.23	1.08
Meaningful activities	1.34	1.26	1.18	1.04	1.29	1.19	1.19	1.00
Orientation to promote good	1.29	1.20	1.05	1.00	1.24	1.10	1.07	1.00
Delayed gratification	1.29	1.20	1.12	1.00	1.25	1.11	1.14	1.00
Relationship contentment	1.40	1.32	1.29	1.19	1.35	1.26	1.26	1.11
Relationship satisfaction	1.39	1.32	1.26	1.17	1.37	1.28	1.28	1.17
Financial security	1.29	1.23	1.18	1.09	1.25	1.16	1.15	1.00
Material security	1.29	1.23	1.18	1.10	1.27	1.19	1.19	1.07
Psychological Well-Being								
Current life evaluation	1.35	1.28	1.22	1.14	1.34	1.24	1.25	1.14
Future life evaluation	1.29	1.20	1.11	1.00	1.25	1.10	1.13	1.00
Optimism	1.34	1.25	1.25	1.14	1.31	1.19	1.25	1.09
Freedom to pursue what's important	1.41	1.33	1.28	1.19	1.38	1.29	1.29	1.18
Inner peace	2.35	1.92	1.74	1.30	2.08	1.60	1.61	1.00
Life balance	2.33	1.97	1.79	1.42	2.24	1.81	1.84	1.37
Sense of mastery	1.92	1.46	1.28	1.00	1.97	1.34	1.47	1.00
Psychological Distress								
Traumatic distress	1.52	1.15	1.33	1.00	1.34	1.00	1.05	1.00
Depression symptoms composite	1.65	1.29	1.42	1.00	1.40	1.00	1.61	1.00
Depression – feel hopeless	1.74	1.39	1.34	1.00	1.51	1.00	1.44	1.00
Depression – loss of interest	1.33	1.00	1.48	1.00	1.24	1.00	1.58	1.00
Anxiety symptoms composite	1.84	1.54	1.26	1.00	1.55	1.00	1.16	1.00
Anxiety – feel on edge	1.60	1.12	1.40	1.00	1.35	1.00	1.63	1.00
Anxiety – cannot stop worrying	2.02	1.70	1.52	1.00	2.05	1.60	1.76	1.29
Suffering	2.10	1.78	1.67	1.31	1.98	1.52	1.51	1.00
Social Well-Being								
Social support	1.26	1.18	1.12	1.00	1.30	1.21	1.19	1.02
Intimate/close friend	1.38	1.00	1.14	1.00	1.14	1.00	1.30	1.00
Government approval	1.23	1.00	1.18	1.00	1.14	1.00	1.43	1.00
Say in government	1.44	1.03	1.14	1.00	1.19	1.00	1.37	1.00
Belonging in country	1.30	1.22	1.12	1.00	1.28	1.17	1.11	1.00
City/place satisfaction	1.26	1.00	1.12	1.00	1.41	1.00	1.11	1.00
Trust within country	1.25	1.00	1.14	1.00	1.35	1.00	1.31	1.00
Social Participation								
Ever been married	1.98	1.00	1.99	1.00	2.86	1.24	2.35	1.00
Currently divorced	2.73	1.15	1.91	1.00	2.24	1.00	2.26	1.00
Number of children	1.12	1.00	1.06	1.00	1.09	1.00	1.07	1.00
Weekly+ community participation	1.32	1.00	1.21	1.00	1.19	1.00	1.19	1.00
Weekly+ religious attendance	1.41	1.00	1.11	1.00	1.38	1.00	1.13	1.00
Social Distress								
Loneliness	1.30	1.22	1.19	1.08	1.26	1.15	1.16	1.00
Perceived discrimination	1.23	1.00	1.11	1.00	1.49	1.00	1.33	1.00
Character & Prosocial Behavior								
Hope	1.40	1.31	1.29	1.17	1.39	1.28	1.31	1.17
Gratitude	1.35	1.26	1.21	1.07	1.33	1.22	1.24	1.10
Showing love/care	1.31	1.19	1.14	1.00	1.28	1.15	1.19	1.00
Forgivingness	1.31	1.00	1.23	1.00	1.21	1.00	1.36	1.00
Charitable giving	1.25	1.00	1.31	1.00	1.48	1.00	1.50	1.00
Helping strangers	1.28	1.00	1.18	1.00	1.09	1.00	1.06	1.00
Volunteering	1.25	1.00	1.24	1.00	1.30	1.00	1.06	1.00
Physical Health & Health Behavior								
Health problems	1.22	1.00	1.51	1.00	1.16	1.00	1.45	1.00
Pain in past 4 weeks	1.74	1.39	1.37	1.00	1.87	1.36	1.54	1.00
Daily smoker	1.13	1.00	1.08	1.00	1.14	1.00	1.16	1.00
Number of drinks per week	1.07	1.00	1.05	1.00	1.05	1.00	1.05	1.00
Days exercise per week	1.24	1.15	1.20	1.10	1.20	1.01	1.15	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.41	1.00	1.45	1.00	1.96	1.18	1.94	1.24
Currently employed	1.96	1.61	1.78	1.44	2.21	1.78	1.96	1.54
Financially comfortable/getting by	1.22	1.00	1.38	1.00	1.37	1.00	1.10	1.00
Own home	1.20	1.00	1.36	1.00	1.33	1.00	1.44	1.00
Income – top quintile	1.09	1.00	1.07	1.00	1.05	1.00	1.10	1.00
Religion & Spirituality								
Religious/spiritual connection	2.35	1.89	2.05	1.62	2.13	1.60	2.01	1.48
Belief in life after death	1.28	1.00	1.12	1.00	1.15	1.00	1.02	1.00
Transformative religious experience	1.43	1.00	1.40	1.00	1.55	1.00	1.51	1.00
Religious reading or listening	1.31	1.00	1.31	1.00	1.15	1.00	1.21	1.00
Prayer or meditation	1.12	1.00	1.36	1.00	1.05	1.00	1.22	1.00
Belief in God/gods/spiritual forces	1.03	1.00	1.43	1.00	1.89	1.00	1.67	1.00
Religious centrality	1.86	1.46	1.59	1.18	1.97	1.46	1.85	1.37
Religious/spiritual comfort	2.41	1.84	2.03	1.51	2.19	1.60	2.07	1.46
Feel loved by God	1.82	1.17	1.34	1.00	1.22	1.00	1.27	1.00
Feel punished by God	1.10	1.00	1.28	1.00	1.25	1.00	1.24	1.00
Experienced religious criticism	1.43	1.00	1.45	1.00	1.35	1.00	1.52	1.00
Faith-sharing	1.89	1.50	1.74	1.38	1.52	1.00	1.52	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates.

E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S26a. Weighted summary statistics for demographic and childhood variables in Spain

Characteristic	Wave 1 N = 6,290	Wave 2 N = 2,917
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	40 (0.6%)	22 (0.7%)
1943-1953 (current age: 70-79 years)	492 (7.8%)	269 (9.2%)
1953-1963 (current age: 60-69 years)	950 (15.1%)	450 (15.4%)
1963-1973 (current age: 50-59 years)	1,196 (19.0%)	600 (20.6%)
1973-1983 (current age: 40-49 years)	1,373 (21.8%)	628 (21.5%)
1983-1993 (current age: 30-39 years)	1,127 (17.9%)	512 (17.5%)
1993-1998 (current age: 25-29 years)	472 (7.5%)	217 (7.4%)
1998-2005 (current age: 18-24 years)	639 (10.2%)	219 (7.5%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	46.4	47.9
Standard Deviation	15.9	15.6
Min, Max	18.0, 88.0	19.0, 88.0
<i>Gender, n (%)</i>		
Male	3,133 (49.8%)	1,450 (49.7%)
Female	3,128 (49.7%)	1,457 (49.9%)
Other	6 (0.1%)	1 (0.0%)
(Missing)	23 (0.4%)	9 (0.3%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,782 (28.3%)	799 (27.4%)
Married	2,930 (46.6%)	1,406 (48.2%)
Separated	236 (3.8%)	89 (3.0%)
Divorced	509 (8.1%)	254 (8.7%)
Widowed	188 (3.0%)	74 (2.6%)
Domestic partner	586 (9.3%)	258 (8.9%)
(Missing)	58 (0.9%)	36 (1.2%)
<i>Education (years), n (%)</i>		
Up to 8	918 (14.6%)	306 (10.5%)
9-15	4,085 (64.9%)	1,920 (65.8%)
16+	1,284 (20.4%)	691 (23.7%)
(Missing)	3 (0.1%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	2,844 (45.2%)	1,345 (46.1%)
Self-employed	577 (9.2%)	233 (8.0%)
Retired	1,268 (20.2%)	609 (20.9%)
Student	466 (7.4%)	171 (5.9%)
Homemaker	362 (5.7%)	130 (4.5%)
Unemployed and looking for a job	644 (10.2%)	300 (10.3%)
None of these/Other	120 (1.9%)	81 (2.8%)
(Missing)	9 (0.1%)	48 (1.6%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	323 (5.1%)	151 (5.2%)
Once a week	672 (10.7%)	243 (8.3%)
One to three times a month	438 (7.0%)	185 (6.3%)
A few times a year	1,968 (31.3%)	1,107 (37.9%)
Never	2,863 (45.5%)	1,221 (41.9%)
(Missing)	27 (0.4%)	11 (0.4%)
<i>Immigration status, n (%)</i>		
Born in this country	5,459 (86.8%)	2,551 (87.5%)

Table S26a. Weighted summary statistics for demographic and childhood variables in Spain

Characteristic	Wave 1 N = 6,290	Wave 2 N = 2,917
Born in another country	811 (12.9%)	358 (12.3%)
(Missing)	20 (0.3%)	8 (0.3%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	5,268 (83.7%)	2,535 (86.9%)
Parents were divorced	391 (6.2%)	153 (5.2%)
Parents were never married	321 (5.1%)	119 (4.1%)
One or both of them had died	130 (2.1%)	56 (1.9%)
Unsure	74 (1.2%)	20 (0.7%)
(Missing)	106 (1.7%)	34 (1.2%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	2,370 (37.7%)	1,137 (39.0%)
One to three times a month	1,132 (18.0%)	522 (17.9%)
Less than once a month	1,302 (20.7%)	570 (19.6%)
Never	1,448 (23.0%)	670 (23.0%)
(Missing)	38 (0.6%)	18 (0.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	4,547 (72.3%)	2,084 (71.4%)
Somewhat good	1,264 (20.1%)	588 (20.2%)
Somewhat bad	245 (3.9%)	115 (3.9%)
Very bad	96 (1.5%)	51 (1.7%)
(Does not apply)	109 (1.7%)	66 (2.3%)
(Missing)	28 (0.4%)	13 (0.4%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	4,114 (65.4%)	1,914 (65.6%)
Somewhat good	1,402 (22.3%)	651 (22.3%)
Somewhat bad	315 (5.0%)	136 (4.7%)
Very bad	179 (2.8%)	90 (3.1%)
(Does not apply)	249 (4.0%)	111 (3.8%)
(Missing)	31 (0.5%)	15 (0.5%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	601 (9.6%)	283 (9.7%)
No	5,617 (89.3%)	2,598 (89.1%)
(Missing)	72 (1.1%)	37 (1.3%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	663 (10.5%)	309 (10.6%)
No	5,517 (87.7%)	2,575 (88.3%)
(Missing)	110 (1.8%)	34 (1.1%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,440 (38.8%)	1,085 (37.2%)
Very good	2,312 (36.8%)	1,110 (38.1%)
Good	1,224 (19.5%)	562 (19.3%)
Fair	164 (2.6%)	77 (2.6%)
Poor	132 (2.1%)	71 (2.4%)
(Missing)	18 (0.3%)	12 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	2,048 (32.6%)	925 (31.7%)
Got by	2,938 (46.7%)	1,332 (45.7%)
Found it difficult	1,167 (18.6%)	580 (19.9%)
Found it very difficult	110 (1.7%)	62 (2.1%)
(Missing)	26 (0.4%)	18 (0.6%)

Table S26a. Weighted summary statistics for demographic and childhood variables in Spain

Characteristic	Wave 1 N = 6,290	Wave 2 N = 2,917
<i>Religious affiliation growing up, n (%)</i>		
Christianity	5,101 (81.1%)	2,380 (81.6%)
Taoism	0 (0%)	0 (0%)
Confucianism	1 (0.0%)	1 (0.0%)
Primal, Animist, or Folk religion	4 (0.1%)	0 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	134 (2.1%)	45 (1.5%)
Hinduism	5 (0.1%)	2 (0.1%)
Buddhism	8 (0.1%)	5 (0.2%)
Judaism	5 (0.1%)	1 (0.0%)
Sikhism	2 (0.0%)	1 (0.0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	13 (0.2%)	4 (0.2%)
No religion/Atheist/Agnostic	989 (15.7%)	464 (15.9%)
(Missing)	27 (0.4%)	14 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S26b. Weighted summary statistics for exposure and outcome variables in Spain

Outcome	Wave 1 N = 6,290	Wave 2 N = 2,917
<i>Secure flourishing index</i>		
Mean	6.9	6.8
Standard Deviation	1.4	1.4
Min, Max	0.0, 10.0	0.8, 10.0
(Missing)	146 (2.3%)	50 (1.7%)
<i>Flourishing index</i>		
Mean	7.3	7.2
Standard Deviation	1.4	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	137 (2.2%)	43 (1.5%)
<i>Happiness & life satisfaction</i>		
Mean	6.9	6.7
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.4%)	7 (0.2%)
<i>Physical & mental health</i>		
Mean	7.1	6.9
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.4%)	11 (0.4%)
<i>Meaning & purpose</i>		
Mean	7.3	7.2
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	41 (0.7%)	13 (0.4%)
<i>Character & virtue</i>		
Mean	7.8	7.7
Standard Deviation	1.5	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.4%)	7 (0.2%)
<i>Close social relationships</i>		
Mean	7.4	7.2
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.6%)	8 (0.3%)
<i>Financial & material security</i>		
Mean	4.8	5.1
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	8 (0.3%)
<i>Life satisfaction</i>		
Mean	6.8	6.7
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	4 (0.1%)
<i>Happiness</i>		
Mean	6.9	6.8
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	4 (0.1%)
<i>Self-rated physical health</i>		

Table S26b. Weighted summary statistics for exposure and outcome variables in Spain

Outcome	Wave 1 N = 6,290	Wave 2 N = 2,917
Mean	6.8	6.7
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.3%)	11 (0.4%)
<i>Self-rated mental health</i>		
Mean	7.4	7.2
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.1%)	1 (<0.1%)
<i>Understanding purpose</i>		
Mean	7.3	7.2
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.4%)	8 (0.3%)
<i>Meaningful activities</i>		
Mean	7.3	7.2
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	5 (0.2%)
<i>Orientation to promote good</i>		
Mean	8.1	8.0
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.3%)	5 (0.2%)
<i>Delayed gratification</i>		
Mean	7.5	7.4
Standard Deviation	2.0	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.1%)	2 (<0.1%)
<i>Relationship contentment</i>		
Mean	7.7	7.5
Standard Deviation	2.0	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.3%)	6 (0.2%)
<i>Relationship satisfaction</i>		
Mean	7.1	6.9
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.4%)	5 (0.2%)
<i>Financial security</i>		
Mean	4.7	4.9
Standard Deviation	3.3	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.1%)	2 (<0.1%)
<i>Material security</i>		
Mean	5.0	5.2
Standard Deviation	3.3	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (<0.1%)	6 (0.2%)
<i>Current life evaluation</i>		
Mean	6.7	6.5

Table S26b. Weighted summary statistics for exposure and outcome variables in Spain

Outcome	Wave 1 N = 6,290	Wave 2 N = 2,917
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.1%)	7 (0.2%)
<i>Future life evaluation</i>		
Mean	7.6	7.4
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	20 (0.7%)
<i>Optimism</i>		
Mean	8.3	8.1
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.3%)	6 (0.2%)
<i>Freedom to pursue what's important</i>		
Mean	7.4	7.4
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	4 (0.1%)
<i>Inner peace, n (%)</i>		
Always	777 (12.3%)	459 (15.7%)
Often	2,710 (43.1%)	1,206 (41.3%)
Rarely	2,352 (37.4%)	1,067 (36.6%)
Never	428 (6.8%)	168 (5.8%)
(Missing)	24 (0.4%)	18 (0.6%)
<i>Life balance, n (%)</i>		
Always	985 (15.7%)	497 (17.0%)
Often	3,829 (60.9%)	1,739 (59.6%)
Rarely	1,337 (21.3%)	617 (21.1%)
Never	130 (2.1%)	63 (2.2%)
(Missing)	8 (0.1%)	2 (0.1%)
<i>Sense of mastery, n (%)</i>		
Always	1,530 (24.3%)	737 (25.3%)
Often	3,828 (60.9%)	1,751 (60.0%)
Rarely	815 (12.9%)	345 (11.8%)
Never	82 (1.3%)	55 (1.9%)
(Missing)	36 (0.6%)	29 (1.0%)
<i>Traumatic distress, n (%)</i>		
A lot	724 (11.5%)	339 (11.6%)
Some	1,618 (25.7%)	756 (25.9%)
Not very much	1,791 (28.5%)	840 (28.8%)
Not at all	2,149 (34.2%)	977 (33.5%)
(Missing)	9 (0.2%)	4 (0.2%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,856 (29.7%)	899 (30.9%)
	39 (0.6%)	7 (0.3%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	576 (9.2%)	301 (10.3%)
More than half the days	844 (13.4%)	407 (13.9%)
Several days	2,211 (35.2%)	1,020 (35.0%)
Not at all	2,639 (42.0%)	1,187 (40.7%)
(Missing)	20 (0.3%)	3 (0.1%)
<i>Depression – loss of interest, n (%)</i>		

Table S26b. Weighted summary statistics for exposure and outcome variables in Spain

Outcome	Wave 1 N = 6,290	Wave 2 N = 2,917
Nearly every day	522 (8.3%)	277 (9.5%)
More than half the days	1,131 (18.0%)	510 (17.5%)
Several days	2,411 (38.3%)	1,167 (40.0%)
Not at all	2,202 (35.0%)	957 (32.8%)
(Missing)	23 (0.4%)	5 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	2,042 (32.6%)	1,006 (34.7%)
(Missing)	32 (0.5%)	15 (0.5%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	797 (12.7%)	439 (15.1%)
More than half the days	982 (15.6%)	471 (16.1%)
Several days	2,783 (44.2%)	1,272 (43.6%)
Not at all	1,704 (27.1%)	723 (24.8%)
(Missing)	25 (0.4%)	12 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	695 (11.0%)	330 (11.3%)
More than half the days	872 (13.9%)	460 (15.8%)
Several days	2,045 (32.5%)	942 (32.3%)
Not at all	2,667 (42.4%)	1,181 (40.5%)
(Missing)	11 (0.2%)	4 (0.1%)
<i>Suffering, n (%)</i>		
A lot	737 (11.7%)	433 (14.9%)
Some	2,301 (36.6%)	1,183 (40.6%)
Not very much	2,146 (34.1%)	975 (33.4%)
Not at all	1,073 (17.1%)	306 (10.5%)
(Missing)	32 (0.5%)	19 (0.7%)
<i>Social support</i>		
Mean	8.1	8.0
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	35 (0.6%)	16 (0.6%)
<i>Intimate/close friend, n (%)</i>		
Yes	5,454 (86.7%)	2,516 (86.3%)
No	810 (12.9%)	387 (13.3%)
(Missing)	26 (0.4%)	14 (0.5%)
<i>Government approval, n (%)</i>		
Strongly approve	419 (6.7%)	224 (7.7%)
Somewhat approve	1,797 (28.6%)	801 (27.5%)
Neither approve nor disapprove	1,430 (22.7%)	582 (19.9%)
Somewhat disapprove	1,478 (23.5%)	682 (23.4%)
Strongly disapprove	1,134 (18.0%)	619 (21.2%)
(Missing)	32 (0.5%)	10 (0.3%)
<i>Say in government, n (%)</i>		
Agree	897 (14.3%)	481 (16.5%)
Disagree	3,805 (60.5%)	1,793 (61.5%)
Unsure	1,565 (24.9%)	641 (22.0%)
(Missing)	23 (0.4%)	3 (0.1%)
<i>Belonging in country</i>		
Mean	7.5	7.4
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	50 (0.8%)	17 (0.6%)

Table S26b. Weighted summary statistics for exposure and outcome variables in Spain

Outcome	Wave 1 N = 6,290	Wave 2 N = 2,917
<i>City/place satisfaction, n (%)</i>		
Satisfied	5,049 (80.3%)	2,299 (78.8%)
Dissatisfied	767 (12.2%)	381 (13.1%)
Unsure	418 (6.6%)	200 (6.8%)
(Missing)	56 (0.9%)	37 (1.3%)
<i>Trust within country, n (%)</i>		
All people	104 (1.6%)	64 (2.2%)
Most people	987 (15.7%)	491 (16.8%)
Some people	2,736 (43.5%)	1,296 (44.4%)
Not very many people	2,199 (35.0%)	968 (33.2%)
None	223 (3.6%)	89 (3.1%)
(Missing)	40 (0.6%)	8 (0.3%)
<i>Number of children</i>		
Mean	0.6	0.5
Standard Deviation	1.3	0.9
Min, Max	0.0, 23.0	0.0, 16.0
(Missing)	52 (0.8%)	416 (14%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	732 (11.6%)	397 (13.6%)
Once a week	716 (11.4%)	280 (9.6%)
One to three times a month	621 (9.9%)	312 (10.7%)
A few times a year	1,589 (25.3%)	710 (24.3%)
Never	2,617 (41.6%)	1,215 (41.7%)
(Missing)	14 (0.2%)	3 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	323 (5.1%)	151 (5.2%)
Once a week	672 (10.7%)	243 (8.3%)
One to three times a month	438 (7.0%)	185 (6.3%)
A few times a year	1,968 (31.3%)	1,107 (37.9%)
Never	2,863 (45.5%)	1,221 (41.9%)
(Missing)	27 (0.4%)	11 (0.4%)
<i>Loneliness</i>		
Mean	3.3	3.4
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.1%)	4 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	281 (4.5%)	140 (4.8%)
Often	959 (15.2%)	464 (15.9%)
Rarely	2,225 (35.4%)	1,144 (39.2%)
Never	2,817 (44.8%)	1,165 (39.9%)
(Missing)	8 (0.1%)	3 (0.1%)
<i>Hope</i>		
Mean	8.1	7.9
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.4%)	19 (0.6%)
<i>Gratitude</i>		
Mean	7.8	7.6
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0

Table S26b. Weighted summary statistics for exposure and outcome variables in Spain

Outcome	Wave 1 N = 6,290	Wave 2 N = 2,917
(Missing)	20 (0.3%)	18 (0.6%)
<i>Showing love/care</i>		
Mean	8.3	8.2
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.2%)	1 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	1,414 (22.5%)	652 (22.3%)
Often	3,471 (55.2%)	1,626 (55.7%)
Rarely	1,219 (19.4%)	568 (19.5%)
Never	179 (2.8%)	70 (2.4%)
(Missing)	7 (0.1%)	2 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	2,210 (35.1%)	919 (31.5%)
No	4,061 (64.6%)	1,969 (67.5%)
(Missing)	19 (0.3%)	28 (1.0%)
<i>Helping strangers, n (%)</i>		
Yes	3,381 (53.8%)	1,519 (52.1%)
No	2,895 (46.0%)	1,381 (47.3%)
(Missing)	14 (0.2%)	17 (0.6%)
<i>Volunteering, n (%)</i>		
Yes	1,088 (17.3%)	527 (18.1%)
No	5,180 (82.4%)	2,370 (81.3%)
(Missing)	22 (0.3%)	20 (0.7%)
<i>Health problems, n (%)</i>		
Yes	1,223 (19.4%)	605 (20.7%)
No	4,984 (79.2%)	2,272 (77.9%)
(Missing)	83 (1.3%)	40 (1.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	815 (13.0%)	412 (14.1%)
Some	2,136 (34.0%)	1,065 (36.5%)
Not very much	2,096 (33.3%)	931 (31.9%)
None at all	1,238 (19.7%)	508 (17.4%)
(Missing)	4 (0.1%)	1 (0.0%)
<i>Number of drinks per week</i>		
Mean	3.4	3.6
Standard Deviation	7.4	7.9
Min, Max	0.0, 95.0	0.0, 85.0
(Missing)	68 (1.1%)	49 (1.7%)
<i>Days exercise per week</i>		
Mean	2.7	2.7
Standard Deviation	2.4	2.4
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	6 (<0.1%)	6 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	918 (14.6%)	306 (10.5%)
9-15	4,085 (64.9%)	1,920 (65.8%)
16+	1,284 (20.4%)	691 (23.7%)
(Missing)	3 (0.1%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	2,844 (45.2%)	1,345 (46.1%)

Table S26b. Weighted summary statistics for exposure and outcome variables in Spain

Outcome	Wave 1 N = 6,290	Wave 2 N = 2,917
Self-employed	577 (9.2%)	233 (8.0%)
Retired	1,268 (20.2%)	609 (20.9%)
Student	466 (7.4%)	171 (5.9%)
Homemaker	362 (5.7%)	130 (4.5%)
Unemployed and looking for a job	644 (10.2%)	300 (10.3%)
None of these/Other	120 (1.9%)	81 (2.8%)
(Missing)	9 (0.1%)	48 (1.6%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,178 (18.7%)	607 (20.8%)
Getting by on present income	2,703 (43.0%)	1,254 (43.0%)
Finding it difficult on present income	1,730 (27.5%)	773 (26.5%)
Finding it very difficult on present income	547 (8.7%)	220 (7.5%)
(Missing)	132 (2.1%)	64 (2.2%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	3,554 (56.5%)	1,776 (60.9%)
Someone in this household rents this home	1,182 (18.8%)	480 (16.5%)
Both	178 (2.8%)	95 (3.3%)
Neither	1,246 (19.8%)	515 (17.7%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	131 (2.1%)	51 (1.7%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,089 (17.3%)	530 (18.2%)
Often	1,629 (25.9%)	671 (23.0%)
Rarely	1,964 (31.2%)	873 (29.9%)
Never	1,598 (25.4%)	841 (28.8%)
(Missing)	9 (0.1%)	1 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	2,516 (40.0%)	1,068 (36.6%)
No	1,712 (27.2%)	844 (28.9%)
Unsure	2,013 (32.0%)	994 (34.1%)
(Missing)	49 (0.8%)	11 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,333 (21.2%)	549 (18.8%)
No	4,925 (78.3%)	2,363 (81.0%)
(Missing)	32 (0.5%)	5 (0.2%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	273 (4.3%)	96 (3.3%)
About once a day	477 (7.6%)	150 (5.2%)
Sometimes	2,230 (35.5%)	810 (27.8%)
Never	3,266 (51.9%)	1,841 (63.1%)
(Missing)	44 (0.7%)	20 (0.7%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	601 (9.6%)	194 (6.7%)
About once a day	1,060 (16.8%)	394 (13.5%)
Sometimes	2,415 (38.4%)	950 (32.6%)
Never	2,195 (34.9%)	1,374 (47.1%)
(Missing)	19 (0.3%)	5 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	2,807 (44.6%)	1,213 (41.6%)

Table S26b. Weighted summary statistics for exposure and outcome variables in Spain

Outcome	Wave 1 N = 6,290	Wave 2 N = 2,917
More than one god	135 (2.1%)	67 (2.3%)
An impersonal spiritual force	1,074 (17.1%)	505 (17.3%)
None of these	1,418 (22.5%)	708 (24.3%)
Unsure	831 (13.2%)	415 (14.2%)
(Missing)	25 (0.4%)	9 (0.3%)
<i>Religious centrality, n (%)</i>		
Agree	1,669 (26.5%)	738 (25.3%)
Disagree	1,286 (20.4%)	607 (20.8%)
Not relevant	2,457 (39.1%)	1,199 (41.1%)
Unsure	796 (12.7%)	347 (11.9%)
(Missing)	82 (1.3%)	26 (0.9%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	2,306 (36.7%)	978 (33.5%)
Disagree	1,174 (18.7%)	555 (19.0%)
Not relevant	2,103 (33.4%)	1,100 (37.7%)
Unsure	669 (10.6%)	283 (9.7%)
(Missing)	38 (0.6%)	1 (0.0%)
<i>Feel loved by God, n (%)</i>		
Agree	2,300 (36.6%)	971 (33.3%)
Disagree	1,178 (18.7%)	558 (19.1%)
Not relevant	2,017 (32.1%)	1,005 (34.4%)
Unsure	756 (12.0%)	371 (12.7%)
(Missing)	40 (0.6%)	12 (0.4%)
<i>Feel punished by God, n (%)</i>		
Agree	601 (9.6%)	242 (8.3%)
Disagree	3,026 (48.1%)	1,392 (47.7%)
Not relevant	1,934 (30.7%)	950 (32.6%)
Unsure	689 (11.0%)	324 (11.1%)
(Missing)	40 (0.6%)	9 (0.3%)
<i>Experienced religious criticism, n (%)</i>		
Agree	404 (6.4%)	171 (5.9%)
Disagree	2,692 (42.8%)	1,179 (40.4%)
Not relevant	2,397 (38.1%)	1,209 (41.5%)
Unsure	747 (11.9%)	347 (11.9%)
(Missing)	50 (0.8%)	10 (0.3%)
<i>Faith-sharing, n (%)</i>		
Agree	1,657 (26.3%)	700 (24.0%)
Disagree	2,086 (33.2%)	940 (32.2%)
Not relevant	2,163 (34.4%)	1,104 (37.8%)
Unsure	349 (5.5%)	170 (5.8%)
(Missing)	36 (0.6%)	3 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S26c. Unweighted summary statistics for demographic and childhood variables in Spain by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 2,927	Retained-Observed in Wave 2 N = 3,329
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	12 (0.4%)	29 (0.9%)
1943-1953 (current age: 70-79 years)	190 (6.5%)	302 (9.1%)
1953-1963 (current age: 60-69 years)	269 (9.2%)	687 (20.6%)
1963-1973 (current age: 50-59 years)	454 (15.5%)	742 (22.3%)
1973-1983 (current age: 40-49 years)	631 (21.6%)	735 (22.1%)
1983-1993 (current age: 30-39 years)	610 (20.8%)	505 (15.2%)
1993-1998 (current age: 25-29 years)	299 (10.2%)	166 (5.0%)
1998-2005 (current age: 18-24 years)	462 (15.8%)	164 (4.9%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	42.1	50.3
Standard Deviation	16.0	14.8
Min, Max	18.0, 88.0	18.0, 86.0
<i>Gender, n (%)</i>		
Male	1,454 (49.7%)	1,663 (50.0%)
Female	1,455 (49.7%)	1,657 (49.8%)
Other	6 (0.2%)	1 (0.0%)
(Missing)	14 (0.5%)	9 (0.3%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,024 (35.0%)	736 (22.1%)
Married	1,116 (38.1%)	1,814 (54.5%)
Separated	132 (4.5%)	102 (3.0%)
Divorced	233 (8.0%)	273 (8.2%)
Widowed	74 (2.5%)	114 (3.4%)
Domestic partner	314 (10.7%)	266 (8.0%)
(Missing)	34 (1.2%)	24 (0.7%)
<i>Education (years), n (%)</i>		
Up to 8	530 (18.1%)	376 (11.3%)
9-15	1,861 (63.6%)	2,204 (66.2%)
16+	536 (18.3%)	745 (22.4%)
(Missing)	0 (0%)	3 (0.1%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,268 (43.3%)	1,564 (47.0%)
Self-employed	300 (10.3%)	272 (8.2%)
Retired	456 (15.6%)	814 (24.5%)
Student	309 (10.5%)	149 (4.5%)
Homemaker	153 (5.2%)	208 (6.2%)
Unemployed and looking for a job	363 (12.4%)	274 (8.2%)
None of these/Other	71 (2.4%)	47 (1.4%)
(Missing)	7 (0.2%)	1 (0.0%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	196 (6.7%)	122 (3.7%)
Once a week	321 (11.0%)	347 (10.4%)
One to three times a month	234 (8.0%)	200 (6.0%)
A few times a year	870 (29.7%)	1,090 (32.8%)
Never	1,290 (44.1%)	1,559 (46.8%)
(Missing)	16 (0.5%)	10 (0.3%)
<i>Immigration status, n (%)</i>		

Table S26c. Unweighted summary statistics for demographic and childhood variables in Spain by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 2,927	Retained-Observed in Wave 2 N = 3,329
Born in this country	2,421 (82.7%)	3,016 (90.6%)
Born in another country	493 (16.9%)	306 (9.2%)
(Missing)	13 (0.4%)	7 (0.2%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,272 (77.6%)	2,978 (89.5%)
Parents were divorced	245 (8.4%)	140 (4.2%)
Parents were never married	212 (7.2%)	104 (3.1%)
One or both of them had died	69 (2.4%)	60 (1.8%)
Unsure	55 (1.9%)	18 (0.5%)
(Missing)	75 (2.6%)	28 (0.9%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,001 (34.2%)	1,362 (40.9%)
One to three times a month	555 (18.9%)	570 (17.1%)
Less than once a month	639 (21.8%)	654 (19.6%)
Never	715 (24.4%)	723 (21.7%)
(Missing)	18 (0.6%)	20 (0.6%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	2,089 (71.3%)	2,436 (73.2%)
Somewhat good	602 (20.6%)	655 (19.7%)
Somewhat bad	124 (4.3%)	119 (3.6%)
Very bad	46 (1.6%)	50 (1.5%)
(Does not apply)	50 (1.7%)	59 (1.8%)
(Missing)	17 (0.6%)	11 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,867 (63.8%)	2,228 (66.9%)
Somewhat good	654 (22.3%)	740 (22.2%)
Somewhat bad	165 (5.6%)	146 (4.4%)
Very bad	91 (3.1%)	86 (2.6%)
(Does not apply)	131 (4.5%)	115 (3.5%)
(Missing)	18 (0.6%)	13 (0.4%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	308 (10.5%)	288 (8.6%)
No	2,580 (88.1%)	3,009 (90.4%)
(Missing)	39 (1.3%)	32 (1.0%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	328 (11.2%)	330 (9.9%)
No	2,524 (86.2%)	2,966 (89.1%)
(Missing)	76 (2.6%)	33 (1.0%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,209 (41.3%)	1,213 (36.4%)
Very good	1,001 (34.2%)	1,303 (39.2%)
Good	574 (19.6%)	642 (19.3%)
Fair	71 (2.4%)	93 (2.8%)
Poor	68 (2.3%)	64 (1.9%)
(Missing)	5 (0.2%)	13 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,017 (34.7%)	1,016 (30.5%)

Table S26c. Unweighted summary statistics for demographic and childhood variables in Spain by retention status

Characteristic	Attriters-Not Observed in	Retained-Observed in
	Wave 2 N = 2,927	Wave 2 N = 3,329
Got by	1,328 (45.4%)	1,597 (48.0%)
Found it difficult	520 (17.8%)	643 (19.3%)
Found it very difficult	49 (1.7%)	61 (1.8%)
(Missing)	14 (0.5%)	13 (0.4%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	2,288 (78.2%)	2,791 (83.9%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	1 (0.0%)
Primal, Animist, or Folk religion	4 (0.1%)	0 (0.0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	100 (3.4%)	32 (0.9%)
Hinduism	2 (0.1%)	3 (0.1%)
Buddhism	5 (0.2%)	3 (0.1%)
Judaism	5 (0.2%)	1 (0.0%)
Sikhism	1 (0.0%)	1 (0.0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	8 (0.3%)	4 (0.1%)
No religion/Atheist/Agnostic	504 (17.2%)	477 (14.3%)
(Missing)	11 (0.4%)	16 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S26d. Unweighted summary statistics for Wave 1 outcome variables in Spain by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 2,927	Wave 2 N = 3,329
<i>Secure flourishing index</i>		
Mean	6.9	6.9
Standard Deviation	1.4	1.4
Min, Max	0.0, 10.0	1.0, 10.0
(Missing)	69 (2.4%)	76 (2.3%)
<i>Flourishing index</i>		
Mean	7.3	7.3
Standard Deviation	1.5	1.4
Min, Max	0.0, 10.0	1.1, 10.0
(Missing)	64 (2.2%)	73 (2.2%)
<i>Happiness & life satisfaction</i>		
Mean	6.8	6.9
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.6%)	11 (0.3%)
<i>Physical & mental health</i>		
Mean	7.2	7.1
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.5%)	12 (0.4%)
<i>Meaning & purpose</i>		
Mean	7.3	7.3
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.5%)	26 (0.8%)
<i>Character & virtue</i>		
Mean	7.8	7.8
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.5, 10.0
(Missing)	17 (0.6%)	4 (0.1%)
<i>Close social relationships</i>		
Mean	7.4	7.4
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	29 (0.9%)
<i>Financial & material security</i>		
Mean	4.7	4.9
Standard Deviation	3.1	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	6 (0.2%)
<i>Life satisfaction</i>		
Mean	6.8	6.8
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.3%)	6 (0.2%)
<i>Happiness</i>		
Mean	6.9	6.9
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0

Table S26d. Unweighted summary statistics for Wave 1 outcome variables in Spain by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 2,927	N = 3,329
(Missing)	10 (0.4%)	5 (0.1%)
<i>Self-rated physical health</i>		
Mean	7.0	6.7
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.4%)	9 (0.3%)
<i>Self-rated mental health</i>		
Mean	7.4	7.4
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	3 (<0.1%)
<i>Understanding purpose</i>		
Mean	7.4	7.3
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.4%)	14 (0.4%)
<i>Meaningful activities</i>		
Mean	7.3	7.3
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (<0.1%)	12 (0.4%)
<i>Orientation to promote good</i>		
Mean	8.1	8.1
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.4%)	4 (0.1%)
<i>Delayed gratification</i>		
Mean	7.6	7.5
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	2 (<0.1%)
<i>Relationship contentment</i>		
Mean	7.7	7.7
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.3%)	11 (0.3%)
<i>Relationship satisfaction</i>		
Mean	7.1	7.1
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	22 (0.7%)
<i>Financial security</i>		
Mean	4.6	4.8
Standard Deviation	3.3	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.2%)	2 (<0.1%)
<i>Material security</i>		
Mean	4.9	5.1
Standard Deviation	3.4	3.2

Table S26d. Unweighted summary statistics for Wave 1 outcome variables in Spain by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 2,927	Wave 2 N = 3,329
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	4 (0.1%)
<i>Current life evaluation</i>		
Mean	6.7	6.7
Standard Deviation	2.1	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	1 (<0.1%)
<i>Future life evaluation</i>		
Mean	7.8	7.5
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.4%)	5 (0.2%)
<i>Optimism</i>		
Mean	8.3	8.2
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.3%)	9 (0.3%)
<i>Freedom to pursue what's important</i>		
Mean	7.4	7.5
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	2 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	360 (12.3%)	413 (12.4%)
Often	1,239 (42.3%)	1,457 (43.8%)
Rarely	1,134 (38.7%)	1,203 (36.1%)
Never	181 (6.2%)	246 (7.4%)
(Missing)	14 (0.5%)	10 (0.3%)
<i>Life balance, n (%)</i>		
Always	477 (16.3%)	502 (15.1%)
Often	1,745 (59.6%)	2,066 (62.1%)
Rarely	642 (21.9%)	687 (20.6%)
Never	62 (2.1%)	68 (2.0%)
(Missing)	2 (0.1%)	6 (0.2%)
<i>Sense of mastery, n (%)</i>		
Always	772 (26.4%)	745 (22.4%)
Often	1,662 (56.8%)	2,153 (64.7%)
Rarely	440 (15.0%)	366 (11.0%)
Never	40 (1.4%)	42 (1.3%)
(Missing)	13 (0.4%)	23 (0.7%)
<i>Traumatic distress, n (%)</i>		
A lot	404 (13.8%)	311 (9.4%)
Some	803 (27.4%)	802 (24.1%)
Not very much	818 (28.0%)	964 (28.9%)
Not at all	895 (30.6%)	1,249 (37.5%)
(Missing)	7 (0.2%)	2 (0.1%)
<i>Depression symptoms composite, n (%)</i>	953 (32.7%)	888 (26.8%)
(Missing)	16 (0.6%)	22 (0.7%)
<i>Depression – feel hopeless, n (%)</i>		

Table S26d. Unweighted summary statistics for Wave 1 outcome variables in Spain by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 2,927	Wave 2 N = 3,329
Nearly every day	308 (10.5%)	262 (7.9%)
More than half the days	435 (14.9%)	401 (12.1%)
Several days	1,071 (36.6%)	1,125 (33.8%)
Not at all	1,107 (37.8%)	1,525 (45.8%)
(Missing)	5 (0.2%)	14 (0.4%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	276 (9.4%)	242 (7.3%)
More than half the days	557 (19.0%)	567 (17.0%)
Several days	1,147 (39.2%)	1,250 (37.6%)
Not at all	934 (31.9%)	1,263 (37.9%)
(Missing)	15 (0.5%)	8 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	1,083 (37.1%)	940 (28.4%)
(Missing)	11 (0.4%)	21 (0.6%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	443 (15.1%)	345 (10.4%)
More than half the days	460 (15.7%)	516 (15.5%)
Several days	1,332 (45.5%)	1,434 (43.1%)
Not at all	684 (23.4%)	1,017 (30.6%)
(Missing)	9 (0.3%)	16 (0.5%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	373 (12.7%)	315 (9.4%)
More than half the days	465 (15.9%)	399 (12.0%)
Several days	976 (33.3%)	1,057 (31.8%)
Not at all	1,108 (37.8%)	1,554 (46.7%)
(Missing)	5 (0.2%)	5 (0.2%)
<i>Suffering, n (%)</i>		
A lot	387 (13.2%)	343 (10.3%)
Some	1,061 (36.2%)	1,228 (36.9%)
Not very much	961 (32.8%)	1,176 (35.3%)
Not at all	503 (17.2%)	564 (16.9%)
(Missing)	15 (0.5%)	17 (0.5%)
<i>Social support</i>		
Mean	8.1	8.1
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.8%)	11 (0.3%)
<i>Intimate/close friend, n (%)</i>		
Yes	2,552 (87.2%)	2,872 (86.3%)
No	357 (12.2%)	450 (13.5%)
(Missing)	19 (0.6%)	7 (0.2%)
<i>Government approval, n (%)</i>		
Strongly approve	207 (7.1%)	209 (6.3%)
Somewhat approve	749 (25.6%)	1,044 (31.4%)
Neither approve nor disapprove	836 (28.6%)	576 (17.3%)
Somewhat disapprove	679 (23.2%)	792 (23.8%)
Strongly disapprove	439 (15.0%)	694 (20.8%)
(Missing)	18 (0.6%)	14 (0.4%)
<i>Say in government, n (%)</i>		
Agree	411 (14.0%)	481 (14.5%)

Table S26d. Unweighted summary statistics for Wave 1 outcome variables in Spain by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 2,927	Wave 2 N = 3,329
Disagree	1,744 (59.6%)	2,042 (61.4%)
Unsure	756 (25.8%)	799 (24.0%)
(Missing)	16 (0.6%)	6 (0.2%)
<i>Belonging in country</i>		
Mean	7.5	7.5
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (1.1%)	17 (0.5%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	2,299 (78.5%)	2,725 (81.9%)
Dissatisfied	387 (13.2%)	374 (11.2%)
Unsure	211 (7.2%)	204 (6.1%)
(Missing)	30 (1.0%)	25 (0.8%)
<i>Trust within country, n (%)</i>		
All people	63 (2.1%)	39 (1.2%)
Most people	384 (13.1%)	603 (18.1%)
Some people	1,208 (41.3%)	1,517 (45.6%)
Not very many people	1,133 (38.7%)	1,048 (31.5%)
None	122 (4.2%)	99 (3.0%)
(Missing)	17 (0.6%)	23 (0.7%)
<i>Number of children</i>		
Mean	0.8	0.5
Standard Deviation	1.6	0.9
Min, Max	0.0, 23.0	0.0, 8.0
(Missing)	36 (1.2%)	16 (0.5%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	377 (12.9%)	349 (10.5%)
Once a week	336 (11.5%)	375 (11.3%)
One to three times a month	309 (10.6%)	307 (9.2%)
A few times a year	729 (24.9%)	852 (25.6%)
Never	1,166 (39.8%)	1,441 (43.3%)
(Missing)	10 (0.3%)	4 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	196 (6.7%)	122 (3.7%)
Once a week	321 (11.0%)	347 (10.4%)
One to three times a month	234 (8.0%)	200 (6.0%)
A few times a year	870 (29.7%)	1,090 (32.8%)
Never	1,290 (44.1%)	1,559 (46.8%)
(Missing)	16 (0.5%)	10 (0.3%)
<i>Loneliness</i>		
Mean	3.4	3.3
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.3%)	0 (0%)
<i>Perceived discrimination, n (%)</i>		
Always	168 (5.7%)	110 (3.3%)
Often	511 (17.5%)	439 (13.2%)
Rarely	1,074 (36.7%)	1,136 (34.1%)
Never	1,172 (40.0%)	1,639 (49.2%)

Table S26d. Unweighted summary statistics for Wave 1 outcome variables in Spain by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 2,927	Wave 2 N = 3,329
(Missing)	3 (0.1%)	5 (0.2%)
<i>Hope</i>		
Mean	8.1	8.0
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.5%)	9 (0.3%)
<i>Gratitude</i>		
Mean	7.8	7.8
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.4%)	7 (0.2%)
<i>Showing love/care</i>		
Mean	8.3	8.3
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.3%)	6 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	689 (23.5%)	716 (21.5%)
Often	1,552 (53.0%)	1,904 (57.2%)
Rarely	580 (19.8%)	632 (19.0%)
Never	103 (3.5%)	73 (2.2%)
(Missing)	3 (0.1%)	4 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	929 (31.7%)	1,275 (38.3%)
No	1,987 (67.9%)	2,046 (61.5%)
(Missing)	11 (0.4%)	7 (0.2%)
<i>Helping strangers, n (%)</i>		
Yes	1,733 (59.2%)	1,620 (48.7%)
No	1,187 (40.5%)	1,703 (51.2%)
(Missing)	8 (0.3%)	6 (0.2%)
<i>Volunteering, n (%)</i>		
Yes	550 (18.8%)	530 (15.9%)
No	2,365 (80.8%)	2,790 (83.8%)
(Missing)	13 (0.4%)	9 (0.3%)
<i>Health problems, n (%)</i>		
Yes	563 (19.2%)	654 (19.6%)
No	2,316 (79.1%)	2,641 (79.3%)
(Missing)	48 (1.6%)	34 (1.0%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	414 (14.2%)	394 (11.8%)
Some	994 (34.0%)	1,131 (34.0%)
Not very much	942 (32.2%)	1,145 (34.4%)
None at all	573 (19.6%)	658 (19.8%)
(Missing)	3 (0.1%)	1 (0.0%)
<i>Number of drinks per week</i>		
Mean	3.4	3.5
Standard Deviation	8.1	6.7
Min, Max	0.0, 85.0	0.0, 95.0
(Missing)	37 (1.3%)	30 (0.9%)

Table S26d. Unweighted summary statistics for Wave 1 outcome variables in Spain by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2 N = 2,927	Wave 2 N = 3,329
<i>Days exercise per week</i>		
Mean	2.6	2.7
Standard Deviation	2.3	2.4
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	2 (<0.1%)	4 (0.1%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	530 (18.1%)	376 (11.3%)
9-15	1,861 (63.6%)	2,204 (66.2%)
16+	536 (18.3%)	745 (22.4%)
(Missing)	0 (0%)	3 (0.1%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,268 (43.3%)	1,564 (47.0%)
Self-employed	300 (10.3%)	272 (8.2%)
Retired	456 (15.6%)	814 (24.5%)
Student	309 (10.5%)	149 (4.5%)
Homemaker	153 (5.2%)	208 (6.2%)
Unemployed and looking for a job	363 (12.4%)	274 (8.2%)
None of these/Other	71 (2.4%)	47 (1.4%)
(Missing)	7 (0.2%)	1 (0.0%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	533 (18.2%)	640 (19.2%)
Getting by on present income	1,172 (40.1%)	1,522 (45.7%)
Finding it difficult on present income	850 (29.0%)	868 (26.1%)
Finding it very difficult on present income	280 (9.5%)	263 (7.9%)
(Missing)	92 (3.2%)	36 (1.1%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,449 (49.5%)	2,099 (63.1%)
Someone in this household rents this home	624 (21.3%)	547 (16.4%)
Both	102 (3.5%)	74 (2.2%)
Neither	662 (22.6%)	572 (17.2%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	90 (3.1%)	38 (1.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	601 (20.5%)	476 (14.3%)
Often	725 (24.8%)	897 (27.0%)
Rarely	884 (30.2%)	1,070 (32.2%)
Never	714 (24.4%)	877 (26.4%)
(Missing)	2 (0.1%)	7 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	1,267 (43.3%)	1,229 (36.9%)
No	738 (25.2%)	969 (29.1%)
Unsure	893 (30.5%)	1,112 (33.4%)
(Missing)	29 (1.0%)	19 (0.6%)
<i>Transformative religious experience, n (%)</i>		
Yes	746 (25.5%)	572 (17.2%)
No	2,160 (73.8%)	2,746 (82.5%)
(Missing)	21 (0.7%)	10 (0.3%)

Table S26d. Unweighted summary statistics for Wave 1 outcome variables in Spain by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 2,927	Wave 2 N = 3,329
<i>Religious reading or listening, n (%)</i>		
More than once a day	160 (5.5%)	110 (3.3%)
About once a day	283 (9.7%)	187 (5.6%)
Sometimes	1,016 (34.7%)	1,203 (36.1%)
Never	1,445 (49.4%)	1,808 (54.3%)
(Missing)	23 (0.8%)	21 (0.6%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	330 (11.3%)	265 (8.0%)
About once a day	519 (17.7%)	534 (16.0%)
Sometimes	1,063 (36.3%)	1,342 (40.3%)
Never	1,001 (34.2%)	1,184 (35.6%)
(Missing)	15 (0.5%)	4 (0.1%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	1,371 (46.8%)	1,416 (42.6%)
More than one god	72 (2.5%)	62 (1.9%)
An impersonal spiritual force	483 (16.5%)	585 (17.6%)
None of these	626 (21.4%)	786 (23.6%)
Unsure	359 (12.3%)	470 (14.1%)
(Missing)	16 (0.5%)	9 (0.3%)
<i>Religious centrality, n (%)</i>		
Agree	756 (25.8%)	906 (27.2%)
Disagree	606 (20.7%)	672 (20.2%)
Not relevant	1,138 (38.9%)	1,306 (39.2%)
Unsure	378 (12.9%)	413 (12.4%)
(Missing)	50 (1.7%)	31 (0.9%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,100 (37.6%)	1,191 (35.8%)
Disagree	556 (19.0%)	611 (18.4%)
Not relevant	945 (32.3%)	1,149 (34.5%)
Unsure	299 (10.2%)	368 (11.0%)
(Missing)	28 (0.9%)	10 (0.3%)
<i>Feel loved by God, n (%)</i>		
Agree	1,123 (38.4%)	1,161 (34.9%)
Disagree	518 (17.7%)	656 (19.7%)
Not relevant	927 (31.7%)	1,079 (32.4%)
Unsure	332 (11.4%)	421 (12.6%)
(Missing)	27 (0.9%)	12 (0.4%)
<i>Feel punished by God, n (%)</i>		
Agree	308 (10.5%)	288 (8.7%)
Disagree	1,365 (46.6%)	1,647 (49.5%)
Not relevant	895 (30.6%)	1,029 (30.9%)
Unsure	330 (11.3%)	355 (10.7%)
(Missing)	30 (1.0%)	9 (0.3%)
<i>Experienced religious criticism, n (%)</i>		
Agree	237 (8.1%)	162 (4.9%)
Disagree	1,190 (40.7%)	1,491 (44.8%)
Not relevant	1,079 (36.9%)	1,307 (39.3%)
Unsure	382 (13.0%)	359 (10.8%)
(Missing)	39 (1.3%)	9 (0.3%)

Table S26d. Unweighted summary statistics for Wave 1 outcome variables in Spain by retention status.

Outcome	Attrititors-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 2,927	N = 3,329
<i>Faith-sharing, n (%)</i>		
Agree	822 (28.1%)	823 (24.7%)
Disagree	885 (30.2%)	1,195 (35.9%)
Not relevant	1,016 (34.7%)	1,135 (34.1%)
Unsure	175 (6.0%)	171 (5.1%)
(Missing)	30 (1.0%)	5 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S26e. Summary of fitted attrition model in Spain

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	1.12	1.04, 1.20	0.003
Recruitment Survey Mode			
<i>CAWI</i>	—	—	
<i>CATI</i>	1.15	0.98, 1.36	0.087
Happiness & life satisfaction	1.08	0.96, 1.21	0.195
Physical & mental health	0.88	0.79, 0.98	0.020
Meaning & purpose	0.97	0.86, 1.09	0.584
Character & virtue	0.97	0.89, 1.05	0.462
Close social relationships	0.98	0.90, 1.07	0.608
Financial & material security	1.00	0.93, 1.09	0.931
Extraversion	0.93	0.86, 1.01	0.096
Openness to experience	0.97	0.90, 1.05	0.471
Agreeableness	0.95	0.87, 1.02	0.176
Conscientiousness	1.05	0.97, 1.14	0.245
Neuroticism	1.15	1.05, 1.25	0.002
Depression symptoms composite	1.00	0.91, 1.09	0.934
Anxiety symptoms composite	0.93	0.85, 1.02	0.138
Loneliness	1.06	0.97, 1.15	0.191
Days exercise per week	1.06	0.99, 1.15	0.116
Year of birth (age group)			
<i>1973-1983 (current age: 40-49 years)</i>	—	—	
<i>1983-1993 (current age: 30-39 years)</i>	0.74	0.61, 0.89	0.002
<i>1963-1973 (current age: 50-59 years)</i>	1.36	1.12, 1.65	0.002
<i>1998-2005 (current age: 18-24 years)</i>	0.38	0.27, 0.54	1.33e-07
<i>1953-1963 (current age: 60-69 years)</i>	1.91	1.41, 2.59	2.55e-05
<i>1993-1998 (current age: 25-29 years)</i>	0.53	0.40, 0.69	6.24e-06
<i>1943-1953 (current age: 70-79 years)</i>	1.21	0.76, 1.91	0.428
<i>1943 or earlier (current age: 80+ years)</i>	1.94	0.79, 4.76	0.148
Gender of respondent			
<i>Female</i>	—	—	
<i>Male</i>	0.97	0.83, 1.13	0.677
<i>Other</i>	0.11	0.01, 0.87	0.037
Marital status			
<i>Married</i>	—	—	
<i>Single/Never been married</i>	0.82	0.68, 0.99	0.034
<i>Domestic partner</i>	0.87	0.68, 1.13	0.296
<i>Divorced</i>	0.86	0.65, 1.12	0.259
<i>Separated</i>	0.80	0.56, 1.16	0.236
<i>Widowed</i>	0.98	0.58, 1.64	0.931
Employment status			
<i>Employed for an employer</i>	—	—	
<i>Unemployed and looking for a job</i>	0.97	0.77, 1.23	0.805
<i>Retired</i>	0.83	0.61, 1.13	0.241
<i>Self-employed</i>	0.73	0.59, 0.91	0.005
<i>Student</i>	1.03	0.70, 1.51	0.889
<i>Homemaker</i>	1.01	0.70, 1.46	0.951
<i>None of these/Other</i>	0.73	0.46, 1.15	0.173
Religious attendance			
<i>Never</i>	—	—	
<i>A few times a year</i>	0.97	0.82, 1.14	0.725
<i>Once a week</i>	0.96	0.73, 1.25	0.735
<i>One to three times a month</i>	0.86	0.65, 1.14	0.303

Table S26e. Summary of fitted attrition model in Spain

Characteristic	Odds Ratio	95% CI	p-value
<i>More than once a week</i>	0.59	0.41, 0.83	0.003
Educational attainment (16+ years)			
<i>9-15</i>	—	—	
<i>16+</i>	1.18	1.00, 1.40	0.049
<i>Up to 8</i>	0.46	0.35, 0.61	1.15e-07
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.74	0.60, 0.91	0.005
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A large city</i>	1.12	0.95, 1.33	0.168
<i>A rural area or on a farm</i>	0.86	0.68, 1.09	0.220
<i>A suburb of a large city</i>	0.82	0.64, 1.06	0.129
Monthly household income			
<i>Spain: 251 - 1,000 euros</i>	—	—	
<i>Spain: 1,001 - 1,250 euros</i>	1.23	0.93, 1.62	0.150
<i>Spain: 1,251 - 1,500 euros</i>	1.08	0.81, 1.44	0.582
<i>(None/No household income)</i>	0.60	0.40, 0.89	0.012
<i>Spain: 1,501 - 1,750 euros</i>	1.34	0.96, 1.86	0.088
<i>Spain: 1,751 - 2,000 euros</i>	1.33	0.95, 1.87	0.101
<i>Spain: 2,001 - 2,250 euros</i>	1.20	0.87, 1.66	0.275
<i>Spain: 250 euros or less</i>	1.05	0.72, 1.52	0.808
<i>Spain: 2,251 - 2,500 euros</i>	1.43	1.01, 2.02	0.042
<i>Spain: 2,751 - 3,000 euros</i>	1.24	0.85, 1.82	0.270
<i>Spain: 2,501 - 2,750 euros</i>	1.45	0.97, 2.16	0.068
<i>Spain: 3,001 - 3,500 euros</i>	1.61	1.08, 2.39	0.019
<i>Spain: 3,501 - 4,000 euros</i>	1.23	0.80, 1.88	0.339
<i>Spain: 4,001 - 5,000 euros</i>	1.28	0.77, 2.12	0.340
<i>Spain: 5,001 - 6,000 euros</i>	0.86	0.52, 1.43	0.559
<i>Spain: More than 6,000 euros</i>	0.89	0.52, 1.53	0.681

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=6290; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S26f. Summary of principal components in Spain

PC	Percent Explained by each PC	Cumulative Percent Explained
1	31.36	31.36
2	6.25	37.61
3	5.40	43.01
4	2.57	45.58
5	2.02	47.60
6	1.77	49.37
7	1.56	50.93
8	1.54	52.46
9	1.42	53.88
10	1.41	55.29
11	1.36	56.65
12	1.32	57.96
13	1.26	59.23
14	1.18	60.41
15	1.17	61.58
16	1.14	62.72
17	1.11	63.83
18	1.05	64.88
19	1.03	65.91
20	1.01	66.92

Notes. N=6290; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S26g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Spain

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.70	(0.66,0.73)	0.02	2.22e-16***	0.53	(0.48,0.58)	0.03	2.22e-16***
Flourishing index	0.67	(0.63,0.70)	0.02	2.22e-16***	0.48	(0.43,0.53)	0.02	2.22e-16***
Happiness & life satisfaction	0.53	(0.50,0.57)	0.02	2.22e-16***	0.21	(0.17,0.25)	0.02	2.22e-16***
Physical & mental health	0.53	(0.49,0.57)	0.02	2.22e-16***	0.21	(0.16,0.25)	0.02	2.22e-16***
Meaning & purpose	0.54	(0.50,0.58)	0.02	2.22e-16***	0.23	(0.19,0.28)	0.02	2.22e-16***
Character & virtue	0.29	(0.26,0.33)	0.02	2.22e-16***	0.12	(0.08,0.15)	0.02	1.92e-11***
Close social relationships	0.48	(0.44,0.52)	0.02	2.22e-16***	0.21	(0.17,0.25)	0.02	2.22e-16***
Financial & material security	0.33	(0.29,0.37)	0.02	2.22e-16***	0.18	(0.14,0.21)	0.02	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.51	(0.47,0.54)	0.02	2.22e-16***	0.18	(0.13,0.22)	0.02	3.77e-15***
Happiness (a)	0.50	(0.46,0.54)	0.02	2.22e-16***	0.16	(0.12,0.20)	0.02	3.85e-13***
Self-rated physical health (b)	0.44	(0.40,0.47)	0.02	2.22e-16***	0.15	(0.12,0.19)	0.02	3.18e-14***
Self-rated mental health (b)	0.49	(0.45,0.53)	0.02	2.22e-16***	0.14	(0.10,0.18)	0.02	1.2e-10***
Understanding purpose (c)	0.44	(0.40,0.47)	0.02	2.22e-16***	0.17	(0.13,0.20)	0.02	2.22e-16***
Meaningful activities (c)	0.47	(0.43,0.51)	0.02	2.22e-16***	0.15	(0.11,0.19)	0.02	5.39e-12***
Orientation to promote good (d)	0.26	(0.22,0.30)	0.02	2.22e-16***	0.10	(0.06,0.13)	0.02	1.28e-08***
Delayed gratification (d)	0.22	(0.18,0.26)	0.02	2.22e-16***	0.08	(0.05,0.11)	0.02	5.11e-08***
Relationship contentment (e)	0.43	(0.40,0.47)	0.02	2.22e-16***	0.16	(0.13,0.20)	0.02	2.22e-16***
Relationship satisfaction (e)	0.45	(0.41,0.49)	0.02	2.22e-16***	0.18	(0.14,0.21)	0.02	2.22e-16***
Financial security (f)	0.33	(0.29,0.36)	0.02	2.22e-16***	0.18	(0.15,0.22)	0.02	2.22e-16***
Material security (f)	0.28	(0.24,0.31)	0.02	2.22e-16***	0.12	(0.08,0.15)	0.02	4.16e-12***
<i>Psychological Well-Being</i>								
Current life evaluation	0.44	(0.40,0.48)	0.02	2.22e-16***	0.10	(0.07,0.14)	0.02	1.39e-08***
Future life evaluation	0.40	(0.36,0.44)	0.02	2.22e-16***	0.15	(0.12,0.18)	0.02	2.22e-16***
Optimism	0.31	(0.27,0.36)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	1.08e-03**
Freedom to pursue what's important	0.41	(0.37,0.45)	0.02	2.22e-16***	0.14	(0.11,0.18)	0.02	1.17e-12***
Inner peace	0.08	(0.05,0.12)	0.02	1.05e-05***	-0.00	(-0.03,0.03)	0.02	0.833
Life balance	0.28	(0.24,0.32)	0.02	2.22e-16***	0.02	(-0.01,0.05)	0.02	0.280
Sense of mastery	0.28	(0.25,0.32)	0.02	2.22e-16***	0.05	(0.02,0.08)	0.02	2.5e-03**
<i>Psychological Distress</i>								
Traumatic distress	-0.19	(-0.22,-0.15)	0.02	2.22e-16***	-0.04	(-0.07,-0.01)	0.02	0.016*
Depression symptoms composite	-0.32	(-0.36,-0.28)	0.02	2.22e-16***	-0.01	(-0.04,0.03)	0.02	0.759
Depression – feel hopeless	-0.33	(-0.37,-0.29)	0.02	2.22e-16***	0.02	(-0.02,0.05)	0.02	0.403
Depression – loss of interest	-0.27	(-0.31,-0.23)	0.02	2.22e-16***	0.01	(-0.03,0.04)	0.02	0.676
Anxiety symptoms composite	-0.30	(-0.34,-0.26)	0.02	2.22e-16***	0.02	(-0.01,0.05)	0.02	0.208
Anxiety – feel on edge	-0.31	(-0.34,-0.27)	0.02	2.22e-16***	0.03	(-0.01,0.06)	0.02	0.126
Anxiety – cannot stop worrying	-0.29	(-0.33,-0.25)	0.02	2.22e-16***	0.05	(0.01,0.09)	0.02	0.006*
Suffering	-0.28	(-0.31,-0.25)	0.02	2.22e-16***	-0.03	(-0.06,0.01)	0.02	0.111
<i>Social Well-Being</i>								
Social support	0.34	(0.30,0.37)	0.02	2.22e-16***	0.12	(0.08,0.15)	0.02	1.75e-12***
Intimate/close friend	0.11	(0.07,0.14)	0.02	1.62e-08***	0.02	(-0.01,0.04)	0.01	0.265
Government approval	0.06	(0.03,0.10)	0.02	1.21e-04***	-0.00	(-0.03,0.02)	0.01	0.793
Say in government	0.04	(0.00,0.08)	0.02	0.029*	-0.05	(-0.08,-0.02)	0.02	1.77e-03**
Belonging in country	0.18	(0.14,0.22)	0.02	2.22e-16***	0.04	(0.01,0.07)	0.01	3.71e-03**
City/place satisfaction	0.17	(0.14,0.21)	0.02	2.22e-16***	0.03	(-0.01,0.06)	0.02	0.109
Trust within country	0.11	(0.07,0.14)	0.02	1.23e-09***	0.01	(-0.01,0.04)	0.01	0.318
<i>Social Participation</i>								
Ever been married	0.01	(-0.12,0.15)	0.07	0.835	0.08	(-0.02,0.18)	0.05	0.138
Currently divorced	0.04	(-0.01,0.08)	0.02	0.086	0.04	(0.00,0.07)	0.02	0.047*
Number of children	0.03	(-0.01,0.07)	0.02	0.196	0.02	(-0.02,0.05)	0.02	0.383
Weekly+ community participation	0.07	(0.03,0.10)	0.02	2.79e-04***	0.01	(-0.02,0.04)	0.02	0.497
Weekly+ religious attendance	0.08	(0.04,0.12)	0.02	7.63e-05***	0.02	(-0.02,0.05)	0.02	0.365
<i>Social Distress</i>								
Loneliness	-0.39	(-0.43,-0.35)	0.02	2.22e-16***	-0.14	(-0.17,-0.10)	0.02	1.71e-13***
Perceived discrimination	-0.09	(-0.13,-0.05)	0.02	5.15e-06***	-0.02	(-0.05,0.02)	0.02	0.320
<i>Character & Prosocial Behavior</i>								
Hope	0.39	(0.35,0.42)	0.02	2.22e-16***	0.11	(0.07,0.14)	0.02	1.93e-08***
Gratitude	0.37	(0.33,0.41)	0.02	2.22e-16***	0.12	(0.09,0.16)	0.02	4.43e-11***
Showing love/care	0.23	(0.20,0.27)	0.02	2.22e-16***	0.08	(0.05,0.11)	0.02	1.92e-06***
Forgivingness	0.06	(0.02,0.09)	0.02	1.79e-03**	0.03	(-0.00,0.05)	0.01	0.083
Charitable giving	0.04	(0.01,0.08)	0.02	0.026*	-0.02	(-0.05,0.01)	0.02	0.168
Helping strangers	0.02	(-0.01,0.06)	0.02	0.201	0.03	(0.00,0.06)	0.02	0.024*
Volunteering	0.03	(-0.01,0.07)	0.02	0.122	-0.01	(-0.04,0.02)	0.01	0.369
<i>Physical Health & Health Behavior</i>								
Health problems	-0.18	(-0.22,-0.14)	0.02	2.22e-16***	-0.04	(-0.07,-0.01)	0.02	0.009*
Pain in past 4 weeks	-0.18	(-0.22,-0.15)	0.02	2.22e-16***	-0.01	(-0.04,0.02)	0.02	0.452
Daily smoker	-0.02	(-0.05,0.02)	0.02	0.350	-0.01	(-0.03,0.02)	0.01	0.639
Number of drinks per week	0.03	(0.00,0.06)	0.02	0.038*	0.01	(-0.01,0.04)	0.01	0.343
Days exercise per week	0.13	(0.09,0.17)	0.02	3.72e-11***	0.04	(0.01,0.07)	0.01	3.3e-03**
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.05	(0.02,0.08)	0.02	8.35e-04**	0.01	(-0.01,0.04)	0.01	0.305
Currently employed	0.08	(0.04,0.12)	0.02	2.18e-04***	0.02	(-0.02,0.05)	0.02	0.332
Financially comfortable/getting by	0.25	(0.21,0.29)	0.02	2.22e-16***	0.10	(0.07,0.13)	0.02	3.93e-09***
Own home	0.06	(0.02,0.10)	0.02	1.11e-03**	0.01	(-0.02,0.04)	0.01	0.536
Income – top quintile	0.07	(0.03,0.11)	0.02	3.41e-04***	0.06	(0.03,0.08)	0.01	2.78e-05***
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.05	(0.01,0.08)	0.02	0.021*	0.05	(0.01,0.08)	0.02	0.008*
Belief in life after death	0.02	(-0.02,0.05)	0.02	0.328	0.01	(-0.01,0.04)	0.01	0.314
Transformative religious experience	0.02	(-0.02,0.05)	0.02	0.418	0.01	(-0.02,0.04)	0.02	0.466
Religious reading or listening	0.03	(-0.00,0.07)	0.02	0.077	0.03	(-0.01,0.06)	0.02	0.115
Prayer or meditation	0.02	(-0.02,0.05)	0.02	0.424	0.01	(-0.03,0.04)	0.02	0.777
Belief in God/gods/spiritual forces	-0.01	(-0.04,0.03)	0.02	0.775	-0.01	(-0.04,0.03)	0.02	0.752
Religious centrality	0.08	(0.04,0.12)	0.02	1.32e-04***	0.04	(0.01,0.08)	0.02	0.006*
Religious/spiritual comfort	0.03	(-0.01,0.07)	0.02	0.167	-0.03	(-0.07,0.01)	0.02	0.192
Feel loved by God	0.07	(0.04,0.11)	0.02	9.64e-05***	0.04	(-0.00,0.07)	0.02	0.052
Feel punished by God	-0.06	(-0.10,-0.01)	0.02	0.009*	-0.02	(-0.05,0.01)	0.02	0.210
Experienced religious criticism	0.05	(0.02,0.08)	0.02	3.04e-03**	0.03	(-0.00,0.06)	0.02	0.055
Faith-sharing	0.03	(-0.01,0.07)	0.02	0.110	0.02	(-0.01,0.05)	0.02	0.301

Notes. N=6290; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S26h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Spain using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.63	(0.59,0.67)	0.02	2.22e-16***	0.46	(0.40,0.52)	0.03	2.22e-16***
Flourishing index	0.61	(0.56,0.65)	0.02	2.22e-16***	0.45	(0.38,0.51)	0.03	2.22e-16***
Happiness & life satisfaction	0.48	(0.43,0.53)	0.03	2.22e-16***	0.19	(0.13,0.24)	0.03	1.75e-10***
Physical & mental health	0.48	(0.43,0.53)	0.02	2.22e-16***	0.18	(0.13,0.24)	0.03	1.67e-10***
Meaning & purpose	0.49	(0.45,0.54)	0.02	2.22e-16***	0.22	(0.17,0.28)	0.03	6e-15***
Character & virtue	0.27	(0.22,0.32)	0.02	2.22e-16***	0.11	(0.07,0.16)	0.02	1.2e-07***
Close social relationships	0.45	(0.40,0.50)	0.02	2.22e-16***	0.22	(0.18,0.27)	0.02	2.22e-16***
Financial & material security	0.28	(0.23,0.33)	0.02	2.22e-16***	0.15	(0.11,0.20)	0.02	1e-12***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.46	(0.41,0.50)	0.02	2.22e-16***	0.16	(0.10,0.21)	0.03	3.36e-08***
Happiness (a)	0.45	(0.40,0.50)	0.03	2.22e-16***	0.14	(0.08,0.20)	0.03	1.43e-06***
Self-rated physical health (b)	0.41	(0.36,0.46)	0.02	2.22e-16***	0.15	(0.10,0.20)	0.02	1.05e-09***
Self-rated mental health (b)	0.44	(0.39,0.49)	0.03	2.22e-16***	0.12	(0.05,0.18)	0.03	2.55e-04***
Understanding purpose (c)	0.41	(0.36,0.46)	0.02	2.22e-16***	0.16	(0.11,0.22)	0.03	4.42e-10***
Meaningful activities (c)	0.43	(0.39,0.48)	0.02	2.22e-16***	0.14	(0.09,0.19)	0.03	8.8e-08***
Orientation to promote good (d)	0.25	(0.20,0.30)	0.02	2.22e-16***	0.10	(0.06,0.14)	0.02	1.61e-06***
Delayed gratification (d)	0.20	(0.15,0.25)	0.03	6.88e-15***	0.08	(0.04,0.12)	0.02	1.88e-04***
Relationship contentment (e)	0.41	(0.37,0.46)	0.02	2.22e-16***	0.18	(0.13,0.23)	0.02	1.97e-13***
Relationship satisfaction (e)	0.42	(0.37,0.46)	0.02	2.22e-16***	0.19	(0.14,0.23)	0.02	6.66e-16***
Financial security (f)	0.27	(0.22,0.32)	0.02	2.22e-16***	0.17	(0.13,0.22)	0.02	4.44e-16***
Material security (f)	0.24	(0.19,0.29)	0.03	2.22e-16***	0.10	(0.06,0.15)	0.02	1.68e-05***
<i>Psychological Well-Being</i>								
Current life evaluation	0.39	(0.35,0.44)	0.02	2.22e-16***	0.09	(0.04,0.13)	0.02	2.28e-04***
Future life evaluation	0.36	(0.31,0.41)	0.03	2.22e-16***	0.14	(0.09,0.18)	0.02	3.06e-09***
Optimism	0.29	(0.23,0.34)	0.03	2.22e-16***	0.05	(0.00,0.10)	0.02	0.040*
Freedom to pursue what's important	0.37	(0.32,0.42)	0.02	2.22e-16***	0.14	(0.09,0.18)	0.02	8.38e-10***
Inner peace	0.07	(0.02,0.11)	0.02	2.53e-03**	-0.01	(-0.04,0.03)	0.02	0.760
Life balance	0.25	(0.20,0.30)	0.03	2.22e-16***	0.01	(-0.03,0.06)	0.02	0.583
Sense of mastery	0.24	(0.19,0.28)	0.02	2.22e-16***	0.02	(-0.02,0.05)	0.02	0.373
<i>Psychological Distress</i>								
Traumatic distress	-0.16	(-0.21,-0.12)	0.02	7.16e-12***	-0.02	(-0.06,0.02)	0.02	0.401
Depression symptoms composite	-0.31	(-0.36,-0.26)	0.02	2.22e-16***	-0.00	(-0.05,0.05)	0.03	0.945
Depression – feel hopeless	-0.31	(-0.36,-0.26)	0.03	2.22e-16***	0.02	(-0.04,0.07)	0.03	0.520
Depression – loss of interest	-0.26	(-0.31,-0.21)	0.03	2.22e-16***	0.01	(-0.04,0.05)	0.03	0.840
Anxiety symptoms composite	-0.28	(-0.33,-0.24)	0.03	2.22e-16***	0.03	(-0.02,0.08)	0.02	0.231
Anxiety – feel on edge	-0.28	(-0.32,-0.23)	0.02	2.22e-16***	0.05	(-0.00,0.10)	0.03	0.056
Anxiety – cannot stop worrying	-0.27	(-0.32,-0.21)	0.03	2.22e-16***	0.08	(0.03,0.13)	0.03	3.34e-03**
Suffering	-0.26	(-0.31,-0.22)	0.02	2.22e-16***	-0.04	(-0.09,0.00)	0.02	0.054
<i>Social Well-Being</i>								
Social support	0.32	(0.27,0.37)	0.03	2.22e-16***	0.11	(0.06,0.15)	0.02	3.81e-06***
Intimate/close friend	0.14	(0.09,0.19)	0.03	7.22e-08***	0.02	(-0.02,0.06)	0.02	0.286
Government approval	0.07	(0.02,0.11)	0.02	2.65e-03**	-0.00	(-0.04,0.03)	0.02	0.848
Say in government	0.05	(-0.00,0.09)	0.02	0.052	-0.05	(-0.09,-0.01)	0.02	0.012*
Belonging in country	0.14	(0.09,0.19)	0.02	1.22e-08***	0.04	(0.00,0.08)	0.02	0.028*
City/place satisfaction	0.20	(0.15,0.25)	0.03	5.33e-15***	0.04	(-0.00,0.08)	0.02	0.062
Trust within country	0.08	(0.04,0.13)	0.02	4.76e-04***	-0.01	(-0.05,0.03)	0.02	0.517
<i>Social Participation</i>								
Ever been married	-0.00	(-0.18,0.17)	0.09	0.959	0.08	(-0.04,0.20)	0.06	0.202
Currently divorced	0.04	(-0.02,0.09)	0.03	0.164	0.03	(-0.01,0.08)	0.02	0.149
Number of children	0.03	(-0.01,0.08)	0.02	0.158	0.01	(-0.03,0.05)	0.02	0.551
Weekly+ community participation	0.04	(-0.01,0.09)	0.02	0.085	-0.02	(-0.06,0.03)	0.02	0.443
Weekly+ religious attendance	0.10	(0.05,0.15)	0.03	1.57e-04***	0.03	(-0.02,0.07)	0.02	0.274
<i>Social Distress</i>								
Loneliness	-0.34	(-0.40,-0.29)	0.03	2.22e-16***	-0.11	(-0.16,-0.06)	0.02	5.48e-06***
Perceived discrimination	-0.05	(-0.11,-0.00)	0.03	0.034*	-0.00	(-0.05,0.04)	0.02	0.907
<i>Character & Prosocial Behavior</i>								
Hope	0.36	(0.31,0.41)	0.02	2.22e-16***	0.11	(0.06,0.16)	0.02	1.13e-05***
Gratitude	0.35	(0.31,0.40)	0.02	2.22e-16***	0.12	(0.07,0.17)	0.03	4.52e-06***
Showing love/care	0.24	(0.19,0.28)	0.02	2.22e-16***	0.07	(0.03,0.11)	0.02	7.28e-04**
Forgivingness	0.06	(0.02,0.11)	0.02	0.010*	0.02	(-0.01,0.06)	0.02	0.224
Charitable giving	0.07	(0.02,0.11)	0.02	2.29e-03**	-0.03	(-0.07,0.01)	0.02	0.116
Helping strangers	0.01	(-0.04,0.06)	0.02	0.661	0.02	(-0.02,0.06)	0.02	0.439
Volunteering	0.03	(-0.01,0.07)	0.02	0.183	-0.03	(-0.07,0.01)	0.02	0.123
<i>Physical Health & Health Behavior</i>								
Health problems	-0.15	(-0.20,-0.10)	0.03	2.82e-09***	-0.03	(-0.07,0.01)	0.02	0.130
Pain in past 4 weeks	-0.17	(-0.22,-0.12)	0.02	2.57e-13***	-0.02	(-0.06,0.02)	0.02	0.426
Daily smoker	-0.03	(-0.07,0.02)	0.02	0.276	-0.00	(-0.04,0.04)	0.02	0.917
Number of drinks per week	0.04	(0.00,0.07)	0.02	0.037*	0.01	(-0.01,0.04)	0.01	0.277
Days exercise per week	0.11	(0.07,0.16)	0.02	1.81e-06***	0.03	(-0.01,0.07)	0.02	0.123
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.06	(0.02,0.10)	0.02	1.51e-03**	0.02	(-0.01,0.05)	0.02	0.212
Currently employed	0.07	(0.02,0.13)	0.03	0.007*	0.03	(-0.01,0.08)	0.02	0.164
Financially comfortable/getting by	0.21	(0.17,0.26)	0.02	2.22e-16***	0.08	(0.04,0.12)	0.02	1.94e-04***
Own home	0.05	(-0.00,0.09)	0.02	0.058	0.01	(-0.03,0.05)	0.02	0.562
Income – top quintile	0.07	(0.01,0.13)	0.03	0.017*	0.05	(0.00,0.09)	0.02	0.034*
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.04	(-0.01,0.09)	0.03	0.129	0.02	(-0.02,0.07)	0.02	0.300
Belief in life after death	-0.00	(-0.05,0.05)	0.03	0.911	-0.00	(-0.04,0.04)	0.02	0.870
Transformative religious experience	0.03	(-0.02,0.08)	0.02	0.189	0.02	(-0.02,0.06)	0.02	0.425
Religious reading or listening	0.09	(0.04,0.14)	0.03	2.85e-04***	0.07	(0.02,0.12)	0.02	2.93e-03**
Prayer or meditation	0.04	(-0.01,0.09)	0.02	0.088	0.03	(-0.02,0.07)	0.02	0.206
Belief in God/gods/spiritual forces	-0.02	(-0.06,0.03)	0.02	0.476	-0.03	(-0.07,0.02)	0.02	0.221
Religious centrality	0.07	(0.02,0.12)	0.03	0.009*	0.01	(-0.03,0.06)	0.02	0.565
Religious/spiritual comfort	0.02	(-0.03,0.07)	0.03	0.511	-0.09	(-0.14,-0.04)	0.03	6.75e-04**
Feel loved by God	0.10	(0.05,0.15)	0.03	1.56e-04***	0.04	(-0.01,0.09)	0.02	0.100
Feel punished by God	-0.05	(-0.10,0.00)	0.03	0.075	-0.00	(-0.04,0.04)	0.02	0.930
Experienced religious criticism	0.03	(-0.02,0.08)	0.03	0.205	0.02	(-0.03,0.07)	0.02	0.360
Faith-sharing	0.04	(-0.01,0.09)	0.03	0.082	0.02	(-0.02,0.06)	0.02	0.360

Notes. N=2924; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S26i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Spain

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.52	2.45	2.18	2.08	2.41	2.32	2.05	1.93
Flourishing index	2.43	2.37	2.06	1.97	2.33	2.24	2.01	1.89
Happiness & life satisfaction	1.87	1.82	1.44	1.38	1.81	1.75	1.41	1.32
Physical & mental health	1.90	1.85	1.44	1.38	1.84	1.77	1.41	1.32
Meaning & purpose	1.91	1.86	1.48	1.42	1.84	1.78	1.47	1.38
Character & virtue	1.66	1.60	1.35	1.28	1.64	1.55	1.35	1.26
Close social relationships	1.78	1.73	1.42	1.37	1.75	1.69	1.45	1.38
Financial & material security	1.44	1.41	1.29	1.26	1.40	1.35	1.27	1.22
Individual Flourishing Index Items								
Life satisfaction	1.77	1.73	1.36	1.31	1.72	1.66	1.34	1.26
Happiness	1.82	1.77	1.36	1.29	1.77	1.70	1.33	1.24
Self-rated physical health	1.71	1.67	1.34	1.29	1.69	1.63	1.34	1.27
Self-rated mental health	1.75	1.71	1.31	1.25	1.69	1.63	1.28	1.18
Understanding purpose	1.67	1.63	1.34	1.29	1.64	1.59	1.34	1.27
Meaningful activities	1.74	1.69	1.33	1.27	1.70	1.64	1.32	1.24
Orientation to promote good	1.56	1.51	1.29	1.23	1.57	1.49	1.31	1.22
Delayed gratification	1.45	1.39	1.24	1.18	1.42	1.35	1.23	1.15
Relationship contentment	1.72	1.67	1.36	1.31	1.70	1.64	1.39	1.32
Relationship satisfaction	1.67	1.62	1.35	1.30	1.63	1.58	1.36	1.30
Financial security	1.42	1.39	1.29	1.26	1.37	1.33	1.28	1.24
Material security	1.37	1.34	1.22	1.18	1.34	1.30	1.20	1.14
Psychological Well-Being								
Current life evaluation	1.76	1.70	1.28	1.22	1.72	1.65	1.25	1.16
Future life evaluation	1.72	1.66	1.36	1.31	1.67	1.60	1.34	1.26
Optimism	1.58	1.52	1.20	1.12	1.55	1.48	1.18	1.04
Freedom to pursue what's important	1.64	1.59	1.31	1.26	1.59	1.53	1.30	1.24
Inner peace	1.60	1.40	1.08	1.00	1.53	1.26	1.11	1.00
Life balance	3.02	2.72	1.25	1.00	2.80	2.43	1.20	1.00
Sense of mastery	3.58	3.20	1.52	1.26	3.20	2.76	1.27	1.00
Psychological Distress								
Traumatic distress	2.21	2.01	1.36	1.13	2.07	1.81	1.22	1.00
Depression symptoms composite	3.18	2.89	1.12	1.00	3.09	2.74	1.06	1.00
Depression – feel hopeless	3.48	3.14	1.23	1.00	3.34	2.91	1.24	1.00
Depression – loss of interest	2.87	2.58	1.14	1.00	2.84	2.48	1.11	1.00
Anxiety symptoms composite	2.96	2.69	1.25	1.00	2.87	2.54	1.30	1.00
Anxiety – feel on edge	3.12	2.84	1.30	1.00	2.86	2.52	1.44	1.00
Anxiety – cannot stop worrying	3.07	2.75	1.46	1.21	2.90	2.51	1.64	1.30
Suffering	2.72	2.51	1.27	1.00	2.61	2.35	1.38	1.00
Social Well-Being								
Social support	1.56	1.51	1.27	1.22	1.54	1.47	1.26	1.19
Intimate/close friend	1.99	1.70	1.26	1.00	2.23	1.84	1.30	1.00
Government approval	1.52	1.32	1.09	1.00	1.53	1.26	1.09	1.00
Say in government	1.47	1.12	1.55	1.29	1.51	1.00	1.55	1.21
Belonging in country	1.34	1.29	1.14	1.08	1.29	1.22	1.14	1.04
City/place satisfaction	2.35	2.08	1.32	1.00	2.53	2.17	1.43	1.00
Trust within country	1.75	1.56	1.19	1.00	1.62	1.35	1.18	1.00
Social Participation								
Ever been married	1.20	1.00	1.59	1.00	1.10	1.00	1.59	1.00
Currently divorced	1.51	1.00	1.50	1.05	1.54	1.00	1.49	1.00
Number of children	1.16	1.00	1.12	1.00	1.23	1.00	1.13	1.00
Weekly+ community participation	1.57	1.34	1.18	1.00	1.41	1.00	1.23	1.00
Weekly+ religious attendance	1.73	1.45	1.24	1.00	1.86	1.50	1.33	1.00
Social Distress								
Loneliness	1.54	1.50	1.27	1.22	1.49	1.44	1.24	1.17
Perceived discrimination	1.77	1.51	1.23	1.00	1.53	1.11	1.09	1.00
Character & Prosocial Behavior								
Hope	1.71	1.65	1.29	1.22	1.67	1.60	1.30	1.21
Gratitude	1.63	1.58	1.30	1.24	1.61	1.54	1.29	1.20
Showing love/care	1.47	1.42	1.23	1.17	1.48	1.41	1.22	1.14
Forgivingness	1.53	1.28	1.30	1.00	1.57	1.23	1.29	1.00
Charitable giving	1.39	1.11	1.25	1.00	1.54	1.27	1.31	1.00
Helping strangers	1.26	1.00	1.33	1.10	1.16	1.00	1.20	1.00
Volunteering	1.35	1.00	1.22	1.00	1.35	1.00	1.36	1.00
Physical Health & Health Behavior								
Health problems	2.36	2.07	1.43	1.18	2.17	1.83	1.37	1.00
Pain in past 4 weeks	2.14	1.95	1.17	1.00	2.07	1.82	1.21	1.00
Daily smoker	1.21	1.00	1.12	1.00	1.29	1.00	1.07	1.00
Number of drinks per week	1.07	1.02	1.04	1.00	1.08	1.02	1.05	1.00
Days exercise per week	1.28	1.23	1.15	1.08	1.26	1.19	1.12	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.49	1.28	1.20	1.00	1.56	1.30	1.26	1.00
Currently employed	1.56	1.34	1.21	1.00	1.55	1.23	1.31	1.00
Financially comfortable/getting by	2.58	2.35	1.70	1.52	2.36	2.08	1.60	1.36
Own home	1.48	1.27	1.15	1.00	1.40	1.00	1.17	1.00
Income – top quintile	1.62	1.36	1.53	1.35	1.62	1.21	1.46	1.10
Religion & Spirituality								
Religious/spiritual connection	1.39	1.13	1.40	1.17	1.36	1.00	1.26	1.00
Belief in life after death	1.22	1.00	1.20	1.00	1.08	1.00	1.09	1.00
Transformative religious experience	1.23	1.00	1.18	1.00	1.36	1.00	1.24	1.00
Religious reading or listening	1.44	1.00	1.36	1.00	1.97	1.53	1.78	1.36
Prayer or meditation	1.22	1.00	1.11	1.00	1.41	1.00	1.32	1.00
Belief in God/gods/spiritual forces	1.11	1.00	1.11	1.00	1.22	1.00	1.29	1.00
Religious centrality	1.62	1.37	1.42	1.20	1.56	1.23	1.20	1.00
Religious/spiritual comfort	1.29	1.00	1.29	1.00	1.21	1.00	1.64	1.35
Feel loved by God	1.56	1.35	1.35	1.00	1.69	1.41	1.37	1.00
Feel punished by God	1.67	1.27	1.33	1.00	1.59	1.00	1.08	1.00
Experienced religious criticism	1.69	1.32	1.49	1.00	1.51	1.00	1.41	1.00
Faith-sharing	1.34	1.00	1.22	1.00	1.42	1.00	1.25	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates.

E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S27a. Weighted summary statistics for demographic and childhood variables in Sweden

Characteristic	Wave 1 N = 15,068	Wave 2 N = 11,662
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	589 (3.9%)	544 (4.7%)
1943-1953 (current age: 70-79 years)	2,153 (14.3%)	1,689 (14.5%)
1953-1963 (current age: 60-69 years)	2,064 (13.7%)	1,597 (13.7%)
1963-1973 (current age: 50-59 years)	2,467 (16.4%)	1,914 (16.4%)
1973-1983 (current age: 40-49 years)	2,276 (15.1%)	1,799 (15.4%)
1983-1993 (current age: 30-39 years)	2,455 (16.3%)	1,901 (16.3%)
1993-1998 (current age: 25-29 years)	1,432 (9.5%)	1,054 (9.0%)
1998-2005 (current age: 18-24 years)	1,632 (10.8%)	1,163 (10.0%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	48.6	49.3
Standard Deviation	18.7	18.7
Min, Max	18.0, 98.0	18.0, 98.0
<i>Gender, n (%)</i>		
Male	7,494 (49.7%)	5,746 (49.3%)
Female	7,533 (50.0%)	5,883 (50.4%)
Other	28 (0.2%)	22 (0.2%)
(Missing)	12 (0.1%)	11 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	3,962 (26.3%)	2,923 (25.1%)
Married	6,247 (41.5%)	4,868 (41.7%)
Separated	429 (2.8%)	371 (3.2%)
Divorced	794 (5.3%)	596 (5.1%)
Widowed	421 (2.8%)	367 (3.1%)
Domestic partner	3,140 (20.8%)	2,488 (21.3%)
(Missing)	75 (0.5%)	51 (0.4%)
<i>Education (years), n (%)</i>		
Up to 8	265 (1.8%)	148 (1.3%)
9-15	11,048 (73.3%)	8,339 (71.5%)
16+	3,755 (24.9%)	3,175 (27.2%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	7,972 (52.9%)	6,165 (52.9%)
Self-employed	1,193 (7.9%)	831 (7.1%)
Retired	3,696 (24.5%)	2,993 (25.7%)
Student	1,419 (9.4%)	956 (8.2%)
Homemaker	77 (0.5%)	47 (0.4%)
Unemployed and looking for a job	343 (2.3%)	310 (2.7%)
None of these/Other	351 (2.3%)	326 (2.8%)
(Missing)	18 (0.1%)	34 (0.3%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	234 (1.6%)	205 (1.8%)
Once a week	429 (2.8%)	313 (2.7%)
One to three times a month	481 (3.2%)	386 (3.3%)
A few times a year	3,868 (25.7%)	2,738 (23.5%)
Never	10,010 (66.4%)	7,983 (68.4%)
(Missing)	45 (0.3%)	39 (0.3%)
<i>Immigration status, n (%)</i>		
Born in this country	13,926 (92.4%)	10,777 (92.4%)

Table S27a. Weighted summary statistics for demographic and childhood variables in Sweden

Characteristic	Wave 1 N = 15,068	Wave 2 N = 11,662
Born in another country	1,049 (7.0%)	817 (7.0%)
(Missing)	92 (0.6%)	68 (0.6%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	10,781 (71.6%)	8,382 (71.9%)
Parents were divorced	1,968 (13.1%)	1,472 (12.6%)
Parents were never married	1,814 (12.0%)	1,436 (12.3%)
One or both of them had died	358 (2.4%)	265 (2.3%)
Unsure	92 (0.6%)	64 (0.5%)
(Missing)	55 (0.4%)	44 (0.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	945 (6.3%)	734 (6.3%)
One to three times a month	1,340 (8.9%)	1,063 (9.1%)
Less than once a month	6,150 (40.8%)	4,721 (40.5%)
Never	6,581 (43.7%)	5,102 (43.8%)
(Missing)	52 (0.3%)	41 (0.4%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	8,719 (57.9%)	6,731 (57.7%)
Somewhat good	4,520 (30.0%)	3,529 (30.3%)
Somewhat bad	1,204 (8.0%)	934 (8.0%)
Very bad	379 (2.5%)	289 (2.5%)
(Does not apply)	217 (1.4%)	162 (1.4%)
(Missing)	29 (0.2%)	17 (0.1%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	7,095 (47.1%)	5,420 (46.5%)
Somewhat good	4,888 (32.4%)	3,853 (33.0%)
Somewhat bad	1,609 (10.7%)	1,279 (11.0%)
Very bad	741 (4.9%)	561 (4.8%)
(Does not apply)	720 (4.8%)	539 (4.6%)
(Missing)	15 (0.1%)	11 (0.1%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,899 (12.6%)	1,484 (12.7%)
No	13,000 (86.3%)	10,042 (86.1%)
(Missing)	169 (1.1%)	136 (1.2%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	2,308 (15.3%)	1,805 (15.5%)
No	12,716 (84.4%)	9,823 (84.2%)
(Missing)	44 (0.3%)	34 (0.3%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	5,652 (37.5%)	4,338 (37.2%)
Very good	5,132 (34.1%)	3,960 (34.0%)
Good	2,706 (18.0%)	2,118 (18.2%)
Fair	1,131 (7.5%)	893 (7.7%)
Poor	411 (2.7%)	330 (2.8%)
(Missing)	37 (0.2%)	23 (0.2%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	5,946 (39.5%)	4,611 (39.5%)
Got by	7,693 (51.1%)	5,968 (51.2%)
Found it difficult	1,262 (8.4%)	961 (8.2%)
Found it very difficult	147 (1.0%)	106 (0.9%)
(Missing)	21 (0.1%)	17 (0.1%)

Table S27a. Weighted summary statistics for demographic and childhood variables in Sweden

Characteristic	Wave 1 N = 15,068	Wave 2 N = 11,662
<i>Religious affiliation growing up, n (%)</i>		
Christianity	10,495 (69.7%)	8,176 (70.1%)
Taoism	0 (0%)	0 (0%)
Confucianism	4 (0.0%)	1 (0.0%)
Primal, Animist, or Folk religion	31 (0.2%)	26 (0.2%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	459 (3.0%)	338 (2.9%)
Hinduism	16 (0.1%)	10 (0.1%)
Buddhism	41 (0.3%)	31 (0.3%)
Judaism	48 (0.3%)	40 (0.3%)
Sikhism	9 (0.1%)	4 (0.0%)
Baha'i	3 (0.0%)	3 (0.0%)
Jainism	0 (0%)	0 (0%)
Shinto	1 (<0.0%)	0 (0%)
Some other religion	68 (0.5%)	58 (0.5%)
No religion/Atheist/Agnostic	3,867 (25.7%)	2,955 (25.3%)
(Missing)	26 (0.2%)	20 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S27b. Weighted summary statistics for exposure and outcome variables in Sweden

Outcome	Wave 1 N = 15,068	Wave 2 N = 11,662
<i>Secure flourishing index</i>		
Mean	7.1	7.1
Standard Deviation	1.5	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	508 (3.4%)	419 (3.6%)
<i>Flourishing index</i>		
Mean	7.0	7.1
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	457 (3.0%)	381 (3.3%)
<i>Happiness & life satisfaction</i>		
Mean	7.0	7.0
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	62 (0.4%)	48 (0.4%)
<i>Physical & mental health</i>		
Mean	6.8	6.7
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	48 (0.3%)	30 (0.3%)
<i>Meaning & purpose</i>		
Mean	6.8	6.9
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	162 (1.1%)	118 (1.0%)
<i>Character & virtue</i>		
Mean	7.3	7.4
Standard Deviation	1.6	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	170 (1.1%)	169 (1.4%)
<i>Close social relationships</i>		
Mean	7.2	7.3
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	97 (0.6%)	84 (0.7%)
<i>Financial & material security</i>		
Mean	7.3	7.4
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	65 (0.4%)	49 (0.4%)
<i>Life satisfaction</i>		
Mean	7.1	7.0
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	34 (0.2%)	31 (0.3%)
<i>Happiness</i>		
Mean	7.0	7.0
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.3%)	18 (0.2%)
<i>Self-rated physical health</i>		

Table S27b. Weighted summary statistics for exposure and outcome variables in Sweden

Outcome	Wave 1 N = 15,068	Wave 2 N = 11,662
Mean	6.4	6.4
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	35 (0.2%)	15 (0.1%)
<i>Self-rated mental health</i>		
Mean	7.1	7.1
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.1%)	17 (0.1%)
<i>Understanding purpose</i>		
Mean	6.6	6.8
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	121 (0.8%)	99 (0.9%)
<i>Meaningful activities</i>		
Mean	7.0	7.0
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	44 (0.3%)	23 (0.2%)
<i>Orientation to promote good</i>		
Mean	7.5	7.6
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	90 (0.6%)	55 (0.5%)
<i>Delayed gratification</i>		
Mean	7.0	7.2
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	112 (0.7%)	143 (1.2%)
<i>Relationship contentment</i>		
Mean	7.4	7.5
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	44 (0.3%)	47 (0.4%)
<i>Relationship satisfaction</i>		
Mean	7.0	7.1
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	65 (0.4%)	49 (0.4%)
<i>Financial security</i>		
Mean	7.2	7.2
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.2%)	13 (0.1%)
<i>Material security</i>		
Mean	7.5	7.5
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	48 (0.3%)	45 (0.4%)
<i>Current life evaluation</i>		
Mean	7.2	6.7

Table S27b. Weighted summary statistics for exposure and outcome variables in Sweden

Outcome	Wave 1 N = 15,068	Wave 2 N = 11,662
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	46 (0.3%)	13 (0.1%)
<i>Future life evaluation</i>		
Mean	7.7	7.5
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	43 (0.3%)	49 (0.4%)
<i>Optimism</i>		
Mean	7.3	7.3
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	52 (0.3%)	46 (0.4%)
<i>Freedom to pursue what's important</i>		
Mean	7.5	7.4
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	39 (0.3%)	32 (0.3%)
<i>Inner peace, n (%)</i>		
Always	1,685 (11.2%)	1,168 (10.0%)
Often	10,514 (69.8%)	8,200 (70.3%)
Rarely	2,670 (17.7%)	2,131 (18.3%)
Never	141 (0.9%)	118 (1.0%)
(Missing)	59 (0.4%)	45 (0.4%)
<i>Life balance, n (%)</i>		
Always	1,256 (8.3%)	872 (7.5%)
Often	10,584 (70.2%)	8,199 (70.3%)
Rarely	2,964 (19.7%)	2,361 (20.2%)
Never	156 (1.0%)	158 (1.4%)
(Missing)	108 (0.7%)	72 (0.6%)
<i>Sense of mastery, n (%)</i>		
Always	2,310 (15.3%)	1,660 (14.2%)
Often	10,492 (69.6%)	8,050 (69.0%)
Rarely	2,046 (13.6%)	1,758 (15.1%)
Never	133 (0.9%)	108 (0.9%)
(Missing)	87 (0.6%)	86 (0.7%)
<i>Traumatic distress, n (%)</i>		
A lot	709 (4.7%)	574 (4.9%)
Some	3,072 (20.4%)	2,384 (20.4%)
Not very much	5,742 (38.1%)	4,421 (37.9%)
Not at all	5,379 (35.7%)	4,091 (35.1%)
(Missing)	166 (1.1%)	192 (1.6%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	2,802 (18.8%)	2,622 (22.7%)
	152 (1.0%)	93 (0.8%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	923 (6.1%)	713 (6.1%)
More than half the days	1,206 (8.0%)	983 (8.4%)
Several days	4,415 (29.3%)	3,608 (30.9%)
Not at all	8,460 (56.1%)	6,330 (54.3%)
(Missing)	64 (0.4%)	27 (0.2%)
<i>Depression – loss of interest, n (%)</i>		

Table S27b. Weighted summary statistics for exposure and outcome variables in Sweden

Outcome	Wave 1 N = 15,068	Wave 2 N = 11,662
Nearly every day	860 (5.7%)	813 (7.0%)
More than half the days	1,652 (11.0%)	1,725 (14.8%)
Several days	3,960 (26.3%)	3,212 (27.5%)
Not at all	8,493 (56.4%)	5,837 (50.0%)
(Missing)	103 (0.7%)	75 (0.6%)
<i>Anxiety symptoms composite, n (%)</i>	2,439 (16.3%)	1,959 (16.9%)
(Missing)	96 (0.6%)	84 (0.7%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	978 (6.5%)	752 (6.5%)
More than half the days	1,313 (8.7%)	1,081 (9.3%)
Several days	5,416 (35.9%)	4,338 (37.2%)
Not at all	7,309 (48.5%)	5,442 (46.7%)
(Missing)	53 (0.3%)	49 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	752 (5.0%)	579 (5.0%)
More than half the days	1,113 (7.4%)	960 (8.2%)
Several days	3,434 (22.8%)	2,820 (24.2%)
Not at all	9,711 (64.4%)	7,262 (62.3%)
(Missing)	58 (0.4%)	42 (0.4%)
<i>Suffering, n (%)</i>		
A lot	798 (5.3%)	647 (5.5%)
Some	4,423 (29.4%)	3,728 (32.0%)
Not very much	6,341 (42.1%)	4,947 (42.4%)
Not at all	3,437 (22.8%)	2,293 (19.7%)
(Missing)	68 (0.5%)	47 (0.4%)
<i>Social support</i>		
Mean	8.1	8.3
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	57 (0.4%)	22 (0.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	13,013 (86.4%)	10,030 (86.0%)
No	2,019 (13.4%)	1,604 (13.8%)
(Missing)	37 (0.2%)	29 (0.2%)
<i>Government approval, n (%)</i>		
Strongly approve	745 (4.9%)	1,560 (13.4%)
Somewhat approve	2,808 (18.6%)	1,836 (15.7%)
Neither approve nor disapprove	4,292 (28.5%)	3,633 (31.2%)
Somewhat disapprove	3,999 (26.5%)	2,293 (19.7%)
Strongly disapprove	3,140 (20.8%)	2,244 (19.2%)
(Missing)	85 (0.6%)	96 (0.8%)
<i>Say in government, n (%)</i>		
Agree	3,260 (21.6%)	2,486 (21.3%)
Disagree	7,826 (51.9%)	6,285 (53.9%)
Unsure	3,909 (25.9%)	2,819 (24.2%)
(Missing)	74 (0.5%)	72 (0.6%)
<i>Belonging in country</i>		
Mean	8.6	8.5
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	56 (0.4%)	27 (0.2%)

Table S27b. Weighted summary statistics for exposure and outcome variables in Sweden

Outcome	Wave 1 N = 15,068	Wave 2 N = 11,662
<i>City/place satisfaction, n (%)</i>		
Satisfied	12,268 (81.4%)	9,475 (81.2%)
Dissatisfied	1,428 (9.5%)	1,058 (9.1%)
Unsure	1,311 (8.7%)	1,087 (9.3%)
(Missing)	61 (0.4%)	42 (0.4%)
<i>Trust within country, n (%)</i>		
All people	59 (0.4%)	36 (0.3%)
Most people	5,613 (37.2%)	4,305 (36.9%)
Some people	6,142 (40.8%)	4,827 (41.4%)
Not very many people	3,094 (20.5%)	2,344 (20.1%)
None	76 (0.5%)	76 (0.6%)
(Missing)	85 (0.6%)	74 (0.6%)
<i>Number of children</i>		
Mean	0.6	0.5
Standard Deviation	1.0	1.0
Min, Max	0.0, 18.0	0.0, 14.0
(Missing)	98 (0.7%)	1,195 (10%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	1,630 (10.8%)	1,292 (11.1%)
Once a week	1,268 (8.4%)	997 (8.5%)
One to three times a month	1,843 (12.2%)	1,421 (12.2%)
A few times a year	3,322 (22.0%)	2,412 (20.7%)
Never	6,981 (46.3%)	5,518 (47.3%)
(Missing)	24 (0.2%)	22 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	234 (1.6%)	205 (1.8%)
Once a week	429 (2.8%)	313 (2.7%)
One to three times a month	481 (3.2%)	386 (3.3%)
A few times a year	3,868 (25.7%)	2,738 (23.5%)
Never	10,010 (66.4%)	7,983 (68.4%)
(Missing)	45 (0.3%)	39 (0.3%)
<i>Loneliness</i>		
Mean	3.1	3.0
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	30 (0.2%)	22 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	262 (1.7%)	189 (1.6%)
Often	1,271 (8.4%)	1,029 (8.8%)
Rarely	5,294 (35.1%)	4,211 (36.1%)
Never	8,176 (54.3%)	6,167 (52.9%)
(Missing)	65 (0.4%)	66 (0.6%)
<i>Hope</i>		
Mean	7.2	7.2
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	61 (0.4%)	39 (0.3%)
<i>Gratitude</i>		
Mean	7.5	7.5
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0

Table S27b. Weighted summary statistics for exposure and outcome variables in Sweden

Outcome	Wave 1 N = 15,068	Wave 2 N = 11,662
(Missing)	48 (0.3%)	38 (0.3%)
<i>Showing love/care</i>		
Mean	8.1	8.1
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	45 (0.3%)	27 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	2,001 (13.3%)	1,481 (12.7%)
Often	9,424 (62.5%)	7,314 (62.7%)
Rarely	3,260 (21.6%)	2,531 (21.7%)
Never	281 (1.9%)	239 (2.0%)
(Missing)	101 (0.7%)	97 (0.8%)
<i>Charitable giving, n (%)</i>		
Yes	7,657 (50.8%)	5,329 (45.7%)
No	7,363 (48.9%)	6,288 (53.9%)
(Missing)	49 (0.3%)	45 (0.4%)
<i>Helping strangers, n (%)</i>		
Yes	6,603 (43.8%)	4,688 (40.2%)
No	8,422 (55.9%)	6,947 (59.6%)
(Missing)	43 (0.3%)	28 (0.2%)
<i>Volunteering, n (%)</i>		
Yes	1,652 (11.0%)	1,315 (11.3%)
No	13,350 (88.6%)	10,305 (88.4%)
(Missing)	66 (0.4%)	42 (0.4%)
<i>Health problems, n (%)</i>		
Yes	3,861 (25.6%)	3,413 (29.3%)
No	11,157 (74.0%)	8,197 (70.3%)
(Missing)	49 (0.3%)	52 (0.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	1,353 (9.0%)	1,173 (10.1%)
Some	4,631 (30.7%)	3,610 (31.0%)
Not very much	5,913 (39.2%)	4,675 (40.1%)
None at all	3,130 (20.8%)	2,178 (18.7%)
(Missing)	42 (0.3%)	26 (0.2%)
<i>Number of drinks per week</i>		
Mean	2.9	2.7
Standard Deviation	4.6	4.7
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	200 (1.3%)	124 (1.1%)
<i>Days exercise per week</i>		
Mean	2.8	2.6
Standard Deviation	2.3	2.2
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	22 (0.1%)	19 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	265 (1.8%)	148 (1.3%)
9-15	11,048 (73.3%)	8,339 (71.5%)
16+	3,755 (24.9%)	3,175 (27.2%)
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	7,972 (52.9%)	6,165 (52.9%)

Table S27b. Weighted summary statistics for exposure and outcome variables in Sweden

Outcome	Wave 1 N = 15,068	Wave 2 N = 11,662
Self-employed	1,193 (7.9%)	831 (7.1%)
Retired	3,696 (24.5%)	2,993 (25.7%)
Student	1,419 (9.4%)	956 (8.2%)
Homemaker	77 (0.5%)	47 (0.4%)
Unemployed and looking for a job	343 (2.3%)	310 (2.7%)
None of these/Other	351 (2.3%)	326 (2.8%)
(Missing)	18 (0.1%)	34 (0.3%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	6,672 (44.3%)	5,176 (44.4%)
Getting by on present income	7,453 (49.5%)	5,306 (45.5%)
Finding it difficult on present income	701 (4.7%)	909 (7.8%)
Finding it very difficult on present income	171 (1.1%)	215 (1.8%)
(Missing)	71 (0.5%)	56 (0.5%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	0 (0%)	0 (0%)
Someone in this household rents this home	0 (0%)	0 (0%)
Both	0 (0%)	0 (0%)
Neither	0 (0%)	0 (0%)
Rent	4,303 (28.6%)	3,298 (28.3%)
Own	10,513 (69.8%)	8,090 (69.4%)
Something else	218 (1.4%)	235 (2.0%)
(Missing)	34 (0.2%)	38 (0.3%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,014 (6.7%)	1,019 (8.7%)
Often	2,766 (18.4%)	1,939 (16.6%)
Rarely	5,915 (39.3%)	4,099 (35.2%)
Never	5,321 (35.3%)	4,556 (39.1%)
(Missing)	52 (0.3%)	48 (0.4%)
<i>Belief in life after death, n (%)</i>		
Yes	4,397 (29.2%)	3,240 (27.8%)
No	5,497 (36.5%)	4,338 (37.2%)
Unsure	5,099 (33.8%)	4,007 (34.4%)
(Missing)	75 (0.5%)	77 (0.7%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,988 (13.2%)	1,438 (12.3%)
No	13,009 (86.3%)	10,176 (87.3%)
(Missing)	71 (0.5%)	49 (0.4%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	194 (1.3%)	183 (1.6%)
About once a day	487 (3.2%)	378 (3.2%)
Sometimes	3,643 (24.2%)	2,701 (23.2%)
Never	10,680 (70.9%)	8,369 (71.8%)
(Missing)	64 (0.4%)	31 (0.3%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	529 (3.5%)	429 (3.7%)
About once a day	1,166 (7.7%)	816 (7.0%)
Sometimes	4,440 (29.5%)	3,219 (27.6%)
Never	8,895 (59.0%)	7,174 (61.5%)
(Missing)	39 (0.3%)	24 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	2,954 (19.6%)	2,178 (18.7%)

Table S27b. Weighted summary statistics for exposure and outcome variables in Sweden

Outcome	Wave 1 N = 15,068	Wave 2 N = 11,662
More than one god	408 (2.7%)	282 (2.4%)
An impersonal spiritual force	3,158 (21.0%)	2,194 (18.8%)
None of these	5,854 (38.9%)	4,836 (41.5%)
Unsure	2,623 (17.4%)	2,117 (18.2%)
(Missing)	71 (0.5%)	55 (0.5%)
<i>Religious centrality, n (%)</i>		
Agree	1,846 (12.3%)	1,299 (11.1%)
Disagree	4,773 (31.7%)	3,330 (28.6%)
Not relevant	6,973 (46.3%)	5,994 (51.4%)
Unsure	1,336 (8.9%)	920 (7.9%)
(Missing)	139 (0.9%)	119 (1.0%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	3,216 (21.3%)	2,190 (18.8%)
Disagree	3,406 (22.6%)	2,449 (21.0%)
Not relevant	6,881 (45.7%)	5,915 (50.7%)
Unsure	1,427 (9.5%)	993 (8.5%)
(Missing)	137 (0.9%)	115 (1.0%)
<i>Feel loved by God, n (%)</i>		
Agree	2,672 (17.7%)	1,897 (16.3%)
Disagree	3,547 (23.5%)	2,535 (21.7%)
Not relevant	7,020 (46.6%)	5,906 (50.6%)
Unsure	1,668 (11.1%)	1,188 (10.2%)
(Missing)	161 (1.1%)	136 (1.2%)
<i>Feel punished by God, n (%)</i>		
Agree	614 (4.1%)	412 (3.5%)
Disagree	6,658 (44.2%)	4,832 (41.4%)
Not relevant	6,476 (43.0%)	5,495 (47.1%)
Unsure	1,178 (7.8%)	803 (6.9%)
(Missing)	142 (0.9%)	120 (1.0%)
<i>Experienced religious criticism, n (%)</i>		
Agree	353 (2.3%)	226 (1.9%)
Disagree	4,533 (30.1%)	3,219 (27.6%)
Not relevant	9,295 (61.7%)	7,484 (64.2%)
Unsure	701 (4.7%)	570 (4.9%)
(Missing)	186 (1.2%)	163 (1.4%)
<i>Faith-sharing, n (%)</i>		
Agree	2,822 (18.7%)	1,921 (16.5%)
Disagree	3,692 (24.5%)	2,610 (22.4%)
Not relevant	7,706 (51.1%)	6,445 (55.3%)
Unsure	701 (4.7%)	543 (4.7%)
(Missing)	147 (1.0%)	144 (1.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S27c. Unweighted summary statistics for demographic and childhood variables in Sweden by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,252	Retained-Observed in Wave 2 N = 11,972
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	59 (1.8%)	540 (4.5%)
1943-1953 (current age: 70-79 years)	184 (5.6%)	2,010 (16.8%)
1953-1963 (current age: 60-69 years)	191 (5.9%)	1,910 (16.0%)
1963-1973 (current age: 50-59 years)	326 (10.0%)	2,180 (18.2%)
1973-1983 (current age: 40-49 years)	410 (12.6%)	1,896 (15.8%)
1983-1993 (current age: 30-39 years)	624 (19.2%)	1,850 (15.5%)
1993-1998 (current age: 25-29 years)	587 (18.0%)	843 (7.0%)
1998-2005 (current age: 18-24 years)	872 (26.8%)	745 (6.2%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	37.4	51.9
Standard Deviation	17.2	17.8
Min, Max	18.0, 93.0	18.0, 98.0
<i>Gender, n (%)</i>		
Male	1,750 (53.8%)	5,814 (48.6%)
Female	1,488 (45.7%)	6,133 (51.2%)
Other	12 (0.4%)	16 (0.1%)
(Missing)	2 (0.1%)	10 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,222 (37.6%)	2,758 (23.0%)
Married	905 (27.8%)	5,435 (45.4%)
Separated	95 (2.9%)	338 (2.8%)
Divorced	113 (3.5%)	693 (5.8%)
Widowed	48 (1.5%)	380 (3.2%)
Domestic partner	842 (25.9%)	2,321 (19.4%)
(Missing)	27 (0.8%)	48 (0.4%)
<i>Education (years), n (%)</i>		
Up to 8	53 (1.6%)	215 (1.8%)
9-15	2,565 (78.9%)	8,587 (71.7%)
16+	635 (19.5%)	3,171 (26.5%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,803 (55.4%)	6,247 (52.2%)
Self-employed	275 (8.5%)	928 (7.8%)
Retired	331 (10.2%)	3,433 (28.7%)
Student	645 (19.8%)	767 (6.4%)
Homemaker	16 (0.5%)	62 (0.5%)
Unemployed and looking for a job	111 (3.4%)	234 (2.0%)
None of these/Other	65 (2.0%)	290 (2.4%)
(Missing)	7 (0.2%)	11 (0.1%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	67 (2.1%)	169 (1.4%)
Once a week	141 (4.3%)	290 (2.4%)
One to three times a month	134 (4.1%)	350 (2.9%)
A few times a year	727 (22.4%)	3,188 (26.6%)
Never	2,172 (66.8%)	7,942 (66.3%)
(Missing)	12 (0.4%)	34 (0.3%)
<i>Immigration status, n (%)</i>		

Table S27c. Unweighted summary statistics for demographic and childhood variables in Sweden by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,252	Retained-Observed in Wave 2 N = 11,972
Born in this country	2,964 (91.1%)	11,110 (92.8%)
Born in another country	269 (8.3%)	788 (6.6%)
(Missing)	19 (0.6%)	74 (0.6%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,067 (63.5%)	8,843 (73.9%)
Parents were divorced	530 (16.3%)	1,451 (12.1%)
Parents were never married	541 (16.6%)	1,283 (10.7%)
One or both of them had died	67 (2.1%)	296 (2.5%)
Unsure	38 (1.2%)	53 (0.4%)
(Missing)	10 (0.3%)	46 (0.4%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	240 (7.4%)	712 (6.0%)
One to three times a month	299 (9.2%)	1,055 (8.8%)
Less than once a month	1,261 (38.8%)	4,958 (41.4%)
Never	1,443 (44.4%)	5,205 (43.5%)
(Missing)	10 (0.3%)	43 (0.4%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	1,910 (58.7%)	6,898 (57.6%)
Somewhat good	927 (28.5%)	3,643 (30.4%)
Somewhat bad	270 (8.3%)	945 (7.9%)
Very bad	90 (2.8%)	292 (2.4%)
(Does not apply)	45 (1.4%)	175 (1.5%)
(Missing)	11 (0.3%)	18 (0.2%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	1,571 (48.3%)	5,596 (46.7%)
Somewhat good	981 (30.2%)	3,962 (33.1%)
Somewhat bad	351 (10.8%)	1,274 (10.6%)
Very bad	198 (6.1%)	549 (4.6%)
(Does not apply)	148 (4.6%)	580 (4.8%)
(Missing)	4 (0.1%)	11 (0.1%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	488 (15.0%)	1,426 (11.9%)
No	2,733 (84.0%)	10,407 (86.9%)
(Missing)	31 (1.0%)	140 (1.2%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	521 (16.0%)	1,810 (15.1%)
No	2,722 (83.7%)	10,127 (84.6%)
(Missing)	10 (0.3%)	35 (0.3%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	1,121 (34.5%)	4,596 (38.4%)
Very good	1,131 (34.8%)	4,053 (33.9%)
Good	609 (18.7%)	2,124 (17.7%)
Fair	276 (8.5%)	865 (7.2%)
Poor	104 (3.2%)	310 (2.6%)
(Missing)	12 (0.4%)	24 (0.2%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	1,449 (44.6%)	4,548 (38.0%)

Table S27c. Unweighted summary statistics for demographic and childhood variables in Sweden by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,252	Retained-Observed in Wave 2 N = 11,972
Got by	1,446 (44.5%)	6,340 (53.0%)
Found it difficult	306 (9.4%)	967 (8.1%)
Found it very difficult	48 (1.5%)	99 (0.8%)
(Missing)	2 (0.1%)	19 (0.2%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	1,900 (58.4%)	8,728 (72.9%)
Taoism	0 (0%)	0 (0%)
Confucianism	2 (0.1%)	1 (0.0%)
Primal, Animist, or Folk religion	9 (0.3%)	23 (0.2%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	191 (5.9%)	267 (2.2%)
Hinduism	6 (0.2%)	10 (0.1%)
Buddhism	15 (0.5%)	26 (0.2%)
Judaism	7 (0.2%)	41 (0.3%)
Sikhism	6 (0.2%)	3 (0.0%)
Baha'i	0 (0%)	3 (0.0%)
Jainism	0 (0%)	0 (0%)
Shinto	1 (0.0%)	0 (0%)
Some other religion	17 (0.5%)	52 (0.4%)
No religion/Atheist/Agnostic	1,093 (33.6%)	2,798 (23.4%)
(Missing)	5 (0.2%)	21 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S27d. Unweighted summary statistics for Wave 1 outcome variables in Sweden by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,252	Wave 2 N = 11,972
<i>Secure flourishing index</i>		
Mean	6.8	7.1
Standard Deviation	1.6	1.5
Min, Max	0.1, 10.0	0.0, 10.0
(Missing)	107 (3.3%)	406 (3.4%)
<i>Flourishing index</i>		
Mean	6.8	7.1
Standard Deviation	1.6	1.6
Min, Max	0.1, 10.0	0.0, 10.0
(Missing)	91 (2.8%)	371 (3.1%)
<i>Happiness & life satisfaction</i>		
Mean	6.8	7.1
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	56 (0.5%)
<i>Physical & mental health</i>		
Mean	6.5	6.8
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	39 (0.3%)
<i>Meaning & purpose</i>		
Mean	6.5	6.9
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (0.8%)	140 (1.2%)
<i>Character & virtue</i>		
Mean	7.3	7.2
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	32 (1.0%)	141 (1.2%)
<i>Close social relationships</i>		
Mean	7.0	7.3
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.8%)	71 (0.6%)
<i>Financial & material security</i>		
Mean	6.9	7.4
Standard Deviation	2.7	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.5%)	47 (0.4%)
<i>Life satisfaction</i>		
Mean	6.8	7.1
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	31 (0.3%)
<i>Happiness</i>		
Mean	6.8	7.1
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0

Table S27d. Unweighted summary statistics for Wave 1 outcome variables in Sweden by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,252	N = 11,972
(Missing)	6 (0.2%)	32 (0.3%)
<i>Self-rated physical health</i>		
Mean	6.4	6.4
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	29 (0.2%)
<i>Self-rated mental health</i>		
Mean	6.6	7.3
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	15 (0.1%)
<i>Understanding purpose</i>		
Mean	6.3	6.7
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.5%)	105 (0.9%)
<i>Meaningful activities</i>		
Mean	6.6	7.1
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	37 (0.3%)
<i>Orientation to promote good</i>		
Mean	7.4	7.6
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.5%)	75 (0.6%)
<i>Delayed gratification</i>		
Mean	7.2	6.9
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.6%)	95 (0.8%)
<i>Relationship contentment</i>		
Mean	7.2	7.5
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	34 (0.3%)
<i>Relationship satisfaction</i>		
Mean	6.8	7.0
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.6%)	47 (0.4%)
<i>Financial security</i>		
Mean	6.7	7.3
Standard Deviation	3.0	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	22 (0.2%)
<i>Material security</i>		
Mean	7.2	7.5
Standard Deviation	2.8	2.5

Table S27d. Unweighted summary statistics for Wave 1 outcome variables in Sweden by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,252	Wave 2 N = 11,972
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.5%)	33 (0.3%)
<i>Current life evaluation</i>		
Mean	6.9	7.2
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.4%)	34 (0.3%)
<i>Future life evaluation</i>		
Mean	8.0	7.6
Standard Deviation	1.7	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	36 (0.3%)
<i>Optimism</i>		
Mean	7.2	7.3
Standard Deviation	2.5	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.4%)	40 (0.3%)
<i>Freedom to pursue what's important</i>		
Mean	7.1	7.6
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.3%)	29 (0.2%)
<i>Inner peace, n (%)</i>		
Always	331 (10.2%)	1,373 (11.5%)
Often	2,137 (65.7%)	8,494 (70.9%)
Rarely	718 (22.1%)	1,971 (16.5%)
Never	50 (1.5%)	92 (0.8%)
(Missing)	17 (0.5%)	42 (0.4%)
<i>Life balance, n (%)</i>		
Always	264 (8.1%)	1,005 (8.4%)
Often	2,138 (65.7%)	8,566 (71.5%)
Rarely	768 (23.6%)	2,218 (18.5%)
Never	53 (1.6%)	103 (0.9%)
(Missing)	29 (0.9%)	80 (0.7%)
<i>Sense of mastery, n (%)</i>		
Always	547 (16.8%)	1,784 (14.9%)
Often	2,154 (66.2%)	8,454 (70.6%)
Rarely	504 (15.5%)	1,560 (13.0%)
Never	33 (1.0%)	101 (0.8%)
(Missing)	15 (0.4%)	74 (0.6%)
<i>Traumatic distress, n (%)</i>		
A lot	203 (6.2%)	510 (4.3%)
Some	697 (21.4%)	2,405 (20.1%)
Not very much	1,260 (38.7%)	4,540 (37.9%)
Not at all	1,071 (32.9%)	4,370 (36.5%)
(Missing)	21 (0.7%)	147 (1.2%)
<i>Depression symptoms composite, n (%)</i>	859 (26.6%)	1,957 (16.5%)
(Missing)	26 (0.8%)	128 (1.1%)
<i>Depression – feel hopeless, n (%)</i>		

Table S27d. Unweighted summary statistics for Wave 1 outcome variables in Sweden by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 3,252	N = 11,972
Nearly every day	287 (8.8%)	640 (5.3%)
More than half the days	351 (10.8%)	862 (7.2%)
Several days	1,065 (32.8%)	3,389 (28.3%)
Not at all	1,541 (47.4%)	7,025 (58.7%)
(Missing)	8 (0.3%)	56 (0.5%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	240 (7.4%)	625 (5.2%)
More than half the days	523 (16.1%)	1,136 (9.5%)
Several days	933 (28.7%)	3,063 (25.6%)
Not at all	1,534 (47.2%)	7,067 (59.0%)
(Missing)	22 (0.7%)	83 (0.7%)
<i>Anxiety symptoms composite, n (%)</i>	771 (23.8%)	1,678 (14.1%)
(Missing)	15 (0.5%)	82 (0.7%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	314 (9.7%)	667 (5.6%)
More than half the days	395 (12.1%)	925 (7.7%)
Several days	1,342 (41.3%)	4,120 (34.4%)
Not at all	1,195 (36.7%)	6,214 (51.9%)
(Missing)	6 (0.2%)	47 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	280 (8.6%)	472 (3.9%)
More than half the days	349 (10.7%)	769 (6.4%)
Several days	814 (25.0%)	2,651 (22.1%)
Not at all	1,800 (55.3%)	8,031 (67.1%)
(Missing)	9 (0.3%)	49 (0.4%)
<i>Suffering, n (%)</i>		
A lot	227 (7.0%)	576 (4.8%)
Some	1,031 (31.7%)	3,433 (28.7%)
Not very much	1,332 (40.9%)	5,078 (42.4%)
Not at all	648 (19.9%)	2,831 (23.6%)
(Missing)	15 (0.5%)	54 (0.5%)
<i>Social support</i>		
Mean	8.1	8.2
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	51 (0.4%)
<i>Intimate/close friend, n (%)</i>		
Yes	2,861 (88.0%)	10,284 (85.9%)
No	383 (11.8%)	1,660 (13.9%)
(Missing)	8 (0.2%)	29 (0.2%)
<i>Government approval, n (%)</i>		
Strongly approve	156 (4.8%)	598 (5.0%)
Somewhat approve	597 (18.4%)	2,240 (18.7%)
Neither approve nor disapprove	969 (29.8%)	3,364 (28.1%)
Somewhat disapprove	869 (26.7%)	3,171 (26.5%)
Strongly disapprove	631 (19.4%)	2,545 (21.3%)
(Missing)	31 (0.9%)	54 (0.5%)
<i>Say in government, n (%)</i>		
Agree	730 (22.4%)	2,563 (21.4%)

Table S27d. Unweighted summary statistics for Wave 1 outcome variables in Sweden by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 3,252	N = 11,972
Disagree	1,656 (50.9%)	6,253 (52.2%)
Unsure	852 (26.2%)	3,097 (25.9%)
(Missing)	15 (0.5%)	60 (0.5%)
<i>Belonging in country</i>		
Mean	8.3	8.6
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.5%)	38 (0.3%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	2,436 (74.9%)	9,974 (83.3%)
Dissatisfied	438 (13.5%)	997 (8.3%)
Unsure	368 (11.3%)	951 (7.9%)
(Missing)	11 (0.3%)	51 (0.4%)
<i>Trust within country, n (%)</i>		
All people	32 (1.0%)	26 (0.2%)
Most people	972 (29.9%)	4,714 (39.4%)
Some people	1,330 (40.9%)	4,875 (40.7%)
Not very many people	876 (26.9%)	2,237 (18.7%)
None	32 (1.0%)	43 (0.4%)
(Missing)	10 (0.3%)	77 (0.6%)
<i>Number of children</i>		
Mean	0.8	0.5
Standard Deviation	1.3	1.0
Min, Max	0.0, 15.0	0.0, 18.0
(Missing)	28 (0.9%)	71 (0.6%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	421 (13.0%)	1,221 (10.2%)
Once a week	261 (8.0%)	1,021 (8.5%)
One to three times a month	323 (9.9%)	1,544 (12.9%)
A few times a year	678 (20.8%)	2,681 (22.4%)
Never	1,566 (48.1%)	5,484 (45.8%)
(Missing)	3 (0.1%)	21 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	67 (2.1%)	169 (1.4%)
Once a week	141 (4.3%)	290 (2.4%)
One to three times a month	134 (4.1%)	350 (2.9%)
A few times a year	727 (22.4%)	3,188 (26.6%)
Never	2,172 (66.8%)	7,942 (66.3%)
(Missing)	12 (0.4%)	34 (0.3%)
<i>Loneliness</i>		
Mean	3.4	3.0
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	23 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	80 (2.5%)	183 (1.5%)
Often	349 (10.7%)	931 (7.8%)
Rarely	1,245 (38.3%)	4,097 (34.2%)
Never	1,566 (48.2%)	6,708 (56.0%)

Table S27d. Unweighted summary statistics for Wave 1 outcome variables in Sweden by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,252	N = 11,972
(Missing)	13 (0.4%)	53 (0.4%)
<i>Hope</i>		
Mean	7.3	7.2
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.5%)	43 (0.4%)
<i>Gratitude</i>		
Mean	7.3	7.5
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.3%)	40 (0.3%)
<i>Showing love/care</i>		
Mean	7.9	8.1
Standard Deviation	2.0	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.3%)	37 (0.3%)
<i>Forgivingness, n (%)</i>		
Always	492 (15.1%)	1,527 (12.8%)
Often	1,947 (59.9%)	7,580 (63.3%)
Rarely	726 (22.3%)	2,567 (21.4%)
Never	76 (2.3%)	207 (1.7%)
(Missing)	12 (0.4%)	91 (0.8%)
<i>Charitable giving, n (%)</i>		
Yes	1,415 (43.5%)	6,336 (52.9%)
No	1,829 (56.2%)	5,596 (46.7%)
(Missing)	9 (0.3%)	40 (0.3%)
<i>Helping strangers, n (%)</i>		
Yes	1,848 (56.8%)	4,798 (40.1%)
No	1,396 (42.9%)	7,140 (59.6%)
(Missing)	8 (0.2%)	35 (0.3%)
<i>Volunteering, n (%)</i>		
Yes	376 (11.6%)	1,291 (10.8%)
No	2,868 (88.2%)	10,621 (88.7%)
(Missing)	8 (0.2%)	60 (0.5%)
<i>Health problems, n (%)</i>		
Yes	714 (22.0%)	3,195 (26.7%)
No	2,528 (77.7%)	8,738 (73.0%)
(Missing)	10 (0.3%)	40 (0.3%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	299 (9.2%)	1,067 (8.9%)
Some	961 (29.6%)	3,720 (31.1%)
Not very much	1,293 (39.8%)	4,680 (39.1%)
None at all	686 (21.1%)	2,476 (20.7%)
(Missing)	13 (0.4%)	29 (0.2%)
<i>Number of drinks per week</i>		
Mean	2.9	2.9
Standard Deviation	4.6	4.6
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	43 (1.3%)	158 (1.3%)

Table S27d. Unweighted summary statistics for Wave 1 outcome variables in Sweden by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,252	Wave 2 N = 11,972
<i>Days exercise per week</i>		
Mean	2.9	2.7
Standard Deviation	2.2	2.3
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	5 (0.2%)	17 (0.1%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	53 (1.6%)	215 (1.8%)
9-15	2,565 (78.9%)	8,587 (71.7%)
16+	635 (19.5%)	3,171 (26.5%)
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,803 (55.4%)	6,247 (52.2%)
Self-employed	275 (8.5%)	928 (7.8%)
Retired	331 (10.2%)	3,433 (28.7%)
Student	645 (19.8%)	767 (6.4%)
Homemaker	16 (0.5%)	62 (0.5%)
Unemployed and looking for a job	111 (3.4%)	234 (2.0%)
None of these/Other	65 (2.0%)	290 (2.4%)
(Missing)	7 (0.2%)	11 (0.1%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,368 (42.1%)	5,378 (44.9%)
Getting by on present income	1,634 (50.2%)	5,895 (49.2%)
Finding it difficult on present income	188 (5.8%)	518 (4.3%)
Finding it very difficult on present income	44 (1.3%)	128 (1.1%)
(Missing)	18 (0.6%)	53 (0.4%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	0 (0%)	0 (0%)
Someone in this household rents this home	0 (0%)	0 (0%)
Both	0 (0%)	0 (0%)
Neither	0 (0%)	0 (0%)
Rent	1,095 (33.7%)	3,242 (27.1%)
Own	2,062 (63.4%)	8,574 (71.6%)
Something else	81 (2.5%)	136 (1.1%)
(Missing)	14 (0.4%)	20 (0.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	249 (7.7%)	774 (6.5%)
Often	605 (18.6%)	2,189 (18.3%)
Rarely	1,134 (34.9%)	4,852 (40.5%)
Never	1,252 (38.5%)	4,117 (34.4%)
(Missing)	12 (0.4%)	41 (0.3%)
<i>Belief in life after death, n (%)</i>		
Yes	1,117 (34.3%)	3,316 (27.7%)
No	1,007 (30.9%)	4,559 (38.1%)
Unsure	1,117 (34.3%)	4,034 (33.7%)
(Missing)	12 (0.4%)	64 (0.5%)
<i>Transformative religious experience, n (%)</i>		
Yes	515 (15.8%)	1,488 (12.4%)
No	2,720 (83.6%)	10,430 (87.1%)
(Missing)	17 (0.5%)	54 (0.5%)

Table S27d. Unweighted summary statistics for Wave 1 outcome variables in Sweden by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 3,252	Wave 2 N = 11,972
<i>Religious reading or listening, n (%)</i>		
More than once a day	65 (2.0%)	130 (1.1%)
About once a day	140 (4.3%)	350 (2.9%)
Sometimes	756 (23.2%)	2,926 (24.4%)
Never	2,287 (70.3%)	8,505 (71.0%)
(Missing)	4 (0.1%)	61 (0.5%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	137 (4.2%)	395 (3.3%)
About once a day	254 (7.8%)	925 (7.7%)
Sometimes	963 (29.6%)	3,523 (29.4%)
Never	1,896 (58.3%)	7,093 (59.2%)
(Missing)	3 (0.1%)	37 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	688 (21.1%)	2,294 (19.2%)
More than one god	97 (3.0%)	314 (2.6%)
An impersonal spiritual force	655 (20.1%)	2,538 (21.2%)
None of these	1,210 (37.2%)	4,709 (39.3%)
Unsure	579 (17.8%)	2,070 (17.3%)
(Missing)	24 (0.7%)	48 (0.4%)
<i>Religious centrality, n (%)</i>		
Agree	400 (12.3%)	1,465 (12.2%)
Disagree	1,043 (32.1%)	3,779 (31.6%)
Not relevant	1,504 (46.3%)	5,542 (46.3%)
Unsure	288 (8.9%)	1,061 (8.9%)
(Missing)	16 (0.5%)	125 (1.0%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	715 (22.0%)	2,534 (21.2%)
Disagree	730 (22.4%)	2,712 (22.7%)
Not relevant	1,492 (45.9%)	5,460 (45.6%)
Unsure	300 (9.2%)	1,143 (9.5%)
(Missing)	16 (0.5%)	124 (1.0%)
<i>Feel loved by God, n (%)</i>		
Agree	638 (19.6%)	2,058 (17.2%)
Disagree	702 (21.6%)	2,886 (24.1%)
Not relevant	1,548 (47.6%)	5,543 (46.3%)
Unsure	345 (10.6%)	1,341 (11.2%)
(Missing)	19 (0.6%)	145 (1.2%)
<i>Feel punished by God, n (%)</i>		
Agree	209 (6.4%)	407 (3.4%)
Disagree	1,297 (39.9%)	5,439 (45.4%)
Not relevant	1,452 (44.7%)	5,088 (42.5%)
Unsure	277 (8.5%)	912 (7.6%)
(Missing)	17 (0.5%)	127 (1.1%)
<i>Experienced religious criticism, n (%)</i>		
Agree	124 (3.8%)	229 (1.9%)
Disagree	981 (30.2%)	3,598 (30.1%)
Not relevant	1,917 (58.9%)	7,481 (62.5%)
Unsure	204 (6.3%)	502 (4.2%)
(Missing)	26 (0.8%)	163 (1.4%)

Table S27d. Unweighted summary statistics for Wave 1 outcome variables in Sweden by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,252	N = 11,972
<i>Faith-sharing, n (%)</i>		
Agree	663 (20.4%)	2,185 (18.3%)
Disagree	756 (23.2%)	2,977 (24.9%)
Not relevant	1,646 (50.6%)	6,141 (51.3%)
Unsure	169 (5.2%)	538 (4.5%)
(Missing)	18 (0.5%)	131 (1.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S27e. Summary of fitted attrition model in Sweden

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	1.03	0.94, 1.12	0.545
Happiness & life satisfaction	0.94	0.86, 1.04	0.215
Physical & mental health	1.09	1.01, 1.18	0.036
Meaning & purpose	1.04	0.96, 1.13	0.331
Character & virtue	0.89	0.84, 0.94	3.39e-05
Close social relationships	1.02	0.95, 1.09	0.655
Financial & material security	1.05	0.99, 1.12	0.077
Extraversion	0.96	0.90, 1.01	0.117
Openness to experience	0.92	0.87, 0.97	0.003
Agreeableness	1.06	1.00, 1.12	0.040
Conscientiousness	1.16	1.10, 1.22	1.07e-07
Neuroticism	0.98	0.92, 1.04	0.535
Depression symptoms composite	0.93	0.87, 0.99	0.015
Anxiety symptoms composite	0.99	0.93, 1.05	0.705
Loneliness	1.09	1.02, 1.17	0.012
Days exercise per week	0.96	0.91, 1.01	0.122
Year of birth (age group)			
1983-1993 (current age: 30-39 years)	—	—	
1963-1973 (current age: 50-59 years)	2.44	2.01, 2.95	8.19e-20
1953-1963 (current age: 60-69 years)	3.45	2.72, 4.39	5.60e-24
1943-1953 (current age: 70-79 years)	3.44	2.47, 4.81	3.87e-13
1973-1983 (current age: 40-49 years)	1.61	1.35, 1.93	1.41e-07
1998-2005 (current age: 18-24 years)	0.32	0.26, 0.39	4.83e-29
1993-1998 (current age: 25-29 years)	0.48	0.40, 0.57	4.59e-17
1943 or earlier (current age: 80+ years)	3.04	2.01, 4.61	1.64e-07
Gender of respondent			
Male	—	—	
Female	1.11	0.99, 1.25	0.063
Other	1.01	0.40, 2.57	0.979
Marital status			
Married	—	—	
Domestic partner	0.96	0.83, 1.12	0.621
Single/Never been married	1.03	0.86, 1.22	0.778
Divorced	0.82	0.63, 1.06	0.136
Separated	0.73	0.54, 0.97	0.032
Widowed	0.72	0.49, 1.06	0.098
Employment status			
Employed for an employer	—	—	
Retired	1.11	0.85, 1.44	0.433
Student	1.05	0.87, 1.27	0.602
Self-employed	0.75	0.60, 0.93	0.008
Unemployed and looking for a job	0.80	0.59, 1.07	0.129
None of these/Other	1.33	0.95, 1.86	0.094
Homemaker	1.26	0.65, 2.44	0.489
Religious attendance			
Never	—	—	
A few times a year	1.00	0.88, 1.13	0.955
One to three times a month	0.84	0.62, 1.14	0.269
Once a week	0.80	0.60, 1.07	0.132
More than once a week	1.04	0.67, 1.61	0.861
Educational attainment (16+ years)			
9-15	—	—	

Table S27e. Summary of fitted attrition model in Sweden

Characteristic	Odds Ratio	95% CI	p-value
16+	1.54	1.35, 1.75	9.56e-11
Up to 8	0.66	0.46, 0.96	0.029
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.89	0.72, 1.09	0.255
Urbanicity			
<i>A large city</i>	—	—	
<i>A small town or village</i>	1.04	0.91, 1.18	0.579
<i>A suburb of a large city</i>	1.05	0.91, 1.21	0.539
<i>A rural area or on a farm</i>	0.98	0.82, 1.17	0.816
Monthly household income			
<i>Sweden: 40,001 - 50,000 SEK</i>	—	—	
<i>Sweden: 15,001 - 25,000 SEK</i>	1.10	0.87, 1.38	0.433
<i>Sweden: 50,001 - 60,000 SEK</i>	1.10	0.89, 1.36	0.387
<i>Sweden: 35,001 - 40,000 SEK</i>	1.05	0.84, 1.31	0.674
<i>Sweden: 25,001 - 30,000 SEK</i>	1.23	0.98, 1.54	0.081
<i>Sweden: 60,001 - 70,000 SEK</i>	1.15	0.93, 1.44	0.194
<i>Sweden: 30,001 - 35,000 SEK</i>	1.07	0.86, 1.34	0.551
<i>Sweden: 70,001 - 80,000 SEK</i>	1.00	0.79, 1.26	0.988
<i>Sweden: 80,001 - 100,000 SEK</i>	0.98	0.77, 1.24	0.861
<i>Sweden: 10,001 - 15,000 SEK</i>	1.49	1.12, 1.99	0.006
<i>Sweden: More than 100,000 SEK</i>	0.79	0.61, 1.01	0.057
<i>(None/No household income)</i>	1.28	0.92, 1.77	0.141
<i>Sweden: 10,000 SEK or less</i>	2.03	1.35, 3.06	6.99e-04

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=15068; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S27f. Summary of principal components in Sweden

PC	Percent Explained by each PC	Cumulative Percent Explained
1	32.04	32.04
2	7.90	39.94
3	5.54	45.49
4	2.38	47.87
5	2.15	50.01
6	1.72	51.74
7	1.61	53.34
8	1.59	54.93
9	1.47	56.40
10	1.42	57.83
11	1.37	59.19
12	1.33	60.52
13	1.29	61.82
14	1.22	63.04
15	1.15	64.19
16	1.10	65.29
17	1.08	66.37
18	1.02	67.39
19	0.98	68.36
20	0.96	69.32

Notes. N=15068; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S27g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Sweden

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.77	(0.76,0.79)	0.01	2.22e-16***	0.63	(0.60,0.65)	0.01	2.22e-16***
Flourishing index	0.74	(0.72,0.75)	0.01	2.22e-16***	0.56	(0.54,0.59)	0.01	2.22e-16***
Happiness & life satisfaction	0.64	(0.62,0.66)	0.01	2.22e-16***	0.26	(0.24,0.29)	0.01	2.22e-16***
Physical & mental health	0.60	(0.59,0.62)	0.01	2.22e-16***	0.26	(0.24,0.28)	0.01	2.22e-16***
Meaning & purpose	0.60	(0.58,0.61)	0.01	2.22e-16***	0.25	(0.23,0.27)	0.01	2.22e-16***
Character & virtue	0.32	(0.31,0.34)	0.01	2.22e-16***	0.09	(0.07,0.10)	0.01	2.22e-16***
Close social relationships	0.54	(0.52,0.56)	0.01	2.22e-16***	0.26	(0.24,0.27)	0.01	2.22e-16***
Financial & material security	0.39	(0.37,0.41)	0.01	2.22e-16***	0.17	(0.15,0.19)	0.01	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.61	(0.60,0.63)	0.01	2.22e-16***	0.23	(0.20,0.25)	0.01	2.22e-16***
Happiness (a)	0.60	(0.58,0.62)	0.01	2.22e-16***	0.20	(0.18,0.22)	0.01	2.22e-16***
Self-rated physical health (b)	0.41	(0.39,0.43)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
Self-rated mental health (b)	0.60	(0.59,0.62)	0.01	2.22e-16***	0.19	(0.16,0.21)	0.01	2.22e-16***
Understanding purpose (c)	0.47	(0.46,0.49)	0.01	2.22e-16***	0.16	(0.15,0.18)	0.01	2.22e-16***
Meaningful activities (c)	0.57	(0.55,0.59)	0.01	2.22e-16***	0.20	(0.18,0.22)	0.01	2.22e-16***
Orientation to promote good (d)	0.33	(0.31,0.35)	0.01	2.22e-16***	0.08	(0.07,0.10)	0.01	2.22e-16***
Delayed gratification (d)	0.22	(0.20,0.24)	0.01	2.22e-16***	0.06	(0.05,0.07)	0.01	2.22e-16***
Relationship contentment (e)	0.51	(0.49,0.53)	0.01	2.22e-16***	0.20	(0.18,0.22)	0.01	2.22e-16***
Relationship satisfaction (e)	0.51	(0.49,0.53)	0.01	2.22e-16***	0.21	(0.19,0.23)	0.01	2.22e-16***
Financial security (f)	0.36	(0.34,0.38)	0.01	2.22e-16***	0.16	(0.14,0.17)	0.01	2.22e-16***
Material security (f)	0.35	(0.33,0.37)	0.01	2.22e-16***	0.13	(0.11,0.14)	0.01	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.53	(0.51,0.54)	0.01	2.22e-16***	0.15	(0.13,0.17)	0.01	2.22e-16***
Future life evaluation	0.45	(0.43,0.47)	0.01	2.22e-16***	0.12	(0.10,0.14)	0.01	2.22e-16***
Optimism	0.44	(0.42,0.46)	0.01	2.22e-16***	0.10	(0.08,0.12)	0.01	2.22e-16***
Freedom to pursue what's important	0.45	(0.43,0.47)	0.01	2.22e-16***	0.12	(0.11,0.14)	0.01	2.22e-16***
Inner peace	0.38	(0.36,0.40)	0.01	2.22e-16***	0.01	(-0.01,0.03)	0.01	0.250
Life balance	0.38	(0.36,0.40)	0.01	2.22e-16***	0.02	(0.00,0.04)	0.01	0.019*
Sense of mastery	0.33	(0.32,0.35)	0.01	2.22e-16***	0.03	(0.02,0.05)	0.01	2.23e-04***
<i>Psychological Distress</i>								
Traumatic distress	-0.13	(-0.15,-0.11)	0.01	2.22e-16***	-0.02	(-0.04,-0.01)	0.01	2.25e-03**
Depression symptoms composite	-0.33	(-0.35,-0.31)	0.01	2.22e-16***	0.00	(-0.02,0.02)	0.01	0.736
Depression – feel hopeless	-0.33	(-0.35,-0.31)	0.01	2.22e-16***	0.03	(0.01,0.05)	0.01	3.48e-03**
Depression – loss of interest	-0.24	(-0.26,-0.22)	0.01	2.22e-16***	0.02	(0.00,0.04)	0.01	0.016*
Anxiety symptoms composite	-0.30	(-0.32,-0.29)	0.01	2.22e-16***	0.02	(0.01,0.04)	0.01	0.012*
Anxiety – feel on edge	-0.29	(-0.31,-0.28)	0.01	2.22e-16***	0.05	(0.03,0.07)	0.01	5.41e-07***
Anxiety – cannot stop worrying	-0.27	(-0.29,-0.25)	0.01	2.22e-16***	0.06	(0.04,0.08)	0.01	2.42e-08***
Suffering	-0.31	(-0.33,-0.29)	0.01	2.22e-16***	-0.03	(-0.05,-0.02)	0.01	1.83e-04***
<i>Social Well-Being</i>								
Social support	0.33	(0.31,0.35)	0.01	2.22e-16***	0.07	(0.06,0.09)	0.01	2.22e-16***
Intimate/close friend	0.18	(0.16,0.20)	0.01	2.22e-16***	0.03	(0.02,0.05)	0.01	5.12e-06***
Government approval	0.08	(0.06,0.10)	0.01	2.22e-16***	0.02	(0.01,0.04)	0.01	9.32e-05***
Say in government	0.07	(0.06,0.09)	0.01	2.22e-16***	0.00	(-0.01,0.01)	0.01	0.818
Belonging in country	0.25	(0.23,0.27)	0.01	2.22e-16***	0.04	(0.03,0.06)	0.01	7.69e-08***
City/place satisfaction	0.18	(0.16,0.20)	0.01	2.22e-16***	0.04	(0.02,0.05)	0.01	1.8e-07***
Trust within country	0.13	(0.11,0.15)	0.01	2.22e-16***	0.03	(0.02,0.04)	0.01	2.62e-05***
<i>Social Participation</i>								
Ever been married	0.07	(0.01,0.12)	0.03	0.013*	0.05	(0.01,0.09)	0.02	0.013*
Currently divorced	0.02	(0.01,0.04)	0.01	0.012*	0.01	(-0.01,0.02)	0.01	0.256
Number of children	-0.02	(-0.04,0.00)	0.01	0.103	-0.02	(-0.03,-0.00)	0.01	0.023*
Weekly+ community participation	0.06	(0.04,0.08)	0.01	1.85e-12***	0.00	(-0.01,0.01)	0.01	0.810
Weekly+ religious attendance	0.04	(0.02,0.06)	0.01	7.04e-04**	0.01	(-0.01,0.03)	0.01	0.440
<i>Social Distress</i>								
Loneliness	-0.48	(-0.50,-0.46)	0.01	2.22e-16***	-0.18	(-0.20,-0.16)	0.01	2.22e-16***
Perceived discrimination	-0.10	(-0.12,-0.08)	0.01	2.22e-16***	-0.01	(-0.03,0.00)	0.01	0.153
<i>Character & Prosocial Behavior</i>								
Hope	0.47	(0.45,0.49)	0.01	2.22e-16***	0.13	(0.11,0.14)	0.01	2.22e-16***
Gratitude	0.45	(0.43,0.46)	0.01	2.22e-16***	0.12	(0.10,0.14)	0.01	2.22e-16***
Showing love/care	0.26	(0.25,0.28)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	7.88e-07***
Forgivingness	0.08	(0.06,0.10)	0.01	2.22e-16***	0.01	(-0.00,0.02)	0.01	0.172
Charitable giving	0.06	(0.04,0.08)	0.01	5.06e-10***	0.01	(-0.00,0.02)	0.01	0.143
Helping strangers	0.04	(0.02,0.06)	0.01	5.43e-06***	0.01	(-0.01,0.02)	0.01	0.251
Volunteering	0.06	(0.04,0.08)	0.01	2.86e-10***	0.00	(-0.01,0.02)	0.01	0.515
<i>Physical Health & Health Behavior</i>								
Health problems	-0.20	(-0.22,-0.18)	0.01	2.22e-16***	-0.07	(-0.09,-0.05)	0.01	2.22e-16***
Pain in past 4 weeks	-0.15	(-0.17,-0.13)	0.01	2.22e-16***	-0.04	(-0.05,-0.03)	0.01	1.23e-08***
Daily smoker	-0.06	(-0.08,-0.04)	0.01	1.03e-07***	-0.01	(-0.03,0.00)	0.01	0.050
Number of drinks per week	-0.02	(-0.04,-0.00)	0.01	0.040*	-0.01	(-0.02,0.01)	0.01	0.396
Days exercise per week	0.13	(0.11,0.15)	0.01	2.22e-16***	0.04	(0.03,0.06)	0.01	5.05e-10***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.04	(0.03,0.06)	0.01	2.99e-07***	0.01	(0.00,0.03)	0.01	0.039*
Currently employed	0.12	(0.09,0.14)	0.01	2.22e-16***	0.02	(-0.00,0.04)	0.01	0.052
Financially comfortable/getting by	0.18	(0.17,0.20)	0.01	2.22e-16***	0.05	(0.04,0.06)	0.01	5.19e-13***
Own home	0.05	(0.03,0.07)	0.01	9.63e-08***	0.02	(0.00,0.03)	0.01	0.014*
Income – top quintile	0.04	(0.02,0.06)	0.01	5.06e-05***	0.01	(-0.01,0.02)	0.01	0.282
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.08	(0.05,0.10)	0.01	1.08e-12***	0.04	(0.02,0.05)	0.01	1.28e-04***
Belief in life after death	0.03	(0.02,0.05)	0.01	3.54e-04***	0.00	(-0.01,0.02)	0.01	0.957
Transformative religious experience	0.02	(-0.00,0.04)	0.01	0.073	0.02	(-0.00,0.03)	0.01	0.058
Religious reading or listening	0.05	(0.02,0.07)	0.01	3.73e-05***	0.05	(0.04,0.07)	0.01	9.65e-09***
Prayer or meditation	0.03	(0.01,0.06)	0.01	4.16e-03**	0.02	(0.01,0.04)	0.01	0.012*
Belief in God/gods/spiritual forces	0.02	(-0.00,0.04)	0.01	0.053	0.01	(-0.00,0.03)	0.01	0.146
Religious centrality	0.05	(0.02,0.07)	0.01	3.36e-05***	0.01	(-0.01,0.03)	0.01	0.518
Religious/spiritual comfort	0.07	(0.05,0.09)	0.01	2.93e-10***	0.02	(0.00,0.04)	0.01	0.031*
Feel loved by God	0.07	(0.05,0.09)	0.01	1.56e-10***	0.02	(-0.01,0.04)	0.01	0.147
Feel punished by God	-0.08	(-0.10,-0.06)	0.01	7.11e-13***	-0.02	(-0.04,-0.01)	0.01	0.011*
Experienced religious criticism	-0.01	(-0.03,0.01)	0.01	0.205	0.01	(-0.01,0.02)	0.01	0.347
Faith-sharing	0.02	(-0.00,0.04)	0.01	0.067	-0.00	(-0.02,0.01)	0.01	0.710

Notes. N=15068; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S27h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Sweden using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.74	(0.73,0.76)	0.01	2.22e-16***	0.61	(0.58,0.64)	0.02	2.22e-16***
Flourishing index	0.71	(0.69,0.73)	0.01	2.22e-16***	0.55	(0.52,0.58)	0.02	2.22e-16***
Happiness & life satisfaction	0.62	(0.60,0.64)	0.01	2.22e-16***	0.28	(0.23,0.33)	0.03	9.08e-14***
Physical & mental health	0.58	(0.56,0.60)	0.01	2.22e-16***	0.26	(0.23,0.29)	0.01	2.22e-16***
Meaning & purpose	0.57	(0.55,0.59)	0.01	2.22e-16***	0.24	(0.22,0.27)	0.01	2.22e-16***
Character & virtue	0.30	(0.28,0.32)	0.01	2.22e-16***	0.08	(0.06,0.10)	0.01	2.89e-15***
Close social relationships	0.52	(0.49,0.54)	0.01	2.22e-16***	0.25	(0.23,0.27)	0.01	2.22e-16***
Financial & material security	0.37	(0.35,0.39)	0.01	2.22e-16***	0.17	(0.15,0.19)	0.01	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.59	(0.57,0.62)	0.01	2.22e-16***	0.23	(0.20,0.27)	0.02	2.22e-16***
Happiness (a)	0.58	(0.55,0.60)	0.01	2.22e-16***	0.20	(0.17,0.23)	0.02	2.22e-16***
Self-rated physical health (b)	0.39	(0.37,0.41)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
Self-rated mental health (b)	0.58	(0.56,0.60)	0.01	2.22e-16***	0.18	(0.15,0.21)	0.01	2.22e-16***
Understanding purpose (c)	0.45	(0.43,0.47)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
Meaningful activities (c)	0.55	(0.52,0.57)	0.01	2.22e-16***	0.19	(0.16,0.21)	0.01	2.22e-16***
Orientation to promote good (d)	0.31	(0.29,0.33)	0.01	2.22e-16***	0.07	(0.05,0.09)	0.01	6.41e-13***
Delayed gratification (d)	0.20	(0.18,0.22)	0.01	2.22e-16***	0.05	(0.03,0.07)	0.01	3.46e-09***
Relationship contentment (e)	0.49	(0.47,0.51)	0.01	2.22e-16***	0.20	(0.18,0.23)	0.01	2.22e-16***
Relationship satisfaction (e)	0.49	(0.47,0.51)	0.01	2.22e-16***	0.21	(0.18,0.23)	0.01	2.22e-16***
Financial security (f)	0.34	(0.31,0.36)	0.01	2.22e-16***	0.15	(0.13,0.17)	0.01	2.22e-16***
Material security (f)	0.33	(0.31,0.36)	0.01	2.22e-16***	0.13	(0.11,0.15)	0.01	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.51	(0.49,0.53)	0.01	2.22e-16***	0.15	(0.13,0.18)	0.01	2.22e-16***
Future life evaluation	0.44	(0.41,0.46)	0.01	2.22e-16***	0.12	(0.10,0.14)	0.01	2.22e-16***
Optimism	0.43	(0.40,0.45)	0.01	2.22e-16***	0.10	(0.08,0.13)	0.01	2.22e-16***
Freedom to pursue what's important	0.43	(0.41,0.45)	0.01	2.22e-16***	0.13	(0.10,0.15)	0.01	2.22e-16***
Inner peace	0.37	(0.34,0.39)	0.01	2.22e-16***	0.00	(-0.02,0.03)	0.01	0.742
Life balance	0.37	(0.34,0.39)	0.01	2.22e-16***	0.02	(-0.00,0.04)	0.01	0.089
Sense of mastery	0.32	(0.29,0.34)	0.01	2.22e-16***	0.03	(0.01,0.05)	0.01	0.009*
<i>Psychological Distress</i>								
Traumatic distress	-0.12	(-0.14,-0.10)	0.01	2.22e-16***	-0.03	(-0.04,-0.01)	0.01	1.96e-03**
Depression symptoms composite	-0.32	(-0.34,-0.29)	0.01	2.22e-16***	-0.00	(-0.02,0.02)	0.01	0.947
Depression – feel hopeless	-0.32	(-0.34,-0.29)	0.01	2.22e-16***	0.04	(0.01,0.06)	0.01	0.006*
Depression – loss of interest	-0.23	(-0.25,-0.20)	0.01	2.22e-16***	0.02	(0.00,0.05)	0.01	0.025*
Anxiety symptoms composite	-0.29	(-0.31,-0.26)	0.01	2.22e-16***	0.03	(0.00,0.05)	0.01	0.044*
Anxiety – feel on edge	-0.28	(-0.30,-0.25)	0.01	2.22e-16***	0.05	(0.03,0.08)	0.01	7.12e-05***
Anxiety – cannot stop worrying	-0.25	(-0.28,-0.23)	0.01	2.22e-16***	0.06	(0.03,0.08)	0.01	4.01e-05***
Suffering	-0.30	(-0.32,-0.28)	0.01	2.22e-16***	-0.04	(-0.06,-0.02)	0.01	3.66e-04***
<i>Social Well-Being</i>								
Social support	0.31	(0.29,0.34)	0.01	2.22e-16***	0.07	(0.05,0.09)	0.01	2.04e-11***
Intimate/close friend	0.17	(0.15,0.20)	0.01	2.22e-16***	0.04	(0.02,0.05)	0.01	1.27e-05***
Government approval	0.08	(0.06,0.10)	0.01	2.44e-15***	0.03	(0.01,0.04)	0.01	9.89e-05***
Say in government	0.07	(0.05,0.09)	0.01	1.14e-12***	0.00	(-0.01,0.02)	0.01	0.881
Belonging in country	0.23	(0.21,0.26)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	1.85e-04***
City/place satisfaction	0.16	(0.14,0.19)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	3.33e-05***
Trust within country	0.12	(0.10,0.15)	0.01	2.22e-16***	0.03	(0.01,0.05)	0.01	4.19e-04***
<i>Social Participation</i>								
Ever been married	0.10	(0.04,0.15)	0.03	1.36e-03**	0.05	(0.00,0.09)	0.02	0.031*
Currently divorced	0.03	(0.01,0.05)	0.01	0.015*	0.00	(-0.02,0.02)	0.01	0.888
Number of children	-0.02	(-0.04,0.01)	0.01	0.242	-0.02	(-0.04,0.00)	0.01	0.111
Weekly+ community participation	0.05	(0.03,0.07)	0.01	2.03e-07***	0.00	(-0.01,0.02)	0.01	0.924
Weekly+ religious attendance	0.04	(0.01,0.07)	0.01	2.57e-03**	0.02	(-0.00,0.05)	0.01	0.081
<i>Social Distress</i>								
Loneliness	-0.45	(-0.47,-0.43)	0.01	2.22e-16***	-0.18	(-0.20,-0.15)	0.01	2.22e-16***
Perceived discrimination	-0.09	(-0.12,-0.07)	0.01	1.46e-13***	-0.01	(-0.03,0.01)	0.01	0.343
<i>Character & Prosocial Behavior</i>								
Hope	0.45	(0.43,0.47)	0.01	2.22e-16***	0.12	(0.10,0.14)	0.01	2.22e-16***
Gratitude	0.43	(0.41,0.45)	0.01	2.22e-16***	0.12	(0.10,0.14)	0.01	2.22e-16***
Showing love/care	0.25	(0.23,0.28)	0.01	2.22e-16***	0.03	(0.01,0.06)	0.01	1.35e-03**
Forgivingness	0.08	(0.06,0.10)	0.01	5.78e-13***	0.01	(-0.01,0.02)	0.01	0.432
Charitable giving	0.05	(0.03,0.07)	0.01	6.39e-06***	0.01	(-0.01,0.02)	0.01	0.385
Helping strangers	0.04	(0.02,0.06)	0.01	4.93e-04***	0.01	(-0.01,0.02)	0.01	0.502
Volunteering	0.06	(0.03,0.08)	0.01	7.24e-07***	0.00	(-0.01,0.02)	0.01	0.606
<i>Physical Health & Health Behavior</i>								
Health problems	-0.19	(-0.21,-0.16)	0.01	2.22e-16***	-0.07	(-0.09,-0.05)	0.01	2.24e-12***
Pain in past 4 weeks	-0.14	(-0.16,-0.12)	0.01	2.22e-16***	-0.04	(-0.06,-0.02)	0.01	5.17e-06***
Daily smoker	-0.05	(-0.07,-0.02)	0.01	1.69e-04***	-0.02	(-0.03,0.00)	0.01	0.111
Number of drinks per week	-0.02	(-0.04,0.01)	0.01	0.126	-0.00	(-0.02,0.01)	0.01	0.638
Days exercise per week	0.12	(0.10,0.14)	0.01	2.22e-16***	0.04	(0.02,0.05)	0.01	2.73e-06***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.04	(0.03,0.06)	0.01	4.65e-06***	0.02	(0.00,0.03)	0.01	0.025*
Currently employed	0.11	(0.09,0.14)	0.02	2.68e-14***	0.02	(0.00,0.05)	0.01	0.039*
Financially comfortable/getting by	0.18	(0.16,0.20)	0.01	2.22e-16***	0.05	(0.03,0.07)	0.01	3.6e-09***
Own home	0.04	(0.02,0.07)	0.01	1.06e-04***	0.02	(-0.00,0.03)	0.01	0.077
Income – top quintile	0.04	(0.01,0.06)	0.01	2.7e-03**	0.01	(-0.01,0.03)	0.01	0.378
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.07	(0.05,0.10)	0.01	1.8e-08***	0.04	(0.02,0.06)	0.01	7.9e-04**
Belief in life after death	0.03	(0.00,0.05)	0.01	0.026*	-0.01	(-0.03,0.01)	0.01	0.388
Transformative religious experience	0.02	(-0.00,0.05)	0.01	0.069	0.02	(-0.00,0.04)	0.01	0.132
Religious reading or listening	0.06	(0.03,0.08)	0.01	7.17e-05***	0.07	(0.05,0.10)	0.01	1.75e-08***
Prayer or meditation	0.05	(0.02,0.07)	0.01	1.39e-03**	0.03	(0.01,0.06)	0.01	4.89e-03**
Belief in God/gods/spiritual forces	0.02	(-0.00,0.05)	0.01	0.059	0.01	(-0.01,0.03)	0.01	0.326
Religious centrality	0.05	(0.02,0.08)	0.01	1.29e-04***	0.01	(-0.01,0.04)	0.01	0.287
Religious/spiritual comfort	0.05	(0.03,0.08)	0.01	3.04e-05***	0.02	(-0.01,0.05)	0.01	0.133
Feel loved by God	0.06	(0.03,0.08)	0.01	4.58e-05***	0.01	(-0.02,0.04)	0.01	0.557
Feel punished by God	-0.09	(-0.11,-0.06)	0.01	1.05e-09***	-0.02	(-0.05,-0.00)	0.01	0.037*
Experienced religious criticism	-0.00	(-0.03,0.03)	0.01	0.967	0.02	(-0.00,0.04)	0.01	0.079
Faith-sharing	0.01	(-0.01,0.04)	0.01	0.313	-0.00	(-0.02,0.02)	0.01	0.945

Notes. N=11609; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S27i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Sweden

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.53	2.50	2.25	2.21	2.48	2.44	2.22	2.16
Flourishing index	2.43	2.40	2.11	2.07	2.38	2.34	2.09	2.03
Happiness & life satisfaction	2.03	2.01	1.52	1.48	2.00	1.97	1.54	1.47
Physical & mental health	2.02	2.00	1.52	1.49	1.99	1.96	1.53	1.48
Meaning & purpose	1.89	1.87	1.46	1.44	1.85	1.83	1.45	1.42
Character & virtue	1.71	1.68	1.29	1.26	1.67	1.63	1.26	1.22
Close social relationships	1.80	1.78	1.46	1.44	1.77	1.74	1.45	1.42
Financial & material security	1.57	1.55	1.32	1.30	1.55	1.52	1.32	1.29
Individual Flourishing Index Items								
Life satisfaction	1.94	1.92	1.45	1.41	1.92	1.89	1.45	1.41
Happiness	1.96	1.94	1.42	1.39	1.93	1.90	1.42	1.37
Self-rated physical health	1.68	1.66	1.35	1.33	1.67	1.64	1.36	1.33
Self-rated mental health	1.87	1.84	1.37	1.34	1.84	1.81	1.36	1.32
Understanding purpose	1.65	1.63	1.31	1.29	1.62	1.60	1.31	1.28
Meaningful activities	1.84	1.82	1.39	1.36	1.81	1.78	1.37	1.34
Orientation to promote good	1.67	1.64	1.26	1.23	1.65	1.61	1.24	1.20
Delayed gratification	1.44	1.41	1.19	1.16	1.41	1.38	1.18	1.14
Relationship contentment	1.77	1.75	1.39	1.36	1.75	1.72	1.40	1.36
Relationship satisfaction	1.71	1.69	1.38	1.35	1.69	1.66	1.37	1.35
Financial security	1.50	1.48	1.29	1.27	1.47	1.45	1.28	1.26
Material security	1.51	1.49	1.26	1.24	1.50	1.47	1.27	1.24
Psychological Well-Being								
Current life evaluation	1.95	1.92	1.37	1.33	1.93	1.90	1.38	1.34
Future life evaluation	1.84	1.81	1.33	1.29	1.82	1.79	1.32	1.28
Optimism	1.66	1.64	1.25	1.22	1.64	1.62	1.25	1.21
Freedom to pursue what's important	1.69	1.67	1.28	1.26	1.67	1.64	1.29	1.26
Inner peace	4.30	4.09	1.19	1.00	4.11	3.86	1.10	1.00
Life balance	4.14	3.95	1.27	1.10	3.96	3.73	1.26	1.00
Sense of mastery	4.17	3.94	1.39	1.24	3.97	3.70	1.35	1.15
Psychological Distress								
Traumatic distress	1.95	1.84	1.27	1.15	1.90	1.77	1.31	1.17
Depression symptoms composite	3.76	3.56	1.09	1.00	3.62	3.38	1.05	1.00
Depression – feel hopeless	4.21	3.98	1.38	1.19	3.95	3.67	1.43	1.20
Depression – loss of interest	2.97	2.80	1.28	1.11	2.88	2.68	1.32	1.10
Anxiety symptoms composite	3.66	3.46	1.32	1.13	3.48	3.23	1.33	1.04
Anxiety – feel on edge	3.64	3.43	1.53	1.38	3.44	3.19	1.54	1.34
Anxiety – cannot stop worrying	3.67	3.43	1.63	1.46	3.47	3.19	1.60	1.38
Suffering	3.01	2.88	1.34	1.22	2.97	2.82	1.37	1.22
Social Well-Being								
Social support	1.57	1.54	1.21	1.18	1.55	1.52	1.21	1.17
Intimate/close friend	2.60	2.42	1.42	1.29	2.56	2.36	1.45	1.30
Government approval	1.66	1.56	1.29	1.19	1.66	1.54	1.33	1.22
Say in government	1.63	1.53	1.06	1.00	1.62	1.49	1.05	1.00
Belonging in country	1.48	1.45	1.16	1.13	1.46	1.43	1.15	1.10
City/place satisfaction	2.45	2.30	1.42	1.31	2.33	2.16	1.42	1.28
Trust within country	2.00	1.87	1.34	1.23	1.97	1.82	1.36	1.22
Social Participation								
Ever been married	1.53	1.20	1.42	1.16	1.67	1.35	1.41	1.10
Currently divorced	1.45	1.18	1.22	1.00	1.47	1.17	1.07	1.00
Number of children	1.14	1.00	1.14	1.05	1.13	1.00	1.15	1.00
Weekly+ community participation	1.55	1.44	1.06	1.00	1.50	1.36	1.04	1.00
Weekly+ religious attendance	1.62	1.34	1.22	1.00	1.68	1.33	1.44	1.00
Social Distress								
Loneliness	1.63	1.61	1.33	1.30	1.61	1.58	1.32	1.29
Perceived discrimination	2.05	1.87	1.22	1.00	1.97	1.76	1.20	1.00
Character & Prosocial Behavior								
Hope	1.72	1.69	1.29	1.26	1.69	1.67	1.28	1.25
Gratitude	1.68	1.66	1.28	1.25	1.66	1.64	1.28	1.24
Showing love/care	1.53	1.50	1.16	1.12	1.52	1.48	1.15	1.09
Forgivingness	1.67	1.56	1.17	1.00	1.65	1.52	1.14	1.00
Charitable giving	1.47	1.36	1.16	1.00	1.41	1.29	1.13	1.00
Helping strangers	1.38	1.26	1.14	1.00	1.35	1.21	1.11	1.00
Volunteering	1.67	1.51	1.13	1.00	1.63	1.44	1.13	1.00
Physical Health & Health Behavior								
Health problems	2.38	2.26	1.58	1.49	2.31	2.16	1.56	1.44
Pain in past 4 weeks	1.97	1.88	1.36	1.28	1.93	1.82	1.36	1.25
Daily smoker	1.67	1.48	1.27	1.01	1.58	1.35	1.27	1.00
Number of drinks per week	1.07	1.01	1.03	1.00	1.06	1.00	1.03	1.00
Days exercise per week	1.29	1.26	1.15	1.12	1.27	1.24	1.14	1.10
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.43	1.31	1.20	1.04	1.43	1.30	1.23	1.07
Currently employed	1.81	1.67	1.23	1.00	1.78	1.62	1.27	1.05
Financially comfortable/getting by	3.50	3.26	1.72	1.57	3.46	3.16	1.75	1.55
Own home	1.45	1.33	1.23	1.09	1.41	1.26	1.21	1.00
Income – top quintile	1.39	1.26	1.14	1.00	1.39	1.21	1.16	1.00
Religion & Spirituality								
Religious/spiritual connection	1.62	1.49	1.37	1.24	1.60	1.44	1.39	1.22
Belief in life after death	1.35	1.21	1.03	1.00	1.29	1.09	1.16	1.00
Transformative religious experience	1.28	1.00	1.25	1.00	1.32	1.00	1.25	1.00
Religious reading or listening	1.76	1.47	1.85	1.61	1.90	1.53	2.11	1.77
Prayer or meditation	1.44	1.21	1.35	1.14	1.54	1.29	1.43	1.20
Belief in God/gods/spiritual forces	1.23	1.00	1.17	1.00	1.25	1.00	1.15	1.00
Religious centrality	1.53	1.35	1.15	1.00	1.56	1.34	1.23	1.00
Religious/spiritual comfort	1.58	1.45	1.29	1.07	1.49	1.32	1.27	1.00
Feel loved by God	1.64	1.49	1.23	1.00	1.54	1.34	1.16	1.00
Feel punished by God	2.24	1.94	1.45	1.18	2.33	1.94	1.48	1.09
Experienced religious criticism	1.39	1.00	1.27	1.00	1.06	1.00	1.50	1.00
Faith-sharing	1.26	1.00	1.09	1.00	1.20	1.00	1.04	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S28a. Weighted summary statistics for demographic and childhood variables in Tanzania

Characteristic	Wave 1 N = 9,075	Wave 2 N = 5,588
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	85 (0.9%)	59 (1.0%)
1943-1953 (current age: 70-79 years)	275 (3.0%)	183 (3.3%)
1953-1963 (current age: 60-69 years)	527 (5.8%)	366 (6.6%)
1963-1973 (current age: 50-59 years)	839 (9.2%)	545 (9.8%)
1973-1983 (current age: 40-49 years)	1,425 (15.7%)	936 (16.7%)
1983-1993 (current age: 30-39 years)	1,985 (21.9%)	1,320 (23.6%)
1993-1998 (current age: 25-29 years)	1,259 (13.9%)	843 (15.1%)
1998-2005 (current age: 18-24 years)	2,678 (29.5%)	1,337 (23.9%)
(Missing)	2 (0.0%)	0 (0%)
<i>Age of participant</i>		
Mean	36.0	37.6
Standard Deviation	15.4	15.2
Min, Max	18.0, 99.0	19.0, 99.0
(Missing)	2 (<0.1%)	0 (0%)
<i>Gender, n (%)</i>		
Male	4,263 (47.0%)	2,631 (47.1%)
Female	4,812 (53.0%)	2,958 (52.9%)
Other	0 (0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	2,425 (26.7%)	1,325 (23.7%)
Married	5,461 (60.2%)	3,210 (57.4%)
Separated	388 (4.3%)	346 (6.2%)
Divorced	98 (1.1%)	75 (1.3%)
Widowed	422 (4.6%)	313 (5.6%)
Domestic partner	274 (3.0%)	312 (5.6%)
(Missing)	7 (0.1%)	8 (0.1%)
<i>Education (years), n (%)</i>		
Up to 8	6,848 (75.5%)	4,183 (74.9%)
9-15	2,123 (23.4%)	1,319 (23.6%)
16+	103 (1.1%)	86 (1.5%)
(Missing)	2 (0.0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	493 (5.4%)	417 (7.5%)
Self-employed	4,553 (50.2%)	3,103 (55.5%)
Retired	117 (1.3%)	69 (1.2%)
Student	365 (4.0%)	146 (2.6%)
Homemaker	1,793 (19.8%)	1,107 (19.8%)
Unemployed and looking for a job	1,557 (17.2%)	661 (11.8%)
None of these/Other	190 (2.1%)	72 (1.3%)
(Missing)	6 (0.1%)	11 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	2,566 (28.3%)	1,908 (34.1%)
Once a week	4,286 (47.2%)	2,281 (40.8%)
One to three times a month	1,101 (12.1%)	541 (9.7%)
A few times a year	831 (9.2%)	638 (11.4%)
Never	289 (3.2%)	216 (3.9%)
(Missing)	1 (0.0%)	4 (0.1%)
<i>Immigration status, n (%)</i>		

Table S28a. Weighted summary statistics for demographic and childhood variables in Tanzania

Characteristic	Wave 1 N = 9,075	Wave 2 N = 5,588
Born in this country	9,046 (99.7%)	5,573 (99.7%)
Born in another country	28 (0.3%)	13 (0.2%)
(Missing)	2 (0.0%)	2 (0.0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	6,901 (76.0%)	4,257 (76.2%)
Parents were divorced	695 (7.7%)	461 (8.2%)
Parents were never married	773 (8.5%)	467 (8.4%)
One or both of them had died	311 (3.4%)	193 (3.5%)
Unsure	46 (0.5%)	26 (0.5%)
(Missing)	349 (3.9%)	185 (3.3%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	5,559 (61.3%)	3,475 (62.2%)
One to three times a month	2,395 (26.4%)	1,455 (26.0%)
Less than once a month	337 (3.7%)	207 (3.7%)
Never	598 (6.6%)	338 (6.1%)
(Missing)	186 (2.0%)	113 (2.0%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	7,726 (85.1%)	4,715 (84.4%)
Somewhat good	809 (8.9%)	542 (9.7%)
Somewhat bad	85 (0.9%)	56 (1.0%)
Very bad	88 (1.0%)	47 (0.8%)
(Does not apply)	298 (3.3%)	178 (3.2%)
(Missing)	68 (0.8%)	50 (0.9%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	6,801 (74.9%)	4,155 (74.4%)
Somewhat good	1,109 (12.2%)	717 (12.8%)
Somewhat bad	211 (2.3%)	132 (2.4%)
Very bad	257 (2.8%)	179 (3.2%)
(Does not apply)	552 (6.1%)	319 (5.7%)
(Missing)	145 (1.6%)	85 (1.5%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	738 (8.1%)	444 (8.0%)
No	8,316 (91.6%)	5,133 (91.9%)
(Missing)	21 (0.2%)	11 (0.2%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	723 (8.0%)	499 (8.9%)
No	8,322 (91.7%)	5,072 (90.8%)
(Missing)	30 (0.3%)	17 (0.3%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,410 (26.6%)	1,521 (27.2%)
Very good	2,019 (22.2%)	1,266 (22.6%)
Good	2,943 (32.4%)	1,798 (32.2%)
Fair	1,182 (13.0%)	720 (12.9%)
Poor	466 (5.1%)	256 (4.6%)
(Missing)	55 (0.6%)	27 (0.5%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	2,623 (28.9%)	1,630 (29.2%)
Got by	2,894 (31.9%)	1,757 (31.4%)
Found it difficult	2,686 (29.6%)	1,663 (29.8%)
Found it very difficult	811 (8.9%)	509 (9.1%)

Table S28a. Weighted summary statistics for demographic and childhood variables in Tanzania

Characteristic	Wave 1 N = 9,075	Wave 2 N = 5,588
(Missing)	61 (0.7%)	30 (0.5%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	5,650 (62.3%)	3,415 (61.1%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	11 (0.1%)	9 (0.2%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	3,062 (33.7%)	1,989 (35.6%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	0 (0%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	1 (<0.0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	344 (3.8%)	171 (3.1%)
(Missing)	7 (0.1%)	4 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S28b. Weighted summary statistics for exposure and outcome variables in Tanzania

Outcome	Wave 1 N = 9,075	Wave 2 N = 5,588
<i>Secure flourishing index</i>		
Mean	7.2	7.1
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	237 (2.6%)	42 (0.8%)
<i>Flourishing index</i>		
Mean	7.5	7.3
Standard Deviation	1.8	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	222 (2.5%)	38 (0.7%)
<i>Happiness & life satisfaction</i>		
Mean	6.0	5.7
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.2%)	4 (<0.1%)
<i>Physical & mental health</i>		
Mean	8.4	8.1
Standard Deviation	2.2	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	41 (0.4%)	13 (0.2%)
<i>Meaning & purpose</i>		
Mean	7.7	7.4
Standard Deviation	2.5	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	113 (1.3%)	8 (0.1%)
<i>Character & virtue</i>		
Mean	7.8	7.7
Standard Deviation	2.4	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	45 (0.5%)	16 (0.3%)
<i>Close social relationships</i>		
Mean	7.6	7.6
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	36 (0.4%)	5 (<0.1%)
<i>Financial & material security</i>		
Mean	5.8	6.0
Standard Deviation	3.3	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.2%)	4 (<0.1%)
<i>Life satisfaction</i>		
Mean	5.4	5.1
Standard Deviation	3.8	3.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.1%)	1 (<0.1%)
<i>Happiness</i>		
Mean	6.6	6.3
Standard Deviation	3.3	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	2 (<0.1%)
<i>Self-rated physical health</i>		

Table S28b. Weighted summary statistics for exposure and outcome variables in Tanzania

Outcome	Wave 1 N = 9,075	Wave 2 N = 5,588
Mean	7.8	7.4
Standard Deviation	3.0	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	4 (<0.1%)
<i>Self-rated mental health</i>		
Mean	9.0	8.7
Standard Deviation	2.1	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.3%)	9 (0.2%)
<i>Understanding purpose</i>		
Mean	8.0	7.7
Standard Deviation	3.0	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	93 (1.0%)	7 (0.1%)
<i>Meaningful activities</i>		
Mean	7.3	7.0
Standard Deviation	3.2	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	25 (0.3%)	3 (<0.1%)
<i>Orientation to promote good</i>		
Mean	8.2	8.0
Standard Deviation	2.7	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.3%)	6 (0.1%)
<i>Delayed gratification</i>		
Mean	7.5	7.4
Standard Deviation	3.2	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.3%)	10 (0.2%)
<i>Relationship contentment</i>		
Mean	7.8	7.7
Standard Deviation	3.0	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.2%)	2 (<0.1%)
<i>Relationship satisfaction</i>		
Mean	7.4	7.4
Standard Deviation	3.3	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.2%)	4 (<0.1%)
<i>Financial security</i>		
Mean	5.7	5.8
Standard Deviation	3.7	3.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	2 (<0.1%)
<i>Material security</i>		
Mean	5.9	6.2
Standard Deviation	3.7	3.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.1%)	4 (<0.1%)
<i>Current life evaluation</i>		
Mean	4.4	4.9

Table S28b. Weighted summary statistics for exposure and outcome variables in Tanzania

Outcome	Wave 1 N = 9,075	Wave 2 N = 5,588
Standard Deviation	3.3	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.2%)	0 (<0.1%)
<i>Future life evaluation</i>		
Mean	6.7	6.8
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	598 (6.6%)	85 (1.5%)
<i>Optimism</i>		
Mean	8.7	8.4
Standard Deviation	2.4	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	7 (0.1%)
<i>Freedom to pursue what's important</i>		
Mean	8.4	8.2
Standard Deviation	2.6	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.1%)	2 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	2,866 (31.6%)	1,471 (26.3%)
Often	2,703 (29.8%)	1,540 (27.6%)
Rarely	3,292 (36.3%)	2,406 (43.0%)
Never	205 (2.3%)	168 (3.0%)
(Missing)	9 (0.1%)	4 (0.1%)
<i>Life balance, n (%)</i>		
Always	1,771 (19.5%)	833 (14.9%)
Often	2,223 (24.5%)	1,185 (21.2%)
Rarely	4,655 (51.3%)	3,277 (58.6%)
Never	395 (4.3%)	287 (5.1%)
(Missing)	31 (0.3%)	6 (0.1%)
<i>Sense of mastery, n (%)</i>		
Always	3,285 (36.2%)	1,798 (32.2%)
Often	2,678 (29.5%)	1,467 (26.2%)
Rarely	2,922 (32.2%)	2,151 (38.5%)
Never	170 (1.9%)	171 (3.1%)
(Missing)	21 (0.2%)	1 (0.0%)
<i>Traumatic distress, n (%)</i>		
A lot	932 (10.3%)	652 (11.7%)
Some	2,283 (25.2%)	1,946 (34.8%)
Not very much	1,248 (13.7%)	665 (11.9%)
Not at all	4,604 (50.7%)	2,321 (41.5%)
(Missing)	8 (0.1%)	4 (0.1%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	4,083 (45.2%)	2,592 (46.6%)
	46 (0.5%)	20 (0.4%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	1,367 (15.1%)	837 (15.0%)
More than half the days	2,336 (25.7%)	1,612 (28.9%)
Several days	1,523 (16.8%)	949 (17.0%)
Not at all	3,833 (42.2%)	2,177 (39.0%)
(Missing)	16 (0.2%)	12 (0.2%)
<i>Depression – loss of interest, n (%)</i>		

Table S28b. Weighted summary statistics for exposure and outcome variables in Tanzania

Outcome	Wave 1 N = 9,075	Wave 2 N = 5,588
Nearly every day	1,559 (17.2%)	1,022 (18.3%)
More than half the days	2,295 (25.3%)	1,272 (22.8%)
Several days	1,373 (15.1%)	908 (16.2%)
Not at all	3,814 (42.0%)	2,375 (42.5%)
(Missing)	34 (0.4%)	12 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	2,877 (31.8%)	1,781 (32.0%)
(Missing)	40 (0.4%)	25 (0.4%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	905 (10.0%)	537 (9.6%)
More than half the days	1,913 (21.1%)	1,266 (22.7%)
Several days	1,216 (13.4%)	737 (13.2%)
Not at all	5,028 (55.4%)	3,036 (54.3%)
(Missing)	14 (0.1%)	12 (0.2%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	1,062 (11.7%)	531 (9.5%)
More than half the days	1,788 (19.7%)	1,178 (21.1%)
Several days	1,207 (13.3%)	745 (13.3%)
Not at all	4,988 (55.0%)	3,120 (55.8%)
(Missing)	30 (0.3%)	14 (0.3%)
<i>Suffering, n (%)</i>		
A lot	1,091 (12.0%)	708 (12.7%)
Some	3,812 (42.0%)	2,867 (51.3%)
Not very much	1,605 (17.7%)	687 (12.3%)
Not at all	2,552 (28.1%)	1,319 (23.6%)
(Missing)	14 (0.2%)	8 (0.1%)
<i>Social support</i>		
Mean	7.4	7.1
Standard Deviation	3.3	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (<0.1%)	3 (<0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	6,776 (74.7%)	4,417 (79.0%)
No	2,290 (25.2%)	1,165 (20.8%)
(Missing)	9 (0.1%)	6 (0.1%)
<i>Government approval, n (%)</i>		
Strongly approve	4,578 (50.4%)	3,080 (55.1%)
Somewhat approve	3,420 (37.7%)	2,030 (36.3%)
Neither approve nor disapprove	395 (4.4%)	74 (1.3%)
Somewhat disapprove	269 (3.0%)	161 (2.9%)
Strongly disapprove	365 (4.0%)	228 (4.1%)
(Missing)	48 (0.5%)	15 (0.3%)
<i>Say in government, n (%)</i>		
Agree	3,806 (41.9%)	2,417 (43.2%)
Disagree	1,674 (18.4%)	778 (13.9%)
Unsure	3,572 (39.4%)	2,383 (42.6%)
(Missing)	23 (0.2%)	11 (0.2%)
<i>Belonging in country</i>		
Mean	8.2	8.3
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.4%)	6 (0.1%)

Table S28b. Weighted summary statistics for exposure and outcome variables in Tanzania

Outcome	Wave 1 N = 9,075	Wave 2 N = 5,588
<i>City/place satisfaction, n (%)</i>		
Satisfied	7,397 (81.5%)	4,174 (74.7%)
Dissatisfied	1,200 (13.2%)	981 (17.5%)
Unsure	477 (5.3%)	428 (7.7%)
(Missing)	2 (0.0%)	6 (0.1%)
<i>Trust within country, n (%)</i>		
All people	595 (6.6%)	316 (5.7%)
Most people	643 (7.1%)	459 (8.2%)
Some people	5,402 (59.5%)	3,764 (67.4%)
Not very many people	1,934 (21.3%)	788 (14.1%)
None	384 (4.2%)	225 (4.0%)
(Missing)	119 (1.3%)	36 (0.6%)
<i>Number of children</i>		
Mean	2.6	2.8
Standard Deviation	2.0	2.1
Min, Max	0.0, 19.0	0.0, 25.0
(Missing)	1 (<0.1%)	21 (0.4%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	484 (5.3%)	358 (6.4%)
Once a week	1,375 (15.2%)	744 (13.3%)
One to three times a month	1,292 (14.2%)	852 (15.2%)
A few times a year	2,253 (24.8%)	1,356 (24.3%)
Never	3,647 (40.2%)	2,262 (40.5%)
(Missing)	24 (0.3%)	16 (0.3%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	2,566 (28.3%)	1,908 (34.1%)
Once a week	4,286 (47.2%)	2,281 (40.8%)
One to three times a month	1,101 (12.1%)	541 (9.7%)
A few times a year	831 (9.2%)	638 (11.4%)
Never	289 (3.2%)	216 (3.9%)
(Missing)	1 (0.0%)	4 (0.1%)
<i>Loneliness</i>		
Mean	3.4	3.5
Standard Deviation	3.5	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.2%)	1 (<0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	442 (4.9%)	240 (4.3%)
Often	791 (8.7%)	513 (9.2%)
Rarely	3,235 (35.6%)	2,388 (42.7%)
Never	4,584 (50.5%)	2,439 (43.6%)
(Missing)	23 (0.3%)	8 (0.1%)
<i>Hope</i>		
Mean	8.3	8.1
Standard Deviation	2.7	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.3%)	2 (<0.1%)
<i>Gratitude</i>		
Mean	7.8	7.9
Standard Deviation	2.9	3.0
Min, Max	0.0, 10.0	0.0, 10.0

Table S28b. Weighted summary statistics for exposure and outcome variables in Tanzania

Outcome	Wave 1 N = 9,075	Wave 2 N = 5,588
(Missing)	52 (0.6%)	6 (<0.1%)
<i>Showing love/care</i>		
Mean	8.7	8.7
Standard Deviation	2.3	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	20 (0.2%)	2 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	4,626 (51.0%)	2,385 (42.7%)
Often	2,961 (32.6%)	2,171 (38.9%)
Rarely	1,304 (14.4%)	918 (16.4%)
Never	169 (1.9%)	114 (2.0%)
(Missing)	16 (0.2%)	0 (<0.0%)
<i>Charitable giving, n (%)</i>		
Yes	2,443 (26.9%)	2,712 (48.5%)
No	6,625 (73.0%)	2,865 (51.3%)
(Missing)	8 (0.1%)	11 (0.2%)
<i>Helping strangers, n (%)</i>		
Yes	3,021 (33.3%)	3,105 (55.6%)
No	6,021 (66.3%)	2,462 (44.1%)
(Missing)	33 (0.4%)	21 (0.4%)
<i>Volunteering, n (%)</i>		
Yes	989 (10.9%)	1,249 (22.3%)
No	8,082 (89.1%)	4,329 (77.5%)
(Missing)	4 (0.0%)	11 (0.2%)
<i>Health problems, n (%)</i>		
Yes	1,380 (15.2%)	1,139 (20.4%)
No	7,685 (84.7%)	4,437 (79.4%)
(Missing)	10 (0.1%)	12 (0.2%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	1,117 (12.3%)	928 (16.6%)
Some	3,570 (39.3%)	2,561 (45.8%)
Not very much	1,731 (19.1%)	771 (13.8%)
None at all	2,652 (29.2%)	1,327 (23.8%)
(Missing)	5 (0.1%)	1 (0.0%)
<i>Number of drinks per week</i>		
Mean	0.5	0.4
Standard Deviation	4.1	2.9
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	196 (2.2%)	32 (0.6%)
<i>Days exercise per week</i>		
Mean	3.2	3.3
Standard Deviation	2.7	2.8
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	99 (1.1%)	77 (1.4%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	6,848 (75.5%)	4,183 (74.9%)
9-15	2,123 (23.4%)	1,319 (23.6%)
16+	103 (1.1%)	86 (1.5%)
(Missing)	2 (0.0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	493 (5.4%)	417 (7.5%)

Table S28b. Weighted summary statistics for exposure and outcome variables in Tanzania

Outcome	Wave 1 N = 9,075	Wave 2 N = 5,588
Self-employed	4,553 (50.2%)	3,103 (55.5%)
Retired	117 (1.3%)	69 (1.2%)
Student	365 (4.0%)	146 (2.6%)
Homemaker	1,793 (19.8%)	1,107 (19.8%)
Unemployed and looking for a job	1,557 (17.2%)	661 (11.8%)
None of these/Other	190 (2.1%)	72 (1.3%)
(Missing)	6 (0.1%)	11 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	622 (6.9%)	664 (11.9%)
Getting by on present income	3,878 (42.7%)	2,589 (46.3%)
Finding it difficult on present income	2,241 (24.7%)	1,315 (23.5%)
Finding it very difficult on present income	2,260 (24.9%)	1,000 (17.9%)
(Missing)	74 (0.8%)	21 (0.4%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	6,416 (70.7%)	3,540 (63.3%)
Someone in this household rents this home	2,171 (23.9%)	1,630 (29.2%)
Both	68 (0.8%)	50 (0.9%)
Neither	412 (4.5%)	356 (6.4%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	7 (0.1%)	12 (0.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	4,794 (52.8%)	2,835 (50.7%)
Often	2,558 (28.2%)	1,630 (29.2%)
Rarely	1,555 (17.1%)	961 (17.2%)
Never	161 (1.8%)	160 (2.9%)
(Missing)	7 (0.1%)	2 (0.0%)
<i>Belief in life after death, n (%)</i>		
Yes	5,474 (60.3%)	3,439 (61.5%)
No	1,986 (21.9%)	1,134 (20.3%)
Unsure	1,600 (17.6%)	1,003 (18.0%)
(Missing)	15 (0.2%)	12 (0.2%)
<i>Transformative religious experience, n (%)</i>		
Yes	6,231 (68.7%)	3,876 (69.4%)
No	2,813 (31.0%)	1,704 (30.5%)
(Missing)	31 (0.3%)	8 (0.1%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	2,278 (25.1%)	1,696 (30.3%)
About once a day	4,018 (44.3%)	2,189 (39.2%)
Sometimes	2,282 (25.1%)	1,305 (23.4%)
Never	482 (5.3%)	393 (7.0%)
(Missing)	15 (0.2%)	5 (0.1%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	3,061 (33.7%)	2,145 (38.4%)
About once a day	3,785 (41.7%)	2,161 (38.7%)
Sometimes	1,883 (20.7%)	983 (17.6%)
Never	338 (3.7%)	288 (5.2%)
(Missing)	8 (0.1%)	10 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	8,621 (95.0%)	5,226 (93.5%)

Table S28b. Weighted summary statistics for exposure and outcome variables in Tanzania

Outcome	Wave 1 N = 9,075	Wave 2 N = 5,588
More than one god	180 (2.0%)	76 (1.4%)
An impersonal spiritual force	101 (1.1%)	74 (1.3%)
None of these	33 (0.4%)	38 (0.7%)
Unsure	135 (1.5%)	168 (3.0%)
(Missing)	4 (0.0%)	6 (0.1%)
<i>Religious centrality, n (%)</i>		
Agree	8,221 (90.6%)	5,052 (90.4%)
Disagree	416 (4.6%)	212 (3.8%)
Not relevant	59 (0.6%)	21 (0.4%)
Unsure	377 (4.2%)	302 (5.4%)
(Missing)	2 (0.0%)	1 (0.0%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	8,624 (95.0%)	5,279 (94.5%)
Disagree	202 (2.2%)	107 (1.9%)
Not relevant	52 (0.6%)	20 (0.4%)
Unsure	197 (2.2%)	181 (3.2%)
(Missing)	0 (<0.0%)	1 (0.0%)
<i>Feel loved by God, n (%)</i>		
Agree	8,820 (97.2%)	5,475 (98.0%)
Disagree	121 (1.3%)	35 (0.6%)
Not relevant	12 (0.1%)	7 (0.1%)
Unsure	117 (1.3%)	71 (1.3%)
(Missing)	5 (0.1%)	1 (0.0%)
<i>Feel punished by God, n (%)</i>		
Agree	3,151 (34.7%)	2,285 (40.9%)
Disagree	4,183 (46.1%)	2,289 (41.0%)
Not relevant	265 (2.9%)	40 (0.7%)
Unsure	1,444 (15.9%)	967 (17.3%)
(Missing)	31 (0.3%)	8 (0.1%)
<i>Experienced religious criticism, n (%)</i>		
Agree	4,184 (46.1%)	2,848 (51.0%)
Disagree	3,428 (37.8%)	1,636 (29.3%)
Not relevant	238 (2.6%)	74 (1.3%)
Unsure	1,213 (13.4%)	1,025 (18.3%)
(Missing)	11 (0.1%)	4 (0.1%)
<i>Faith-sharing, n (%)</i>		
Agree	7,549 (83.2%)	4,784 (85.6%)
Disagree	962 (10.6%)	393 (7.0%)
Not relevant	220 (2.4%)	51 (0.9%)
Unsure	341 (3.8%)	357 (6.4%)
(Missing)	4 (0.0%)	4 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S28c. Unweighted summary statistics for demographic and childhood variables in Tanzania by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 3,636	Retained-Observed in Wave 2 N = 5,427
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	51 (1.4%)	32 (0.6%)
1943-1953 (current age: 70-79 years)	143 (3.9%)	130 (2.4%)
1953-1963 (current age: 60-69 years)	198 (5.4%)	329 (6.1%)
1963-1973 (current age: 50-59 years)	282 (7.8%)	559 (10.3%)
1973-1983 (current age: 40-49 years)	481 (13.2%)	948 (17.5%)
1983-1993 (current age: 30-39 years)	767 (21.1%)	1,217 (22.4%)
1993-1998 (current age: 25-29 years)	516 (14.2%)	741 (13.6%)
1998-2005 (current age: 18-24 years)	1,198 (33.0%)	1,469 (27.1%)
(Missing)	0 (0%)	2 (0.0%)
<i>Age of participant</i>		
Mean	35.4	36.5
Standard Deviation	16.2	14.8
Min, Max	18.0, 99.0	18.0, 99.0
(Missing)	0 (0%)	2 (<0.1%)
<i>Gender, n (%)</i>		
Male	1,517 (41.7%)	2,753 (50.7%)
Female	2,119 (58.3%)	2,674 (49.3%)
Other	0 (0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,014 (27.9%)	1,405 (25.9%)
Married	2,109 (58.0%)	3,349 (61.7%)
Separated	161 (4.4%)	226 (4.2%)
Divorced	30 (0.8%)	69 (1.3%)
Widowed	209 (5.7%)	210 (3.9%)
Domestic partner	111 (3.0%)	163 (3.0%)
(Missing)	2 (0.0%)	5 (0.1%)
<i>Education (years), n (%)</i>		
Up to 8	2,829 (77.8%)	4,005 (73.8%)
9-15	775 (21.3%)	1,350 (24.9%)
16+	31 (0.9%)	72 (1.3%)
(Missing)	1 (0.0%)	1 (<0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	185 (5.1%)	308 (5.7%)
Self-employed	1,746 (48.0%)	2,807 (51.7%)
Retired	47 (1.3%)	70 (1.3%)
Student	133 (3.7%)	233 (4.3%)
Homemaker	801 (22.0%)	984 (18.1%)
Unemployed and looking for a job	643 (17.7%)	911 (16.8%)
None of these/Other	81 (2.2%)	108 (2.0%)
(Missing)	0 (0%)	6 (0.1%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	1,007 (27.7%)	1,557 (28.7%)
Once a week	1,759 (48.4%)	2,519 (46.4%)
One to three times a month	460 (12.6%)	638 (11.8%)
A few times a year	307 (8.4%)	525 (9.7%)
Never	103 (2.8%)	186 (3.4%)
(Missing)	0 (0%)	1 (0.0%)

Table S28c. Unweighted summary statistics for demographic and childhood variables in Tanzania by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 3,636	Retained-Observed in Wave 2 N = 5,427
<i>Immigration status, n (%)</i>		
Born in this country	3,618 (99.5%)	5,417 (99.8%)
Born in another country	19 (0.5%)	9 (0.2%)
(Missing)	0 (0%)	2 (0.0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	2,737 (75.3%)	4,158 (76.6%)
Parents were divorced	265 (7.3%)	430 (7.9%)
Parents were never married	326 (9.0%)	445 (8.2%)
One or both of them had died	121 (3.3%)	190 (3.5%)
Unsure	20 (0.6%)	26 (0.5%)
(Missing)	168 (4.6%)	179 (3.3%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	2,156 (59.3%)	3,400 (62.7%)
One to three times a month	995 (27.4%)	1,394 (25.7%)
Less than once a month	135 (3.7%)	201 (3.7%)
Never	270 (7.4%)	326 (6.0%)
(Missing)	80 (2.2%)	106 (1.9%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	3,113 (85.6%)	4,601 (84.8%)
Somewhat good	297 (8.2%)	513 (9.5%)
Somewhat bad	34 (0.9%)	51 (0.9%)
Very bad	44 (1.2%)	44 (0.8%)
(Does not apply)	128 (3.5%)	169 (3.1%)
(Missing)	20 (0.6%)	49 (0.9%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	2,729 (75.1%)	4,062 (74.9%)
Somewhat good	421 (11.6%)	688 (12.7%)
Somewhat bad	92 (2.5%)	119 (2.2%)
Very bad	89 (2.4%)	169 (3.1%)
(Does not apply)	243 (6.7%)	306 (5.6%)
(Missing)	62 (1.7%)	83 (1.5%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	310 (8.5%)	426 (7.8%)
No	3,316 (91.2%)	4,991 (92.0%)
(Missing)	10 (0.3%)	11 (0.2%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	249 (6.8%)	476 (8.8%)
No	3,375 (92.8%)	4,933 (90.9%)
(Missing)	12 (0.3%)	18 (0.3%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	928 (25.5%)	1,481 (27.3%)
Very good	788 (21.7%)	1,230 (22.7%)
Good	1,204 (33.1%)	1,734 (32.0%)
Fair	469 (12.9%)	712 (13.1%)
Poor	218 (6.0%)	245 (4.5%)
(Missing)	29 (0.8%)	25 (0.5%)
<i>Subjective financial status of family growing up, n (%)</i>		

Table S28c. Unweighted summary statistics for demographic and childhood variables in Tanzania by retention status

Characteristic	Attriters-Not Observed in	Retained-Observed in
	Wave 2 N = 3,636	Wave 2 N = 5,427
Lived comfortably	1,055 (29.0%)	1,564 (28.8%)
Got by	1,157 (31.8%)	1,734 (31.9%)
Found it difficult	1,073 (29.5%)	1,610 (29.7%)
Found it very difficult	318 (8.7%)	492 (9.1%)
(Missing)	34 (0.9%)	27 (0.5%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	2,318 (63.8%)	3,321 (61.2%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	1 (0.0%)	10 (0.2%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	1,138 (31.3%)	1,925 (35.5%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	0 (0%)
Judaism	0 (0%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	1 (0.0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	175 (4.8%)	166 (3.1%)
(Missing)	3 (0.1%)	4 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S28d. Unweighted summary statistics for Wave 1 outcome variables in Tanzania by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 3,636	Wave 2 N = 5,427
<i>Secure flourishing index</i>		
Mean	7.2	7.3
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.2, 10.0
(Missing)	87 (2.4%)	150 (2.8%)
<i>Flourishing index</i>		
Mean	7.5	7.5
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.2, 10.0
(Missing)	81 (2.2%)	142 (2.6%)
<i>Happiness & life satisfaction</i>		
Mean	6.1	5.9
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	12 (0.2%)
<i>Physical & mental health</i>		
Mean	8.3	8.5
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.4%)	25 (0.5%)
<i>Meaning & purpose</i>		
Mean	7.6	7.7
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	41 (1.1%)	73 (1.3%)
<i>Character & virtue</i>		
Mean	7.7	7.9
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.4%)	31 (0.6%)
<i>Close social relationships</i>		
Mean	7.5	7.6
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.4%)	21 (0.4%)
<i>Financial & material security</i>		
Mean	5.7	5.9
Standard Deviation	3.3	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	12 (0.2%)
<i>Life satisfaction</i>		
Mean	5.6	5.2
Standard Deviation	3.7	3.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	4 (<0.1%)
<i>Happiness</i>		
Mean	6.6	6.6
Standard Deviation	3.3	3.3
Min, Max	0.0, 10.0	0.0, 10.0

Table S28d. Unweighted summary statistics for Wave 1 outcome variables in Tanzania by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 3,636	Wave 2 N = 5,427
(Missing)	5 (0.2%)	9 (0.2%)
<i>Self-rated physical health</i>		
Mean	7.7	7.9
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	8 (0.1%)
<i>Self-rated mental health</i>		
Mean	8.9	9.0
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.3%)	19 (0.3%)
<i>Understanding purpose</i>		
Mean	8.0	8.1
Standard Deviation	2.9	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	35 (1.0%)	58 (1.1%)
<i>Meaningful activities</i>		
Mean	7.3	7.4
Standard Deviation	3.2	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.3%)	15 (0.3%)
<i>Orientation to promote good</i>		
Mean	8.1	8.3
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	20 (0.4%)
<i>Delayed gratification</i>		
Mean	7.4	7.6
Standard Deviation	3.2	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	19 (0.4%)
<i>Relationship contentment</i>		
Mean	7.7	7.8
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	9 (0.2%)
<i>Relationship satisfaction</i>		
Mean	7.3	7.4
Standard Deviation	3.3	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.2%)	13 (0.2%)
<i>Financial security</i>		
Mean	5.6	5.8
Standard Deviation	3.6	3.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.2%)	9 (0.2%)
<i>Material security</i>		
Mean	5.8	5.9
Standard Deviation	3.7	3.8

Table S28d. Unweighted summary statistics for Wave 1 outcome variables in Tanzania by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 3,636	N = 5,427
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	7 (0.1%)
<i>Current life evaluation</i>		
Mean	4.4	4.4
Standard Deviation	3.3	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.3%)	9 (0.2%)
<i>Future life evaluation</i>		
Mean	6.7	6.7
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	297 (8.2%)	296 (5.5%)
<i>Optimism</i>		
Mean	8.6	8.8
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (0.1%)	10 (0.2%)
<i>Freedom to pursue what's important</i>		
Mean	8.3	8.5
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	4 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	1,164 (32.0%)	1,697 (31.3%)
Often	1,140 (31.3%)	1,556 (28.7%)
Rarely	1,236 (34.0%)	2,057 (37.9%)
Never	94 (2.6%)	111 (2.0%)
(Missing)	3 (0.1%)	6 (0.1%)
<i>Life balance, n (%)</i>		
Always	749 (20.6%)	1,017 (18.7%)
Often	939 (25.8%)	1,279 (23.6%)
Rarely	1,764 (48.5%)	2,892 (53.3%)
Never	170 (4.7%)	223 (4.1%)
(Missing)	14 (0.4%)	16 (0.3%)
<i>Sense of mastery, n (%)</i>		
Always	1,296 (35.7%)	1,985 (36.6%)
Often	1,105 (30.4%)	1,567 (28.9%)
Rarely	1,154 (31.7%)	1,765 (32.5%)
Never	73 (2.0%)	96 (1.8%)
(Missing)	7 (0.2%)	14 (0.3%)
<i>Traumatic distress, n (%)</i>		
A lot	358 (9.8%)	574 (10.6%)
Some	899 (24.7%)	1,382 (25.5%)
Not very much	541 (14.9%)	702 (12.9%)
Not at all	1,835 (50.5%)	2,764 (50.9%)
(Missing)	3 (0.1%)	5 (0.1%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,666 (46.0%)	2,411 (44.7%)
	14 (0.4%)	33 (0.6%)
<i>Depression – feel hopeless, n (%)</i>		

Table S28d. Unweighted summary statistics for Wave 1 outcome variables in Tanzania by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 3,636	N = 5,427
Nearly every day	572 (15.7%)	791 (14.6%)
More than half the days	901 (24.8%)	1,435 (26.4%)
Several days	634 (17.4%)	885 (16.3%)
Not at all	1,526 (42.0%)	2,302 (42.4%)
(Missing)	3 (0.1%)	13 (0.2%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	629 (17.3%)	928 (17.1%)
More than half the days	932 (25.6%)	1,359 (25.0%)
Several days	536 (14.8%)	836 (15.4%)
Not at all	1,529 (42.0%)	2,281 (42.0%)
(Missing)	11 (0.3%)	23 (0.4%)
<i>Anxiety symptoms composite, n (%)</i>	1,183 (32.6%)	1,689 (31.3%)
(Missing)	12 (0.3%)	28 (0.5%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	394 (10.8%)	508 (9.4%)
More than half the days	764 (21.0%)	1,147 (21.1%)
Several days	503 (13.8%)	710 (13.1%)
Not at all	1,970 (54.2%)	3,054 (56.3%)
(Missing)	5 (0.1%)	9 (0.2%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	452 (12.4%)	607 (11.2%)
More than half the days	690 (19.0%)	1,098 (20.2%)
Several days	477 (13.1%)	729 (13.4%)
Not at all	2,009 (55.3%)	2,972 (54.8%)
(Missing)	9 (0.3%)	21 (0.4%)
<i>Suffering, n (%)</i>		
A lot	471 (13.0%)	617 (11.4%)
Some	1,426 (39.2%)	2,387 (44.0%)
Not very much	688 (18.9%)	912 (16.8%)
Not at all	1,046 (28.8%)	1,502 (27.7%)
(Missing)	4 (0.1%)	10 (0.2%)
<i>Social support</i>		
Mean	7.5	7.3
Standard Deviation	3.1	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	5 (<0.1%)
<i>Intimate/close friend, n (%)</i>		
Yes	2,562 (70.4%)	4,215 (77.7%)
No	1,068 (29.4%)	1,210 (22.3%)
(Missing)	7 (0.2%)	2 (0.0%)
<i>Government approval, n (%)</i>		
Strongly approve	1,797 (49.4%)	2,778 (51.2%)
Somewhat approve	1,366 (37.6%)	2,050 (37.8%)
Neither approve nor disapprove	182 (5.0%)	211 (3.9%)
Somewhat disapprove	121 (3.3%)	146 (2.7%)
Strongly disapprove	143 (3.9%)	222 (4.1%)
(Missing)	28 (0.8%)	20 (0.4%)
<i>Say in government, n (%)</i>		
Agree	1,511 (41.6%)	2,291 (42.2%)

Table S28d. Unweighted summary statistics for Wave 1 outcome variables in Tanzania by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 3,636	N = 5,427
Disagree	728 (20.0%)	940 (17.3%)
Unsure	1,387 (38.1%)	2,183 (40.2%)
(Missing)	10 (0.3%)	13 (0.2%)
<i>Belonging in country</i>		
Mean	8.2	8.3
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.4%)	23 (0.4%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	2,943 (80.9%)	4,445 (81.9%)
Dissatisfied	507 (14.0%)	689 (12.7%)
Unsure	184 (5.1%)	293 (5.4%)
(Missing)	2 (0.0%)	0 (0%)
<i>Trust within country, n (%)</i>		
All people	225 (6.2%)	370 (6.8%)
Most people	253 (6.9%)	390 (7.2%)
Some people	2,149 (59.1%)	3,247 (59.8%)
Not very many people	801 (22.0%)	1,128 (20.8%)
None	162 (4.4%)	221 (4.1%)
(Missing)	47 (1.3%)	72 (1.3%)
<i>Number of children</i>		
Mean	2.5	2.7
Standard Deviation	2.1	2.0
Min, Max	0.0, 19.0	0.0, 18.0
<i>Weekly+ community participation, n (%)</i>		
More than once a week	173 (4.7%)	312 (5.8%)
Once a week	542 (14.9%)	832 (15.3%)
One to three times a month	494 (13.6%)	797 (14.7%)
A few times a year	915 (25.2%)	1,335 (24.6%)
Never	1,502 (41.3%)	2,138 (39.4%)
(Missing)	12 (0.3%)	13 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	1,007 (27.7%)	1,557 (28.7%)
Once a week	1,759 (48.4%)	2,519 (46.4%)
One to three times a month	460 (12.6%)	638 (11.8%)
A few times a year	307 (8.4%)	525 (9.7%)
Never	103 (2.8%)	186 (3.4%)
(Missing)	0 (0%)	1 (0.0%)
<i>Loneliness</i>		
Mean	3.4	3.3
Standard Deviation	3.5	3.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.2%)	10 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	180 (5.0%)	261 (4.8%)
Often	359 (9.9%)	428 (7.9%)
Rarely	1,235 (34.0%)	2,000 (36.8%)
Never	1,849 (50.9%)	2,727 (50.3%)
(Missing)	13 (0.3%)	10 (0.2%)

Table S28d. Unweighted summary statistics for Wave 1 outcome variables in Tanzania by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,636	Wave 2 N = 5,427
<i>Hope</i>		
Mean	8.2	8.4
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.4%)	15 (0.3%)
<i>Gratitude</i>		
Mean	7.7	7.9
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.5%)	34 (0.6%)
<i>Showing love/care</i>		
Mean	8.6	8.8
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	12 (0.2%)
<i>Forgivingness, n (%)</i>		
Always	1,868 (51.4%)	2,751 (50.7%)
Often	1,177 (32.4%)	1,781 (32.8%)
Rarely	522 (14.4%)	780 (14.4%)
Never	65 (1.8%)	104 (1.9%)
(Missing)	5 (0.1%)	11 (0.2%)
<i>Charitable giving, n (%)</i>		
Yes	901 (24.8%)	1,543 (28.4%)
No	2,733 (75.2%)	3,878 (71.5%)
(Missing)	2 (0.0%)	6 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	1,108 (30.5%)	1,915 (35.3%)
No	2,515 (69.2%)	3,492 (64.3%)
(Missing)	13 (0.4%)	20 (0.4%)
<i>Volunteering, n (%)</i>		
Yes	346 (9.5%)	645 (11.9%)
No	3,289 (90.5%)	4,779 (88.1%)
(Missing)	1 (0.0%)	3 (0.0%)
<i>Health problems, n (%)</i>		
Yes	570 (15.7%)	807 (14.9%)
No	3,062 (84.2%)	4,615 (85.0%)
(Missing)	5 (0.1%)	5 (0.1%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	471 (13.0%)	643 (11.8%)
Some	1,384 (38.1%)	2,184 (40.2%)
Not very much	741 (20.4%)	984 (18.1%)
None at all	1,039 (28.6%)	1,611 (29.7%)
(Missing)	0 (0.0%)	4 (0.1%)
<i>Number of drinks per week</i>		
Mean	0.5	0.5
Standard Deviation	4.4	3.9
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	97 (2.7%)	97 (1.8%)
<i>Days exercise per week</i>		

Table S28d. Unweighted summary statistics for Wave 1 outcome variables in Tanzania by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 3,636	Wave 2 N = 5,427
Mean	3.1	3.4
Standard Deviation	2.7	2.7
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	46 (1.3%)	53 (1.0%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	2,829 (77.8%)	4,005 (73.8%)
9-15	775 (21.3%)	1,350 (24.9%)
16+	31 (0.9%)	72 (1.3%)
(Missing)	1 (0.0%)	1 (<0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	185 (5.1%)	308 (5.7%)
Self-employed	1,746 (48.0%)	2,807 (51.7%)
Retired	47 (1.3%)	70 (1.3%)
Student	133 (3.7%)	233 (4.3%)
Homemaker	801 (22.0%)	984 (18.1%)
Unemployed and looking for a job	643 (17.7%)	911 (16.8%)
None of these/Other	81 (2.2%)	108 (2.0%)
(Missing)	0 (0%)	6 (0.1%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	246 (6.8%)	376 (6.9%)
Getting by on present income	1,493 (41.1%)	2,383 (43.9%)
Finding it difficult on present income	935 (25.7%)	1,301 (24.0%)
Finding it very difficult on present income	937 (25.8%)	1,317 (24.3%)
(Missing)	25 (0.7%)	49 (0.9%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	2,449 (67.4%)	3,966 (73.1%)
Someone in this household rents this home	966 (26.6%)	1,196 (22.0%)
Both	35 (1.0%)	33 (0.6%)
Neither	184 (5.1%)	226 (4.2%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	2 (0.1%)	5 (0.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,880 (51.7%)	2,911 (53.6%)
Often	1,091 (30.0%)	1,460 (26.9%)
Rarely	614 (16.9%)	939 (17.3%)
Never	48 (1.3%)	113 (2.1%)
(Missing)	4 (0.1%)	3 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	2,145 (59.0%)	3,324 (61.3%)
No	797 (21.9%)	1,187 (21.9%)
Unsure	690 (19.0%)	905 (16.7%)
(Missing)	4 (0.1%)	11 (0.2%)
<i>Transformative religious experience, n (%)</i>		
Yes	2,485 (68.3%)	3,739 (68.9%)
No	1,141 (31.4%)	1,668 (30.7%)
(Missing)	11 (0.3%)	20 (0.4%)
<i>Religious reading or listening, n (%)</i>		

Table S28d. Unweighted summary statistics for Wave 1 outcome variables in Tanzania by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 3,636	N = 5,427
More than once a day	849 (23.3%)	1,430 (26.3%)
About once a day	1,618 (44.5%)	2,394 (44.1%)
Sometimes	961 (26.4%)	1,316 (24.2%)
Never	203 (5.6%)	278 (5.1%)
(Missing)	6 (0.2%)	9 (0.2%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	1,136 (31.3%)	1,926 (35.5%)
About once a day	1,615 (44.4%)	2,160 (39.8%)
Sometimes	770 (21.2%)	1,109 (20.4%)
Never	115 (3.2%)	224 (4.1%)
(Missing)	0 (0%)	8 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	3,461 (95.2%)	5,148 (94.9%)
More than one god	73 (2.0%)	107 (2.0%)
An impersonal spiritual force	43 (1.2%)	58 (1.1%)
None of these	11 (0.3%)	22 (0.4%)
Unsure	46 (1.3%)	90 (1.7%)
(Missing)	2 (0.1%)	2 (0.0%)
<i>Religious centrality, n (%)</i>		
Agree	3,276 (90.1%)	4,935 (90.9%)
Disagree	196 (5.4%)	218 (4.0%)
Not relevant	26 (0.7%)	32 (0.6%)
Unsure	137 (3.8%)	240 (4.4%)
(Missing)	0 (0.0%)	2 (0.0%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	3,473 (95.5%)	5,139 (94.7%)
Disagree	83 (2.3%)	118 (2.2%)
Not relevant	17 (0.5%)	35 (0.6%)
Unsure	63 (1.7%)	135 (2.5%)
(Missing)	0 (0.0%)	0 (0%)
<i>Feel loved by God, n (%)</i>		
Agree	3,535 (97.2%)	5,273 (97.2%)
Disagree	58 (1.6%)	63 (1.2%)
Not relevant	5 (0.1%)	8 (0.1%)
Unsure	37 (1.0%)	80 (1.5%)
(Missing)	1 (0.0%)	4 (0.1%)
<i>Feel punished by God, n (%)</i>		
Agree	1,255 (34.5%)	1,893 (34.9%)
Disagree	1,669 (45.9%)	2,509 (46.2%)
Not relevant	127 (3.5%)	136 (2.5%)
Unsure	573 (15.8%)	870 (16.0%)
(Missing)	12 (0.3%)	19 (0.4%)
<i>Experienced religious criticism, n (%)</i>		
Agree	1,621 (44.6%)	2,561 (47.2%)
Disagree	1,416 (38.9%)	2,006 (37.0%)
Not relevant	104 (2.9%)	133 (2.4%)
Unsure	487 (13.4%)	724 (13.3%)
(Missing)	8 (0.2%)	3 (0.1%)
<i>Faith-sharing, n (%)</i>		

Table S28d. Unweighted summary statistics for Wave 1 outcome variables in Tanzania by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2	Wave 2
	N = 3,636	N = 5,427
Agree	2,974 (81.8%)	4,568 (84.2%)
Disagree	422 (11.6%)	536 (9.9%)
Not relevant	84 (2.3%)	136 (2.5%)
Unsure	156 (4.3%)	183 (3.4%)
(Missing)	0 (0.0%)	3 (0.1%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S28e. Summary of fitted attrition model in Tanzania

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.88	0.81, 0.95	0.001
Happiness & life satisfaction	0.89	0.83, 0.96	0.003
Physical & mental health	1.03	0.96, 1.10	0.387
Meaning & purpose	1.01	0.95, 1.09	0.689
Character & virtue	1.05	0.99, 1.12	0.126
Close social relationships	1.01	0.95, 1.08	0.701
Financial & material security	1.08	1.01, 1.16	0.026
Extraversion	1.04	0.98, 1.10	0.164
Openness to experience	1.07	1.02, 1.13	0.012
Agreeableness	0.95	0.90, 1.01	0.092
Conscientiousness	1.02	0.96, 1.09	0.453
Neuroticism	1.04	0.98, 1.11	0.180
Depression symptoms composite	0.98	0.92, 1.05	0.570
Anxiety symptoms composite	1.00	0.94, 1.07	0.928
Loneliness	1.03	0.97, 1.10	0.337
Days exercise per week	1.04	0.98, 1.11	0.203
Year of birth (age group)			
1983-1993 (current age: 30-39 years)	—	—	
1998-2005 (current age: 18-24 years)	0.84	0.69, 1.01	0.067
1973-1983 (current age: 40-49 years)	1.26	1.07, 1.49	0.007
1993-1998 (current age: 25-29 years)	0.89	0.75, 1.06	0.200
1963-1973 (current age: 50-59 years)	1.31	1.07, 1.60	0.008
1953-1963 (current age: 60-69 years)	1.26	0.96, 1.65	0.091
1943-1953 (current age: 70-79 years)	0.81	0.53, 1.22	0.302
1943 or earlier (current age: 80+ years)	0.55	0.30, 1.01	0.052
Gender of respondent			
Female	—	—	
Male	1.33	1.17, 1.51	2.35e-05
Marital status			
Married	—	—	
Single/Never been married	0.95	0.81, 1.11	0.487
Separated	0.86	0.67, 1.10	0.233
Widowed	0.79	0.59, 1.07	0.123
Domestic partner	0.98	0.72, 1.34	0.909
Divorced	1.44	0.87, 2.39	0.153
Employment status			
Self-employed	—	—	
Homemaker	1.01	0.87, 1.17	0.924
Unemployed and looking for a job	1.02	0.86, 1.21	0.816
Employed for an employer	0.97	0.76, 1.24	0.826
Student	1.26	0.91, 1.74	0.167
Retired	0.99	0.62, 1.58	0.961
None of these/Other	0.96	0.62, 1.50	0.866
Religious attendance			
Once a week	—	—	
More than once a week	1.02	0.91, 1.16	0.704
One to three times a month	0.99	0.83, 1.19	0.913
A few times a year	1.19	0.98, 1.43	0.075
Never	1.30	0.92, 1.83	0.137
Educational attainment (16+ years)			
Up to 8	—	—	
9-15	1.18	1.01, 1.38	0.034

Table S28e. Summary of fitted attrition model in Tanzania

Characteristic	Odds Ratio	95% CI	p-value
16+	1.34	0.88, 2.03	0.173
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.35	0.12, 1.06	0.064
Race plurality (prominent race/ethnic group [0] or not [1])	1.04	0.98, 1.10	0.162
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A rural area or on a farm</i>	0.87	0.74, 1.03	0.102
<i>A large city</i>	0.87	0.67, 1.13	0.298
<i>A suburb of a large city</i>	0.90	0.70, 1.16	0.420
Monthly household income			
<i>Tanzania: 20,001 – 50,000 shillings/month</i>	—	—	
<i>Tanzania: 50,001 – 100,000 shillings/month</i>	1.02	0.86, 1.20	0.842
<i>Tanzania: 20,000 shillings/month or less</i>	1.06	0.88, 1.28	0.521
<i>Tanzania: 100,001 – 150,000 shillings/month</i>	1.10	0.91, 1.33	0.315
<i>Tanzania: 150,001 – 200,000 shillings/month</i>	0.99	0.77, 1.28	0.947
<i>Tanzania: 200,001 – 250,000 shillings/month</i>	0.67	0.52, 0.88	0.004
<i>Tanzania: 250,001 – 300,000 shillings/month</i>	1.27	0.95, 1.70	0.109
<i>Tanzania: 300,001 – 400,000 shillings/month</i>	0.92	0.69, 1.24	0.599
<i>(None/No household income)</i>	0.83	0.58, 1.17	0.285
<i>Tanzania: 400,001 – 500,000 shillings/month</i>	1.32	0.84, 2.08	0.228
<i>Tanzania: 500,001 – 700,000 shillings/month</i>	1.11	0.72, 1.73	0.627
<i>Tanzania: More than 700,000 shillings/month</i>	0.85	0.55, 1.33	0.478

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=9075; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S28f. Summary of principal components in Tanzania

PC	Percent Explained by each PC	Cumulative Percent Explained
1	29.21	29.21
2	4.85	34.06
3	2.50	36.56
4	2.09	38.65
5	2.05	40.70
6	1.79	42.49
7	1.75	44.23
8	1.53	45.76
9	1.45	47.22
10	1.40	48.62
11	1.38	50.00
12	1.27	51.28
13	1.25	52.53
14	1.23	53.75
15	1.19	54.94
16	1.18	56.11
17	1.13	57.24
18	1.12	58.37
19	1.10	59.47
20	1.08	60.55

Notes. N=9075; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S28g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Tanzania

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.41	(0.38,0.44)	0.02	2.22e-16***	0.29	(0.25,0.33)	0.02	2.22e-16***
Flourishing index	0.39	(0.36,0.42)	0.01	2.22e-16***	0.23	(0.19,0.27)	0.02	2.22e-16***
Happiness & life satisfaction	0.30	(0.27,0.33)	0.01	2.22e-16***	0.12	(0.09,0.15)	0.02	7.54e-13***
Physical & mental health	0.28	(0.25,0.31)	0.02	2.22e-16***	0.10	(0.07,0.14)	0.02	1.1e-08***
Meaning & purpose	0.29	(0.26,0.32)	0.01	2.22e-16***	0.10	(0.07,0.13)	0.02	1.01e-10***
Character & virtue	0.19	(0.16,0.22)	0.02	2.22e-16***	0.03	(0.00,0.06)	0.01	0.042*
Close social relationships	0.25	(0.23,0.28)	0.01	2.22e-16***	0.10	(0.07,0.13)	0.02	1.36e-09***
Financial & material security	0.28	(0.25,0.31)	0.02	2.22e-16***	0.12	(0.09,0.15)	0.02	6.03e-13***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.24	(0.22,0.27)	0.01	2.22e-16***	0.08	(0.05,0.10)	0.01	1.44e-08***
Happiness (a)	0.26	(0.23,0.29)	0.02	2.22e-16***	0.08	(0.04,0.11)	0.02	4.29e-06***
Self-rated physical health (b)	0.26	(0.23,0.30)	0.02	2.22e-16***	0.09	(0.05,0.12)	0.02	3.58e-07***
Self-rated mental health (b)	0.20	(0.17,0.23)	0.02	2.22e-16***	0.06	(0.03,0.09)	0.02	8.89e-05***
Understanding purpose (c)	0.19	(0.16,0.22)	0.01	2.22e-16***	0.04	(0.02,0.07)	0.01	1.77e-03**
Meaningful activities (c)	0.27	(0.25,0.30)	0.01	2.22e-16***	0.10	(0.07,0.13)	0.01	1.07e-10***
Orientation to promote good (d)	0.19	(0.16,0.22)	0.01	2.22e-16***	0.05	(0.02,0.07)	0.01	9.08e-04**
Delayed gratification (d)	0.12	(0.09,0.16)	0.02	3.87e-14***	-0.00	(-0.03,0.03)	0.01	0.927
Relationship contentment (e)	0.22	(0.18,0.25)	0.02	2.22e-16***	0.07	(0.03,0.10)	0.02	5.53e-05***
Relationship satisfaction (e)	0.23	(0.20,0.25)	0.01	2.22e-16***	0.08	(0.05,0.10)	0.01	7.12e-08***
Financial security (f)	0.24	(0.21,0.27)	0.02	2.22e-16***	0.07	(0.04,0.10)	0.02	5.52e-06***
Material security (f)	0.25	(0.22,0.28)	0.02	2.22e-16***	0.08	(0.05,0.11)	0.02	2.85e-07***
<i>Psychological Well-Being</i>								
Current life evaluation	0.19	(0.16,0.21)	0.01	2.22e-16***	0.05	(0.02,0.08)	0.01	6.11e-04***
Future life evaluation	0.23	(0.20,0.27)	0.02	2.22e-16***	0.08	(0.05,0.11)	0.01	2.68e-08***
Optimism	0.16	(0.13,0.19)	0.01	2.22e-16***	0.04	(0.01,0.06)	0.01	4.83e-03**
Freedom to pursue what's important	0.20	(0.17,0.23)	0.02	2.22e-16***	0.06	(0.03,0.09)	0.02	1.99e-04***
Inner peace	0.13	(0.10,0.16)	0.01	2.22e-16***	0.03	(0.01,0.06)	0.01	0.017*
Life balance	0.06	(0.03,0.09)	0.01	2.3e-05***	-0.03	(-0.05,-0.00)	0.01	0.031*
Sense of mastery	0.17	(0.14,0.20)	0.02	2.22e-16***	0.06	(0.03,0.08)	0.01	6.66e-05***
<i>Psychological Distress</i>								
Traumatic distress	-0.09	(-0.12,-0.06)	0.02	9.65e-09***	0.01	(-0.02,0.04)	0.01	0.595
Depression symptoms composite	-0.11	(-0.14,-0.08)	0.02	1.17e-12***	-0.00	(-0.03,0.03)	0.01	0.970
Depression – feel hopeless	-0.12	(-0.15,-0.09)	0.01	1.44e-15***	-0.00	(-0.03,0.02)	0.01	0.792
Depression – loss of interest	-0.06	(-0.09,-0.03)	0.01	5.59e-05***	0.01	(-0.01,0.03)	0.01	0.410
Anxiety symptoms composite	-0.13	(-0.16,-0.10)	0.01	2.22e-16***	-0.00	(-0.03,0.02)	0.01	0.727
Anxiety – feel on edge	-0.13	(-0.16,-0.10)	0.01	2.22e-16***	-0.01	(-0.04,0.02)	0.01	0.589
Anxiety – cannot stop worrying	-0.10	(-0.13,-0.08)	0.01	6.35e-13***	0.01	(-0.02,0.04)	0.01	0.400
Suffering	-0.13	(-0.15,-0.10)	0.01	2.22e-16***	0.00	(-0.02,0.03)	0.01	0.767
<i>Social Well-Being</i>								
Social support	0.14	(0.11,0.17)	0.02	2.22e-16***	0.01	(-0.01,0.04)	0.01	0.335
Intimate/close friend	0.06	(0.03,0.08)	0.01	1.41e-05***	0.04	(0.01,0.06)	0.01	4.59e-03**
Government approval	0.05	(0.02,0.08)	0.01	6.4e-04***	0.02	(-0.00,0.04)	0.01	0.117
Say in government	0.06	(0.03,0.09)	0.01	9.75e-06***	0.03	(0.01,0.05)	0.01	0.017*
Belonging in country	0.14	(0.11,0.17)	0.02	2.22e-16***	0.02	(-0.01,0.05)	0.01	0.156
City/place satisfaction	0.08	(0.05,0.11)	0.01	1.83e-07***	0.06	(0.03,0.09)	0.01	1.53e-05***
Trust within country	0.02	(-0.01,0.05)	0.01	0.161	0.03	(0.01,0.06)	0.01	0.008*
<i>Social Participation</i>								
Ever been married	-0.02	(-0.09,0.06)	0.04	0.684	0.04	(-0.03,0.11)	0.04	0.290
Currently divorced	0.01	(-0.02,0.04)	0.01	0.511	0.03	(0.01,0.05)	0.01	0.013*
Number of children	-0.05	(-0.09,-0.02)	0.02	4.31e-03**	-0.03	(-0.06,-0.00)	0.02	0.035*
Weekly+ community participation	0.01	(-0.02,0.04)	0.01	0.512	0.01	(-0.02,0.04)	0.01	0.499
Weekly+ religious attendance	0.04	(0.02,0.07)	0.01	1.56e-03**	0.02	(-0.00,0.05)	0.01	0.068
<i>Social Distress</i>								
Loneliness	-0.23	(-0.26,-0.20)	0.02	2.22e-16***	-0.07	(-0.10,-0.04)	0.01	1.11e-05***
Perceived discrimination	-0.06	(-0.09,-0.03)	0.01	1.99e-05***	-0.03	(-0.05,-0.00)	0.01	0.035*
<i>Character & Prosocial Behavior</i>								
Hope	0.18	(0.15,0.21)	0.01	2.22e-16***	0.03	(0.00,0.06)	0.01	0.044*
Gratitude	0.18	(0.15,0.21)	0.01	2.22e-16***	0.05	(0.02,0.08)	0.01	2.02e-04***
Showing love/care	0.15	(0.13,0.18)	0.01	2.22e-16***	0.05	(0.02,0.07)	0.01	4.04e-04***
Forgivingness	0.02	(-0.00,0.05)	0.01	0.090	0.00	(-0.03,0.03)	0.01	0.945
Charitable giving	0.04	(0.01,0.07)	0.01	3.15e-03**	0.02	(-0.00,0.04)	0.01	0.100
Helping strangers	0.03	(0.00,0.06)	0.01	0.022*	0.01	(-0.02,0.03)	0.01	0.667
Volunteering	0.04	(0.02,0.07)	0.01	9.8e-04**	0.02	(0.00,0.05)	0.01	0.040*
<i>Physical Health & Health Behavior</i>								
Health problems	-0.10	(-0.13,-0.07)	0.02	4.83e-11***	-0.03	(-0.06,-0.00)	0.01	0.024*
Pain in past 4 weeks	-0.12	(-0.15,-0.10)	0.01	2.22e-16***	-0.03	(-0.05,-0.01)	0.01	0.013*
Daily smoker	-0.02	(-0.05,0.00)	0.01	0.108	-0.01	(-0.03,0.02)	0.01	0.511
Number of drinks per week	-0.03	(-0.06,-0.01)	0.01	0.009*	-0.03	(-0.05,-0.01)	0.01	2.76e-03**
Days exercise per week	0.06	(0.03,0.08)	0.01	2.45e-05***	0.03	(0.00,0.05)	0.01	0.021*
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.02	(0.00,0.03)	0.01	0.049*	0.00	(-0.01,0.02)	0.01	0.796
Currently employed	0.04	(0.01,0.07)	0.01	4.79e-03**	0.02	(-0.00,0.04)	0.01	0.107
Financially comfortable/getting by	0.13	(0.10,0.15)	0.01	2.22e-16***	0.06	(0.04,0.09)	0.01	1.79e-06***
Own home	0.04	(0.02,0.07)	0.01	1.44e-03**	0.02	(-0.01,0.04)	0.01	0.142
Income – top quintile	0.05	(0.03,0.08)	0.01	2.14e-04***	0.03	(0.00,0.06)	0.01	0.036*
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.07	(0.05,0.10)	0.01	1.4e-07***	0.05	(0.02,0.08)	0.01	2.74e-04***
Belief in life after death	0.04	(0.01,0.07)	0.02	0.007*	0.03	(-0.00,0.05)	0.01	0.081
Transformative religious experience	0.04	(0.02,0.07)	0.01	1.66e-03**	0.03	(0.00,0.05)	0.01	0.049*
Religious reading or listening	0.01	(-0.01,0.04)	0.01	0.312	0.00	(-0.02,0.03)	0.01	0.774
Prayer or meditation	0.01	(-0.02,0.04)	0.01	0.566	0.01	(-0.02,0.04)	0.01	0.381
Belief in God/gods/spiritual forces	0.03	(0.01,0.06)	0.01	0.014*	0.03	(0.01,0.06)	0.01	0.009*
Religious centrality	0.08	(0.05,0.11)	0.01	9.14e-09***	0.06	(0.03,0.08)	0.01	1.49e-05***
Religious/spiritual comfort	0.06	(0.03,0.09)	0.01	3.83e-05***	0.04	(0.01,0.07)	0.02	0.016*
Feel loved by God	0.04	(0.01,0.07)	0.02	0.009*	0.03	(0.00,0.06)	0.01	0.050
Feel punished by God	0.00	(-0.02,0.03)	0.01	0.847	0.01	(-0.02,0.03)	0.01	0.507
Experienced religious criticism	-0.01	(-0.03,0.02)	0.01	0.547	-0.01	(-0.03,0.01)	0.01	0.393
Faith-sharing	0.05	(0.02,0.08)	0.02	3.71e-04***	0.03	(0.01,0.06)	0.01	0.020*

Notes. N=9075; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S28h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Tanzania using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.36	(0.32,0.40)	0.02	2.22e-16***	0.25	(0.20,0.30)	0.03	2.22e-16***
Flourishing index	0.34	(0.30,0.38)	0.02	2.22e-16***	0.20	(0.15,0.25)	0.02	2.22e-16***
Happiness & life satisfaction	0.26	(0.23,0.30)	0.02	2.22e-16***	0.10	(0.06,0.14)	0.02	3.77e-06***
Physical & mental health	0.25	(0.21,0.28)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	4.9e-05***
Meaning & purpose	0.26	(0.22,0.29)	0.02	2.22e-16***	0.09	(0.05,0.13)	0.02	5.31e-06***
Character & virtue	0.16	(0.13,0.20)	0.02	2.22e-16***	0.03	(-0.01,0.06)	0.02	0.143
Close social relationships	0.23	(0.19,0.26)	0.02	2.22e-16***	0.08	(0.05,0.12)	0.02	1.38e-05***
Financial & material security	0.25	(0.21,0.29)	0.02	2.22e-16***	0.10	(0.06,0.14)	0.02	3.47e-07***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.22	(0.18,0.25)	0.02	2.22e-16***	0.07	(0.04,0.10)	0.02	2.45e-05***
Happiness (a)	0.22	(0.19,0.26)	0.02	2.22e-16***	0.05	(0.01,0.10)	0.02	0.011*
Self-rated physical health (b)	0.23	(0.19,0.27)	0.02	2.22e-16***	0.08	(0.03,0.12)	0.02	4.31e-04***
Self-rated mental health (b)	0.17	(0.14,0.20)	0.02	2.22e-16***	0.05	(0.02,0.09)	0.02	3.84e-03**
Understanding purpose (c)	0.15	(0.12,0.19)	0.02	2.22e-16***	0.03	(-0.00,0.06)	0.02	0.082
Meaningful activities (c)	0.25	(0.22,0.29)	0.02	2.22e-16***	0.10	(0.06,0.14)	0.02	2.12e-07***
Orientation to promote good (d)	0.16	(0.13,0.20)	0.02	2.22e-16***	0.04	(0.00,0.08)	0.02	0.027*
Delayed gratification (d)	0.11	(0.07,0.15)	0.02	2.83e-08***	0.00	(-0.03,0.04)	0.02	0.956
Relationship contentment (e)	0.19	(0.15,0.23)	0.02	2.22e-16***	0.06	(0.02,0.09)	0.02	4.17e-03**
Relationship satisfaction (e)	0.20	(0.17,0.23)	0.02	2.22e-16***	0.06	(0.03,0.09)	0.02	2.77e-04***
Financial security (f)	0.21	(0.18,0.25)	0.02	2.22e-16***	0.06	(0.02,0.10)	0.02	1.65e-03**
Material security (f)	0.22	(0.19,0.26)	0.02	2.22e-16***	0.07	(0.03,0.11)	0.02	3.44e-04***
<i>Psychological Well-Being</i>								
Current life evaluation	0.16	(0.12,0.20)	0.02	2.22e-16***	0.04	(0.00,0.07)	0.02	0.048*
Future life evaluation	0.21	(0.17,0.25)	0.02	2.22e-16***	0.07	(0.04,0.11)	0.02	9.28e-05***
Optimism	0.13	(0.10,0.16)	0.02	6.88e-15***	0.02	(-0.01,0.06)	0.02	0.177
Freedom to pursue what's important	0.17	(0.13,0.21)	0.02	2.22e-16***	0.04	(-0.00,0.08)	0.02	0.052
Inner peace	0.13	(0.09,0.16)	0.02	1.05e-11***	0.03	(-0.00,0.07)	0.02	0.083
Life balance	0.05	(0.02,0.09)	0.02	3.73e-03**	-0.02	(-0.06,0.01)	0.02	0.143
Sense of mastery	0.15	(0.12,0.19)	0.02	2.22e-16***	0.05	(0.02,0.09)	0.02	1.37e-03**
<i>Psychological Distress</i>								
Traumatic distress	-0.07	(-0.11,-0.04)	0.02	1.07e-04***	0.01	(-0.02,0.05)	0.02	0.525
Depression symptoms composite	-0.10	(-0.13,-0.06)	0.02	1.12e-07***	0.00	(-0.04,0.04)	0.02	0.936
Depression – feel hopeless	-0.12	(-0.15,-0.08)	0.02	3.78e-11***	-0.02	(-0.06,0.02)	0.02	0.276
Depression – loss of interest	-0.04	(-0.07,-0.01)	0.02	0.020*	0.02	(-0.01,0.05)	0.02	0.263
Anxiety symptoms composite	-0.10	(-0.14,-0.07)	0.02	9.9e-09***	0.01	(-0.02,0.05)	0.02	0.479
Anxiety – feel on edge	-0.09	(-0.13,-0.06)	0.02	2.33e-07***	0.01	(-0.02,0.05)	0.02	0.494
Anxiety – cannot stop worrying	-0.09	(-0.12,-0.05)	0.02	5.36e-07***	0.01	(-0.02,0.05)	0.02	0.514
Suffering	-0.10	(-0.14,-0.07)	0.02	6.69e-09***	0.00	(-0.03,0.03)	0.02	0.951
<i>Social Well-Being</i>								
Social support	0.11	(0.08,0.15)	0.02	1.75e-10***	-0.00	(-0.03,0.03)	0.02	0.885
Intimate/close friend	0.05	(0.01,0.08)	0.02	0.006*	0.03	(-0.01,0.06)	0.02	0.121
Government approval	0.04	(0.01,0.08)	0.02	0.010*	0.02	(-0.01,0.05)	0.02	0.230
Say in government	0.06	(0.03,0.10)	0.02	6.16e-04***	0.03	(0.00,0.07)	0.02	0.033*
Belonging in country	0.14	(0.10,0.17)	0.02	7.7e-13***	0.02	(-0.02,0.06)	0.02	0.267
City/place satisfaction	0.06	(0.03,0.09)	0.02	2.29e-04***	0.05	(0.02,0.08)	0.02	1.81e-03**
Trust within country	0.01	(-0.02,0.05)	0.02	0.459	0.02	(-0.01,0.05)	0.02	0.178
<i>Social Participation</i>								
Ever been married	-0.03	(-0.13,0.07)	0.05	0.581	0.01	(-0.09,0.12)	0.05	0.774
Currently divorced	0.01	(-0.03,0.04)	0.02	0.632	0.03	(-0.00,0.06)	0.02	0.064
Number of children	-0.06	(-0.10,-0.01)	0.02	0.014*	-0.04	(-0.08,0.00)	0.02	0.064
Weekly+ community participation	0.01	(-0.02,0.04)	0.02	0.480	-0.00	(-0.03,0.03)	0.02	0.999
Weekly+ religious attendance	0.03	(0.00,0.07)	0.02	0.045*	0.01	(-0.02,0.05)	0.02	0.372
<i>Social Distress</i>								
Loneliness	-0.20	(-0.23,-0.17)	0.02	2.22e-16***	-0.06	(-0.09,-0.03)	0.02	3.31e-04***
Perceived discrimination	-0.06	(-0.09,-0.02)	0.02	2.46e-03**	-0.03	(-0.06,0.01)	0.02	0.127
<i>Character & Prosocial Behavior</i>								
Hope	0.15	(0.12,0.19)	0.02	2.22e-16***	0.02	(-0.01,0.06)	0.02	0.227
Gratitude	0.15	(0.11,0.18)	0.02	2.22e-16***	0.04	(0.00,0.07)	0.02	0.047*
Showing love/care	0.13	(0.10,0.16)	0.02	3.92e-14***	0.03	(-0.00,0.06)	0.02	0.068
Forgivingness	0.02	(-0.01,0.05)	0.02	0.288	-0.00	(-0.03,0.03)	0.02	0.961
Charitable giving	0.02	(-0.01,0.06)	0.02	0.164	0.01	(-0.02,0.04)	0.02	0.565
Helping strangers	0.02	(-0.01,0.06)	0.02	0.223	-0.00	(-0.03,0.03)	0.02	0.969
Volunteering	0.04	(0.01,0.06)	0.01	0.015*	0.02	(-0.00,0.05)	0.01	0.111
<i>Physical Health & Health Behavior</i>								
Health problems	-0.08	(-0.12,-0.05)	0.02	2.19e-06***	-0.02	(-0.05,0.02)	0.02	0.290
Pain in past 4 weeks	-0.12	(-0.15,-0.08)	0.02	4.27e-12***	-0.04	(-0.07,-0.01)	0.02	0.013*
Daily smoker	-0.02	(-0.06,0.01)	0.02	0.122	-0.01	(-0.04,0.01)	0.01	0.360
Number of drinks per week	-0.03	(-0.05,0.00)	0.01	0.059	-0.02	(-0.04,-0.00)	0.01	0.044*
Days exercise per week	0.05	(0.02,0.09)	0.02	8.43e-04**	0.03	(-0.00,0.06)	0.02	0.052
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.01	(-0.01,0.03)	0.01	0.313	-0.00	(-0.02,0.02)	0.01	0.814
Currently employed	0.04	(0.01,0.08)	0.02	0.022*	0.02	(-0.01,0.05)	0.02	0.190
Financially comfortable/getting by	0.11	(0.08,0.15)	0.02	3.75e-11***	0.05	(0.02,0.09)	0.02	9.86e-04**
Own home	0.02	(-0.01,0.06)	0.02	0.122	0.02	(-0.01,0.05)	0.02	0.250
Income – top quintile	0.05	(0.01,0.09)	0.02	0.008*	0.03	(-0.01,0.07)	0.02	0.116
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.07	(0.04,0.10)	0.02	4.01e-06***	0.04	(0.01,0.07)	0.02	0.008*
Belief in life after death	0.04	(0.00,0.07)	0.02	0.039*	0.03	(-0.01,0.07)	0.02	0.111
Transformative religious experience	0.03	(-0.00,0.07)	0.02	0.052	0.02	(-0.01,0.05)	0.02	0.286
Religious reading or listening	0.01	(-0.02,0.04)	0.02	0.516	-0.00	(-0.03,0.03)	0.02	0.870
Prayer or meditation	0.02	(-0.02,0.05)	0.02	0.444	0.01	(-0.03,0.05)	0.02	0.720
Belief in God/gods/spiritual forces	0.03	(0.00,0.07)	0.02	0.039*	0.04	(0.00,0.07)	0.02	0.030*
Religious centrality	0.06	(0.03,0.09)	0.02	1.25e-04***	0.04	(0.01,0.08)	0.02	0.005*
Religious/spiritual comfort	0.06	(0.02,0.10)	0.02	1.31e-03**	0.04	(-0.00,0.08)	0.02	0.052
Feel loved by God	0.05	(0.01,0.08)	0.02	0.013*	0.03	(-0.01,0.06)	0.02	0.106
Feel punished by God	0.00	(-0.03,0.04)	0.02	0.985	0.01	(-0.02,0.04)	0.02	0.578
Experienced religious criticism	-0.02	(-0.05,0.01)	0.02	0.254	-0.02	(-0.05,0.02)	0.02	0.332
Faith-sharing	0.04	(0.01,0.08)	0.02	0.020*	0.02	(-0.01,0.05)	0.02	0.245

Notes. N=5583; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S28i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Tanzania

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	1.76	1.72	1.58	1.53	1.68	1.63	1.53	1.45
Flourishing index	1.72	1.68	1.49	1.43	1.66	1.60	1.45	1.37
Happiness & life satisfaction	1.42	1.39	1.23	1.19	1.38	1.35	1.21	1.15
Physical & mental health	1.50	1.46	1.26	1.21	1.46	1.41	1.24	1.16
Meaning & purpose	1.46	1.43	1.24	1.19	1.42	1.38	1.22	1.16
Character & virtue	1.35	1.31	1.12	1.02	1.32	1.27	1.11	1.00
Close social relationships	1.40	1.37	1.22	1.17	1.36	1.33	1.19	1.14
Financial & material security	1.38	1.35	1.22	1.18	1.35	1.31	1.20	1.15
Individual Flourishing Index Items								
Life satisfaction	1.31	1.29	1.16	1.12	1.29	1.26	1.15	1.10
Happiness	1.36	1.33	1.17	1.13	1.33	1.29	1.14	1.06
Self-rated physical health	1.38	1.35	1.19	1.15	1.35	1.31	1.18	1.11
Self-rated mental health	1.40	1.36	1.19	1.13	1.36	1.31	1.18	1.09
Understanding purpose	1.31	1.29	1.13	1.07	1.27	1.23	1.10	1.00
Meaningful activities	1.38	1.35	1.20	1.16	1.36	1.33	1.20	1.15
Orientation to promote good	1.33	1.30	1.14	1.09	1.30	1.26	1.13	1.04
Delayed gratification	1.23	1.19	1.02	1.00	1.21	1.16	1.02	1.00
Relationship contentment	1.33	1.30	1.16	1.11	1.31	1.27	1.15	1.08
Relationship satisfaction	1.33	1.30	1.17	1.13	1.30	1.27	1.15	1.10
Financial security	1.32	1.29	1.15	1.11	1.29	1.26	1.14	1.08
Material security	1.32	1.30	1.17	1.13	1.30	1.26	1.15	1.10
Psychological Well-Being								
Current life evaluation	1.29	1.26	1.13	1.08	1.26	1.22	1.11	1.01
Future life evaluation	1.35	1.32	1.19	1.15	1.33	1.29	1.17	1.12
Optimism	1.32	1.29	1.14	1.07	1.28	1.24	1.10	1.00
Freedom to pursue what's important	1.35	1.31	1.17	1.11	1.31	1.27	1.13	1.00
Inner peace	1.88	1.72	1.33	1.12	1.84	1.65	1.32	1.00
Life balance	1.47	1.31	1.29	1.08	1.43	1.21	1.26	1.00
Sense of mastery	2.11	1.94	1.47	1.31	2.00	1.80	1.46	1.25
Psychological Distress								
Traumatic distress	1.65	1.48	1.13	1.00	1.56	1.34	1.17	1.00
Depression symptoms composite	1.77	1.60	1.03	1.00	1.68	1.48	1.06	1.00
Depression – feel hopeless	1.82	1.66	1.09	1.00	1.79	1.60	1.23	1.00
Depression – loss of interest	1.46	1.30	1.16	1.00	1.34	1.12	1.22	1.00
Anxiety symptoms composite	1.91	1.76	1.11	1.00	1.73	1.54	1.18	1.00
Anxiety – feel on edge	1.89	1.73	1.14	1.00	1.70	1.49	1.19	1.00
Anxiety – cannot stop worrying	1.75	1.59	1.17	1.00	1.66	1.46	1.18	1.00
Suffering	1.82	1.68	1.09	1.00	1.71	1.52	1.05	1.00
Social Well-Being								
Social support	1.24	1.21	1.06	1.00	1.21	1.17	1.03	1.00
Intimate/close friend	1.51	1.34	1.37	1.18	1.44	1.20	1.31	1.00
Government approval	1.56	1.31	1.30	1.00	1.53	1.21	1.30	1.00
Say in government	1.49	1.33	1.30	1.11	1.49	1.28	1.33	1.08
Belonging in country	1.27	1.24	1.09	1.00	1.26	1.21	1.09	1.00
City/place satisfaction	1.69	1.50	1.57	1.38	1.56	1.33	1.48	1.25
Trust within country	1.25	1.00	1.35	1.16	1.20	1.00	1.27	1.00
Social Participation								
Ever been married	1.22	1.00	1.38	1.00	1.31	1.00	1.21	1.00
Currently divorced	1.38	1.00	1.94	1.31	1.36	1.00	1.87	1.00
Number of children	1.18	1.09	1.14	1.03	1.19	1.08	1.15	1.00
Weekly+ community participation	1.17	1.00	1.17	1.00	1.19	1.00	1.01	1.00
Weekly+ religious attendance	1.41	1.22	1.27	1.00	1.36	1.04	1.21	1.00
Social Distress								
Loneliness	1.31	1.29	1.15	1.11	1.29	1.26	1.14	1.09
Perceived discrimination	1.63	1.41	1.35	1.08	1.60	1.30	1.35	1.00
Character & Prosocial Behavior								
Hope	1.33	1.29	1.11	1.02	1.29	1.25	1.09	1.00
Gratitude	1.31	1.28	1.15	1.10	1.27	1.23	1.12	1.01
Showing love/care	1.32	1.28	1.16	1.10	1.28	1.24	1.12	1.00
Forgivingness	1.32	1.00	1.05	1.00	1.26	1.00	1.04	1.00
Charitable giving	1.39	1.20	1.25	1.00	1.29	1.00	1.16	1.00
Helping strangers	1.32	1.10	1.12	1.00	1.26	1.00	1.04	1.00
Volunteering	1.51	1.28	1.34	1.06	1.45	1.16	1.32	1.00
Physical Health & Health Behavior								
Health problems	1.91	1.69	1.40	1.12	1.78	1.52	1.27	1.00
Pain in past 4 weeks	1.81	1.68	1.30	1.12	1.78	1.61	1.36	1.14
Daily smoker	1.46	1.00	1.24	1.00	1.51	1.00	1.32	1.00
Number of drinks per week	1.09	1.04	1.09	1.05	1.08	1.00	1.08	1.01
Days exercise per week	1.16	1.11	1.11	1.04	1.16	1.09	1.11	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.59	1.04	1.15	1.00	1.42	1.00	1.16	1.00
Currently employed	1.36	1.17	1.24	1.00	1.37	1.12	1.25	1.00
Financially comfortable/getting by	1.83	1.69	1.48	1.34	1.76	1.58	1.44	1.25
Own home	1.39	1.22	1.24	1.00	1.29	1.00	1.24	1.00
Income – top quintile	1.51	1.31	1.35	1.08	1.51	1.22	1.35	1.00
Religion & Spirituality								
Religious/spiritual connection	1.66	1.48	1.50	1.30	1.64	1.43	1.42	1.18
Belief in life after death	1.37	1.17	1.28	1.00	1.36	1.06	1.30	1.00
Transformative religious experience	1.40	1.22	1.28	1.02	1.33	1.00	1.22	1.00
Religious reading or listening	1.20	1.00	1.09	1.00	1.17	1.00	1.08	1.00
Prayer or meditation	1.15	1.00	1.19	1.00	1.22	1.00	1.14	1.00
Belief in God/gods/spiritual forces	1.81	1.27	1.83	1.31	1.77	1.12	1.82	1.18
Religious centrality	1.91	1.66	1.68	1.45	1.72	1.43	1.56	1.25
Religious/spiritual comfort	1.89	1.54	1.61	1.21	1.88	1.44	1.61	1.00
Feel loved by God	1.83	1.32	1.64	1.04	1.88	1.29	1.59	1.00
Feel punished by God	1.08	1.00	1.15	1.00	1.03	1.00	1.16	1.00
Experienced religious criticism	1.14	1.00	1.16	1.00	1.23	1.00	1.20	1.00
Faith-sharing	1.55	1.32	1.37	1.13	1.45	1.15	1.27	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S29a. Weighted summary statistics for demographic and childhood variables in Turkey

Characteristic	Wave 1 N = 1,473	Wave 2 N = 498
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	20 (1.4%)	5 (1.0%)
1943-1953 (current age: 70-79 years)	72 (4.9%)	20 (4.1%)
1953-1963 (current age: 60-69 years)	171 (11.6%)	53 (10.6%)
1963-1973 (current age: 50-59 years)	211 (14.3%)	90 (18.0%)
1973-1983 (current age: 40-49 years)	295 (20.0%)	86 (17.2%)
1983-1993 (current age: 30-39 years)	309 (21.0%)	108 (21.7%)
1993-1998 (current age: 25-29 years)	155 (10.5%)	69 (13.8%)
1998-2005 (current age: 18-24 years)	240 (16.3%)	67 (13.5%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	42.2	42.2
Standard Deviation	16.4	15.6
Min, Max	18.0, 93.0	19.0, 83.0
<i>Gender, n (%)</i>		
Male	736 (50.0%)	256 (51.3%)
Female	737 (50.0%)	243 (48.7%)
Other	0 (0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	375 (25.4%)	119 (23.8%)
Married	941 (63.9%)	325 (65.3%)
Separated	12 (0.8%)	2 (0.5%)
Divorced	60 (4.0%)	19 (3.8%)
Widowed	69 (4.7%)	31 (6.3%)
Domestic partner	0 (0%)	0 (0%)
(Missing)	17 (1.1%)	2 (0.3%)
<i>Education (years), n (%)</i>		
Up to 8	452 (30.7%)	135 (27.1%)
9-15	730 (49.6%)	229 (46.0%)
16+	290 (19.7%)	134 (26.9%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	403 (27.3%)	146 (29.3%)
Self-employed	248 (16.8%)	77 (15.4%)
Retired	206 (14.0%)	69 (13.9%)
Student	112 (7.6%)	23 (4.6%)
Homemaker	361 (24.5%)	108 (21.6%)
Unemployed and looking for a job	86 (5.8%)	43 (8.7%)
None of these/Other	58 (3.9%)	27 (5.4%)
(Missing)	0 (0%)	6 (1.3%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	499 (33.9%)	213 (42.7%)
Once a week	274 (18.6%)	67 (13.5%)
One to three times a month	175 (11.9%)	52 (10.5%)
A few times a year	252 (17.1%)	78 (15.6%)
Never	268 (18.2%)	81 (16.2%)
(Missing)	5 (0.4%)	8 (1.6%)
<i>Immigration status, n (%)</i>		
Born in this country	1,413 (95.9%)	477 (95.8%)

Table S29a. Weighted summary statistics for demographic and childhood variables in Turkey

Characteristic	Wave 1 N = 1,473	Wave 2 N = 498
Born in another country	60 (4.1%)	21 (4.2%)
(Missing)	0 (0%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	1,325 (89.9%)	456 (91.6%)
Parents were divorced	58 (4.0%)	14 (2.8%)
Parents were never married	7 (0.5%)	1 (0.2%)
One or both of them had died	60 (4.1%)	23 (4.6%)
Unsure	4 (0.3%)	3 (0.6%)
(Missing)	18 (1.2%)	1 (0.2%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	609 (41.3%)	231 (46.3%)
One to three times a month	236 (16.0%)	69 (13.8%)
Less than once a month	220 (15.0%)	64 (12.9%)
Never	390 (26.5%)	124 (24.9%)
(Missing)	18 (1.2%)	10 (2.1%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	971 (65.9%)	315 (63.3%)
Somewhat good	398 (27.0%)	148 (29.7%)
Somewhat bad	47 (3.2%)	18 (3.6%)
Very bad	27 (1.9%)	11 (2.2%)
(Does not apply)	21 (1.4%)	5 (0.9%)
(Missing)	8 (0.6%)	1 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	801 (54.4%)	261 (52.3%)
Somewhat good	421 (28.6%)	139 (27.8%)
Somewhat bad	73 (5.0%)	40 (8.0%)
Very bad	95 (6.5%)	34 (6.8%)
(Does not apply)	58 (4.0%)	16 (3.2%)
(Missing)	24 (1.6%)	9 (1.8%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	157 (10.7%)	48 (9.7%)
No	1,307 (88.7%)	439 (88.2%)
(Missing)	9 (0.6%)	10 (2.1%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	159 (10.8%)	53 (10.6%)
No	1,290 (87.6%)	442 (88.8%)
(Missing)	25 (1.7%)	3 (0.6%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	369 (25.0%)	124 (24.8%)
Very good	412 (28.0%)	137 (27.6%)
Good	424 (28.8%)	141 (28.3%)
Fair	220 (14.9%)	76 (15.2%)
Poor	48 (3.3%)	21 (4.2%)
(Missing)	1 (0.0%)	0 (0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	496 (33.7%)	158 (31.7%)
Got by	648 (44.0%)	225 (45.2%)
Found it difficult	219 (14.8%)	72 (14.5%)
Found it very difficult	109 (7.4%)	43 (8.6%)
(Missing)	2 (0.1%)	0 (0%)

Table S29a. Weighted summary statistics for demographic and childhood variables in Turkey

Characteristic	Wave 1 N = 1,473	Wave 2 N = 498
<i>Religious affiliation growing up, n (%)</i>		
Christianity	1 (0.1%)	1 (0.1%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	0 (0%)	0 (0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	1,441 (97.8%)	486 (97.5%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	0 (0%)
Judaism	1 (0.1%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	13 (0.9%)	6 (1.1%)
(Missing)	18 (1.2%)	6 (1.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S29b. Weighted summary statistics for exposure and outcome variables in Turkey

Outcome	Wave 1 N = 1,473	Wave 2 N = 498
<i>Secure flourishing index</i>		
Mean	6.3	6.1
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (2.1%)	25 (5.0%)
<i>Flourishing index</i>		
Mean	6.6	6.4
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (1.9%)	24 (4.9%)
<i>Happiness & life satisfaction</i>		
Mean	5.3	5.2
Standard Deviation	2.9	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.4%)	0 (<0.1%)
<i>Physical & mental health</i>		
Mean	6.5	6.2
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.1%)	4 (0.9%)
<i>Meaning & purpose</i>		
Mean	6.7	6.2
Standard Deviation	2.6	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.9%)	11 (2.2%)
<i>Character & virtue</i>		
Mean	7.4	7.2
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (<0.1%)	8 (1.7%)
<i>Close social relationships</i>		
Mean	7.0	7.0
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.4%)	2 (0.4%)
<i>Financial & material security</i>		
Mean	4.9	5.0
Standard Deviation	3.3	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	1 (0.2%)
<i>Life satisfaction</i>		
Mean	5.2	5.2
Standard Deviation	3.3	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.4%)	0 (<0.1%)
<i>Happiness</i>		
Mean	5.5	5.3
Standard Deviation	3.0	2.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Self-rated physical health</i>		
Mean	6.7	6.4

Table S29b. Weighted summary statistics for exposure and outcome variables in Turkey

Outcome	Wave 1 N = 1,473	Wave 2 N = 498
Standard Deviation	2.8	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.1%)	3 (0.6%)
<i>Self-rated mental health</i>		
Mean	6.3	5.9
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	2 (0.3%)
<i>Understanding purpose</i>		
Mean	7.2	6.6
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.7%)	1 (0.2%)
<i>Meaningful activities</i>		
Mean	6.1	5.8
Standard Deviation	3.1	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	10 (2.0%)
<i>Orientation to promote good</i>		
Mean	7.7	7.5
Standard Deviation	2.4	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	2 (0.3%)
<i>Delayed gratification</i>		
Mean	7.2	6.9
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (<0.1%)	7 (1.3%)
<i>Relationship contentment</i>		
Mean	7.3	7.3
Standard Deviation	2.9	2.8
Min, Max	0.0, 10.0	0.0, 10.0
<i>Relationship satisfaction</i>		
Mean	6.7	6.7
Standard Deviation	2.9	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.4%)	2 (0.3%)
<i>Financial security</i>		
Mean	4.6	4.7
Standard Deviation	3.5	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.1%)	1 (0.2%)
<i>Material security</i>		
Mean	5.3	5.2
Standard Deviation	3.6	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (0.1%)	0 (0%)
<i>Current life evaluation</i>		
Mean	5.2	5.0
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0

Table S29b. Weighted summary statistics for exposure and outcome variables in Turkey

Outcome	Wave 1 N = 1,473	Wave 2 N = 498
(Missing)	3 (0.2%)	0 (<0.1%)
<i>Future life evaluation</i>		
Mean	6.2	5.9
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	106 (7.2%)	28 (5.6%)
<i>Optimism</i>		
Mean	7.7	7.5
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.4%)	7 (1.4%)
<i>Freedom to pursue what's important</i>		
Mean	7.3	6.9
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	0 (0%)
<i>Inner peace, n (%)</i>		
Always	353 (24.0%)	98 (19.6%)
Often	360 (24.5%)	140 (28.1%)
Rarely	625 (42.4%)	203 (40.8%)
Never	126 (8.5%)	54 (10.8%)
(Missing)	8 (0.6%)	4 (0.7%)
<i>Life balance, n (%)</i>		
Always	294 (20.0%)	84 (16.8%)
Often	395 (26.8%)	157 (31.5%)
Rarely	652 (44.2%)	209 (41.9%)
Never	119 (8.1%)	43 (8.6%)
(Missing)	14 (0.9%)	6 (1.2%)
<i>Sense of mastery, n (%)</i>		
Always	634 (43.0%)	199 (39.9%)
Often	444 (30.2%)	168 (33.6%)
Rarely	326 (22.1%)	113 (22.7%)
Never	63 (4.3%)	19 (3.8%)
(Missing)	5 (0.4%)	0 (0.0%)
<i>Traumatic distress, n (%)</i>		
A lot	397 (27.0%)	151 (30.2%)
Some	374 (25.4%)	110 (22.1%)
Not very much	245 (16.7%)	96 (19.2%)
Not at all	448 (30.4%)	138 (27.7%)
(Missing)	8 (0.6%)	4 (0.7%)
<i>Depression symptoms composite, n (%)</i>	630 (43.1%)	247 (50.1%)
(Missing)	12 (0.8%)	5 (1.0%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	261 (17.7%)	102 (20.5%)
More than half the days	258 (17.5%)	108 (21.7%)
Several days	400 (27.2%)	114 (22.8%)
Not at all	548 (37.2%)	173 (34.8%)
(Missing)	6 (0.4%)	1 (0.3%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	292 (19.8%)	114 (22.9%)
More than half the days	243 (16.5%)	95 (19.1%)

Table S29b. Weighted summary statistics for exposure and outcome variables in Turkey

Outcome	Wave 1 N = 1,473	Wave 2 N = 498
Several days	412 (28.0%)	102 (20.4%)
Not at all	519 (35.2%)	184 (36.9%)
(Missing)	6 (0.4%)	4 (0.7%)
<i>Anxiety symptoms composite, n (%)</i>	617 (42.3%)	205 (41.3%)
(Missing)	13 (0.9%)	0 (<0.1%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	345 (23.4%)	131 (26.4%)
More than half the days	248 (16.9%)	98 (19.7%)
Several days	438 (29.7%)	123 (24.6%)
Not at all	437 (29.6%)	146 (29.3%)
(Missing)	5 (0.4%)	0 (0.1%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	248 (16.8%)	75 (15.0%)
More than half the days	209 (14.2%)	66 (13.3%)
Several days	333 (22.6%)	106 (21.3%)
Not at all	676 (45.9%)	251 (50.4%)
(Missing)	8 (0.5%)	0 (0.1%)
<i>Suffering, n (%)</i>		
A lot	367 (24.9%)	105 (21.2%)
Some	524 (35.5%)	206 (41.4%)
Not very much	329 (22.3%)	103 (20.7%)
Not at all	246 (16.7%)	82 (16.4%)
(Missing)	8 (0.5%)	1 (0.3%)
<i>Social support</i>		
Mean	5.5	5.4
Standard Deviation	3.5	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	1 (0.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	1,144 (77.6%)	368 (73.8%)
No	321 (21.8%)	127 (25.5%)
(Missing)	9 (0.6%)	3 (0.6%)
<i>Government approval, n (%)</i>		
Strongly approve	282 (19.2%)	67 (13.5%)
Somewhat approve	320 (21.7%)	114 (22.9%)
Neither approve nor disapprove	191 (13.0%)	68 (13.7%)
Somewhat disapprove	158 (10.7%)	70 (14.1%)
Strongly disapprove	487 (33.1%)	173 (34.7%)
(Missing)	35 (2.4%)	5 (1.0%)
<i>Say in government, n (%)</i>		
Agree	427 (29.0%)	107 (21.5%)
Disagree	672 (45.6%)	304 (61.1%)
Unsure	365 (24.8%)	80 (16.1%)
(Missing)	10 (0.7%)	6 (1.2%)
<i>Belonging in country</i>		
Mean	6.9	7.4
Standard Deviation	3.4	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.9%)	8 (1.7%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	943 (64.0%)	286 (57.5%)

Table S29b. Weighted summary statistics for exposure and outcome variables in Turkey

Outcome	Wave 1 N = 1,473	Wave 2 N = 498
Dissatisfied	321 (21.8%)	125 (25.2%)
Unsure	203 (13.8%)	83 (16.7%)
(Missing)	5 (0.4%)	3 (0.6%)
<i>Trust within country, n (%)</i>		
All people	66 (4.5%)	15 (3.1%)
Most people	150 (10.2%)	24 (4.9%)
Some people	316 (21.5%)	106 (21.3%)
Not very many people	509 (34.6%)	178 (35.6%)
None	412 (28.0%)	170 (34.1%)
(Missing)	20 (1.3%)	5 (1.0%)
<i>Number of children</i>		
Mean	1.0	1.2
Standard Deviation	1.3	1.6
Min, Max	0.0, 8.0	0.0, 10.0
(Missing)	2 (0.1%)	43 (8.6%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	167 (11.3%)	63 (12.7%)
Once a week	138 (9.4%)	34 (6.9%)
One to three times a month	209 (14.2%)	70 (14.1%)
A few times a year	321 (21.8%)	127 (25.6%)
Never	629 (42.7%)	201 (40.4%)
(Missing)	9 (0.6%)	2 (0.3%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	499 (33.9%)	213 (42.7%)
Once a week	274 (18.6%)	67 (13.5%)
One to three times a month	175 (11.9%)	52 (10.5%)
A few times a year	252 (17.1%)	78 (15.6%)
Never	268 (18.2%)	81 (16.2%)
(Missing)	5 (0.4%)	8 (1.6%)
<i>Loneliness</i>		
Mean	4.6	4.6
Standard Deviation	3.5	3.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.5%)	3 (0.6%)
<i>Perceived discrimination, n (%)</i>		
Always	202 (13.7%)	76 (15.2%)
Often	219 (14.8%)	71 (14.2%)
Rarely	636 (43.2%)	181 (36.4%)
Never	407 (27.6%)	168 (33.7%)
(Missing)	10 (0.6%)	3 (0.6%)
<i>Hope</i>		
Mean	7.8	7.4
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.7%)	7 (1.3%)
<i>Gratitude</i>		
Mean	7.0	6.8
Standard Deviation	2.7	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	66 (4.5%)	6 (1.2%)
<i>Showing love/care</i>		

Table S29b. Weighted summary statistics for exposure and outcome variables in Turkey

Outcome	Wave 1 N = 1,473	Wave 2 N = 498
Mean	7.9	7.7
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	2 (0.4%)
<i>Forgivingness, n (%)</i>		
Always	318 (21.6%)	112 (22.4%)
Often	283 (19.2%)	86 (17.2%)
Rarely	509 (34.6%)	183 (36.8%)
Never	350 (23.8%)	117 (23.6%)
(Missing)	12 (0.8%)	0 (0%)
<i>Charitable giving, n (%)</i>		
Yes	450 (30.6%)	225 (45.3%)
No	1,018 (69.1%)	268 (53.7%)
(Missing)	4 (0.3%)	5 (1.0%)
<i>Helping strangers, n (%)</i>		
Yes	876 (59.5%)	368 (74.0%)
No	577 (39.2%)	127 (25.4%)
(Missing)	19 (1.3%)	3 (0.6%)
<i>Volunteering, n (%)</i>		
Yes	212 (14.4%)	96 (19.2%)
No	1,261 (85.6%)	399 (80.2%)
(Missing)	0 (0%)	3 (0.6%)
<i>Health problems, n (%)</i>		
Yes	204 (13.9%)	94 (18.9%)
No	1,251 (84.9%)	402 (80.8%)
(Missing)	18 (1.2%)	2 (0.3%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	361 (24.5%)	104 (21.0%)
Some	422 (28.7%)	137 (27.6%)
Not very much	317 (21.5%)	114 (22.9%)
None at all	368 (25.0%)	140 (28.2%)
(Missing)	5 (0.4%)	2 (0.4%)
<i>Number of drinks per week</i>		
Mean	1.1	1.0
Standard Deviation	5.2	5.1
Min, Max	0.0, 80.0	0.0, 63.0
(Missing)	21 (1.4%)	26 (5.2%)
<i>Days exercise per week</i>		
Mean	2.8	2.5
Standard Deviation	2.8	2.8
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	18 (1.2%)	1 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	452 (30.7%)	135 (27.1%)
9-15	730 (49.6%)	229 (46.0%)
16+	290 (19.7%)	134 (26.9%)
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	403 (27.3%)	146 (29.3%)
Self-employed	248 (16.8%)	77 (15.4%)
Retired	206 (14.0%)	69 (13.9%)

Table S29b. Weighted summary statistics for exposure and outcome variables in Turkey

Outcome	Wave 1 N = 1,473	Wave 2 N = 498
Student	112 (7.6%)	23 (4.6%)
Homemaker	361 (24.5%)	108 (21.6%)
Unemployed and looking for a job	86 (5.8%)	43 (8.7%)
None of these/Other	58 (3.9%)	27 (5.4%)
(Missing)	0 (0%)	6 (1.3%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	189 (12.9%)	51 (10.2%)
Getting by on present income	561 (38.1%)	204 (41.0%)
Finding it difficult on present income	371 (25.2%)	141 (28.3%)
Finding it very difficult on present income	333 (22.6%)	97 (19.6%)
(Missing)	19 (1.3%)	5 (0.9%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	764 (51.8%)	254 (51.1%)
Someone in this household rents this home	442 (30.0%)	149 (30.0%)
Both	60 (4.1%)	32 (6.4%)
Neither	183 (12.4%)	57 (11.4%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	24 (1.6%)	6 (1.1%)
<i>Religious/spiritual connection, n (%)</i>		
Always	719 (48.8%)	254 (51.0%)
Often	222 (15.0%)	77 (15.5%)
Rarely	317 (21.5%)	100 (20.2%)
Never	184 (12.5%)	60 (12.1%)
(Missing)	31 (2.1%)	6 (1.1%)
<i>Belief in life after death, n (%)</i>		
Yes	985 (66.9%)	315 (63.3%)
No	223 (15.2%)	86 (17.3%)
Unsure	261 (17.7%)	95 (19.1%)
(Missing)	4 (0.2%)	1 (0.3%)
<i>Transformative religious experience, n (%)</i>		
Yes	424 (28.8%)	129 (25.9%)
No	1,027 (69.7%)	362 (72.6%)
(Missing)	22 (1.5%)	7 (1.4%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	284 (19.3%)	110 (22.1%)
About once a day	289 (19.6%)	83 (16.7%)
Sometimes	685 (46.5%)	227 (45.6%)
Never	209 (14.2%)	77 (15.4%)
(Missing)	6 (0.4%)	1 (0.2%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	772 (52.4%)	272 (54.7%)
About once a day	252 (17.1%)	86 (17.3%)
Sometimes	311 (21.1%)	101 (20.2%)
Never	134 (9.1%)	38 (7.6%)
(Missing)	4 (0.3%)	1 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	1,217 (82.6%)	418 (84.0%)
More than one god	14 (1.0%)	6 (1.2%)
An impersonal spiritual force	22 (1.5%)	15 (3.0%)

Table S29b. Weighted summary statistics for exposure and outcome variables in Turkey

Outcome	Wave 1 N = 1,473	Wave 2 N = 498
None of these	138 (9.4%)	38 (7.6%)
Unsure	74 (5.0%)	19 (3.8%)
(Missing)	8 (0.6%)	2 (0.4%)
<i>Religious centrality, n (%)</i>		
Agree	1,057 (71.7%)	346 (69.5%)
Disagree	202 (13.7%)	91 (18.2%)
Not relevant	93 (6.3%)	30 (5.9%)
Unsure	115 (7.8%)	27 (5.4%)
(Missing)	6 (0.4%)	5 (0.9%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,135 (77.1%)	399 (80.0%)
Disagree	148 (10.1%)	49 (9.7%)
Not relevant	87 (5.9%)	24 (4.7%)
Unsure	97 (6.6%)	27 (5.3%)
(Missing)	5 (0.4%)	1 (0.1%)
<i>Feel loved by God, n (%)</i>		
Agree	1,120 (76.1%)	397 (79.7%)
Disagree	116 (7.9%)	45 (9.1%)
Not relevant	82 (5.6%)	22 (4.4%)
Unsure	144 (9.8%)	31 (6.1%)
(Missing)	10 (0.7%)	3 (0.6%)
<i>Feel punished by God, n (%)</i>		
Agree	446 (30.3%)	145 (29.0%)
Disagree	692 (47.0%)	265 (53.2%)
Not relevant	124 (8.4%)	43 (8.7%)
Unsure	197 (13.4%)	41 (8.2%)
(Missing)	14 (1.0%)	4 (0.9%)
<i>Experienced religious criticism, n (%)</i>		
Agree	544 (37.0%)	202 (40.6%)
Disagree	629 (42.7%)	208 (41.8%)
Not relevant	116 (7.9%)	49 (9.8%)
Unsure	178 (12.1%)	35 (7.1%)
(Missing)	6 (0.4%)	3 (0.6%)
<i>Faith-sharing, n (%)</i>		
Agree	881 (59.8%)	305 (61.2%)
Disagree	348 (23.6%)	121 (24.2%)
Not relevant	107 (7.2%)	33 (6.7%)
Unsure	127 (8.6%)	36 (7.3%)
(Missing)	10 (0.7%)	3 (0.6%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S29c. Unweighted summary statistics for demographic and childhood variables in Turkey by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 937	Retained-Observed in Wave 2 N = 512
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	12 (1.3%)	8 (1.6%)
1943-1953 (current age: 70-79 years)	50 (5.4%)	20 (4.0%)
1953-1963 (current age: 60-69 years)	96 (10.3%)	72 (14.1%)
1963-1973 (current age: 50-59 years)	112 (11.9%)	97 (19.0%)
1973-1983 (current age: 40-49 years)	184 (19.6%)	106 (20.7%)
1983-1993 (current age: 30-39 years)	200 (21.4%)	103 (20.2%)
1993-1998 (current age: 25-29 years)	97 (10.4%)	55 (10.8%)
1998-2005 (current age: 18-24 years)	185 (19.8%)	49 (9.5%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	40.8	44.8
Standard Deviation	16.6	15.7
Min, Max	18.0, 93.0	18.0, 82.0
<i>Gender, n (%)</i>		
Male	452 (48.3%)	273 (53.4%)
Female	485 (51.7%)	239 (46.6%)
Other	0 (0%)	0 (0%)
(Missing)	0 (0%)	0 (0%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	267 (28.4%)	100 (19.5%)
Married	565 (60.2%)	364 (71.1%)
Separated	8 (0.9%)	4 (0.7%)
Divorced	35 (3.8%)	23 (4.6%)
Widowed	48 (5.2%)	19 (3.8%)
Domestic partner	0 (0%)	0 (0%)
(Missing)	14 (1.5%)	2 (0.4%)
<i>Education (years), n (%)</i>		
Up to 8	283 (30.2%)	163 (31.8%)
9-15	476 (50.8%)	241 (47.2%)
16+	178 (19.0%)	108 (21.1%)
(Missing)	0 (0%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	241 (25.8%)	156 (30.5%)
Self-employed	164 (17.5%)	79 (15.5%)
Retired	123 (13.1%)	80 (15.6%)
Student	85 (9.1%)	24 (4.8%)
Homemaker	241 (25.7%)	114 (22.3%)
Unemployed and looking for a job	55 (5.8%)	30 (5.9%)
None of these/Other	29 (3.1%)	28 (5.6%)
(Missing)	0 (0%)	0 (0%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	322 (34.3%)	169 (33.1%)
Once a week	179 (19.1%)	90 (17.7%)
One to three times a month	119 (12.7%)	52 (10.2%)
A few times a year	163 (17.4%)	85 (16.6%)
Never	152 (16.2%)	113 (22.0%)
(Missing)	3 (0.3%)	2 (0.4%)
<i>Immigration status, n (%)</i>		

Table S29c. Unweighted summary statistics for demographic and childhood variables in Turkey by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 937	Retained-Observed in Wave 2 N = 512
Born in this country	896 (95.6%)	495 (96.6%)
Born in another country	41 (4.4%)	17 (3.4%)
(Missing)	0 (0%)	0 (0%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	838 (89.4%)	465 (90.9%)
Parents were divorced	42 (4.4%)	16 (3.1%)
Parents were never married	6 (0.7%)	0 (0.1%)
One or both of them had died	33 (3.6%)	26 (5.1%)
Unsure	2 (0.2%)	3 (0.5%)
(Missing)	16 (1.7%)	2 (0.3%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	382 (40.8%)	217 (42.4%)
One to three times a month	157 (16.7%)	76 (14.8%)
Less than once a month	146 (15.6%)	71 (13.8%)
Never	243 (25.9%)	141 (27.6%)
(Missing)	10 (1.1%)	7 (1.4%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	622 (66.4%)	333 (65.0%)
Somewhat good	248 (26.5%)	144 (28.1%)
Somewhat bad	32 (3.4%)	15 (2.9%)
Very bad	16 (1.7%)	11 (2.2%)
(Does not apply)	14 (1.4%)	7 (1.5%)
(Missing)	6 (0.6%)	2 (0.5%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	523 (55.8%)	265 (51.7%)
Somewhat good	264 (28.2%)	150 (29.3%)
Somewhat bad	47 (5.0%)	26 (5.0%)
Very bad	58 (6.2%)	36 (7.1%)
(Does not apply)	36 (3.9%)	21 (4.1%)
(Missing)	9 (1.0%)	14 (2.8%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	106 (11.3%)	49 (9.5%)
No	827 (88.2%)	459 (89.7%)
(Missing)	5 (0.5%)	4 (0.8%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	105 (11.2%)	50 (9.9%)
No	811 (86.5%)	458 (89.5%)
(Missing)	21 (2.2%)	3 (0.6%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	240 (25.6%)	123 (24.0%)
Very good	264 (28.2%)	141 (27.6%)
Good	266 (28.4%)	151 (29.5%)
Fair	136 (14.6%)	80 (15.6%)
Poor	30 (3.3%)	17 (3.3%)
(Missing)	1 (0.1%)	0 (0%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	320 (34.2%)	168 (32.7%)

Table S29c. Unweighted summary statistics for demographic and childhood variables in Turkey by retention status

Characteristic	Attriters-Not Observed in	Retained-Observed in
	Wave 2 N = 937	Wave 2 N = 512
Got by	397 (42.4%)	241 (47.1%)
Found it difficult	150 (16.0%)	64 (12.6%)
Found it very difficult	68 (7.3%)	39 (7.6%)
(Missing)	1 (0.2%)	0 (0%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	0 (0%)	1 (0.2%)
Taoism	0 (0%)	0 (0%)
Confucianism	0 (0%)	0 (0%)
Primal, Animist, or Folk religion	0 (0%)	0 (0%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	917 (97.9%)	500 (97.7%)
Hinduism	0 (0%)	0 (0%)
Buddhism	0 (0%)	0 (0%)
Judaism	1 (0.1%)	0 (0%)
Sikhism	0 (0%)	0 (0%)
Baha'i	0 (0%)	0 (0%)
Jainism	0 (0%)	0 (0%)
Shinto	0 (0%)	0 (0%)
Some other religion	0 (0%)	0 (0%)
No religion/Atheist/Agnostic	8 (0.9%)	5 (0.9%)
(Missing)	11 (1.2%)	6 (1.3%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S29d. Unweighted summary statistics for Wave 1 outcome variables in Turkey by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 937	Wave 2 N = 512
<i>Secure flourishing index</i>		
Mean	6.3	6.4
Standard Deviation	1.9	2.1
Min, Max	0.0, 10.0	0.3, 10.0
(Missing)	17 (1.8%)	13 (2.6%)
<i>Flourishing index</i>		
Mean	6.5	6.7
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.4, 10.0
(Missing)	15 (1.6%)	13 (2.4%)
<i>Happiness & life satisfaction</i>		
Mean	5.3	5.4
Standard Deviation	2.9	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.3%)	4 (0.7%)
<i>Physical & mental health</i>		
Mean	6.5	6.5
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.2%)	0 (0%)
<i>Meaning & purpose</i>		
Mean	6.7	6.7
Standard Deviation	2.6	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.6%)	8 (1.5%)
<i>Character & virtue</i>		
Mean	7.4	7.4
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
<i>Close social relationships</i>		
Mean	6.9	7.2
Standard Deviation	2.7	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.5%)	1 (0.3%)
<i>Financial & material security</i>		
Mean	4.9	5.0
Standard Deviation	3.3	3.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.2%)	1 (0.2%)
<i>Life satisfaction</i>		
Mean	5.2	5.2
Standard Deviation	3.3	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.3%)	3 (0.6%)
<i>Happiness</i>		
Mean	5.4	5.7
Standard Deviation	3.0	2.9
Min, Max	0.0, 10.0	0.0, 10.0
<i>Self-rated physical health</i>		

Table S29d. Unweighted summary statistics for Wave 1 outcome variables in Turkey by retention status.

Outcome	Attrit	NotRetained	Observed in
	Observed in Wave 2	Wave 2	
	N = 937	N = 512	
Mean	6.7	6.7	
Standard Deviation	2.7	2.8	
Min, Max	0.0, 10.0	0.0, 10.0	
(Missing)	2 (0.2%)	0 (0%)	
<i>Self-rated mental health</i>			
Mean	6.2	6.3	
Standard Deviation	3.0	3.0	
Min, Max	0.0, 10.0	0.0, 10.0	
<i>Understanding purpose</i>			
Mean	7.2	7.1	
Standard Deviation	2.9	3.1	
Min, Max	0.0, 10.0	0.0, 10.0	
(Missing)	3 (0.3%)	7 (1.3%)	
<i>Meaningful activities</i>			
Mean	6.1	6.2	
Standard Deviation	3.1	3.1	
Min, Max	0.0, 10.0	0.0, 10.0	
(Missing)	3 (0.3%)	1 (0.1%)	
<i>Orientation to promote good</i>			
Mean	7.6	7.7	
Standard Deviation	2.4	2.3	
Min, Max	0.0, 10.0	0.0, 10.0	
<i>Delayed gratification</i>			
Mean	7.2	7.1	
Standard Deviation	2.5	2.9	
Min, Max	0.0, 10.0	0.0, 10.0	
<i>Relationship contentment</i>			
Mean	7.1	7.5	
Standard Deviation	3.0	2.8	
Min, Max	0.0, 10.0	0.0, 10.0	
<i>Relationship satisfaction</i>			
Mean	6.6	7.0	
Standard Deviation	3.0	2.8	
Min, Max	0.0, 10.0	0.0, 10.0	
(Missing)	5 (0.5%)	1 (0.1%)	
<i>Financial security</i>			
Mean	4.6	4.7	
Standard Deviation	3.5	3.6	
Min, Max	0.0, 10.0	0.0, 10.0	
(Missing)	1 (0.2%)	0 (0%)	
<i>Material security</i>			
Mean	5.2	5.3	
Standard Deviation	3.6	3.6	
Min, Max	0.0, 10.0	0.0, 10.0	
<i>Current life evaluation</i>			
Mean	5.2	5.2	
Standard Deviation	2.7	2.5	
Min, Max	0.0, 10.0	0.0, 10.0	
(Missing)	0 (<0.1%)	2 (0.5%)	

Table S29d. Unweighted summary statistics for Wave 1 outcome variables in Turkey by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 937	Wave 2 N = 512
<i>Future life evaluation</i>		
Mean	6.4	5.9
Standard Deviation	2.9	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	71 (7.6%)	33 (6.4%)
<i>Optimism</i>		
Mean	7.6	7.7
Standard Deviation	2.4	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (0.2%)	4 (0.7%)
<i>Freedom to pursue what's important</i>		
Mean	7.2	7.4
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	0 (0%)	1 (0.3%)
<i>Inner peace, n (%)</i>		
Always	229 (24.4%)	119 (23.2%)
Often	224 (23.9%)	131 (25.6%)
Rarely	405 (43.2%)	210 (41.0%)
Never	74 (7.9%)	50 (9.7%)
(Missing)	5 (0.6%)	3 (0.6%)
<i>Life balance, n (%)</i>		
Always	181 (19.3%)	109 (21.3%)
Often	252 (26.9%)	136 (26.6%)
Rarely	417 (44.4%)	224 (43.8%)
Never	77 (8.2%)	40 (7.7%)
(Missing)	11 (1.1%)	3 (0.5%)
<i>Sense of mastery, n (%)</i>		
Always	400 (42.6%)	224 (43.9%)
Often	281 (30.0%)	156 (30.5%)
Rarely	210 (22.4%)	110 (21.6%)
Never	43 (4.6%)	19 (3.7%)
(Missing)	4 (0.4%)	2 (0.3%)
<i>Traumatic distress, n (%)</i>		
A lot	254 (27.1%)	136 (26.6%)
Some	254 (27.1%)	113 (22.1%)
Not very much	151 (16.1%)	91 (17.8%)
Not at all	275 (29.4%)	166 (32.5%)
(Missing)	3 (0.3%)	5 (1.0%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	421 (45.4%)	197 (38.6%)
	9 (0.9%)	3 (0.6%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	176 (18.7%)	81 (15.8%)
More than half the days	172 (18.3%)	82 (16.0%)
Several days	260 (27.8%)	133 (26.1%)
Not at all	325 (34.7%)	215 (42.0%)
(Missing)	5 (0.5%)	1 (0.2%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	199 (21.2%)	88 (17.2%)

Table S29d. Unweighted summary statistics for Wave 1 outcome variables in Turkey by retention status.

Outcome	Attriters-NotRetained-Observed in	Wave 2
	Observed in Wave 2	N = 512
	N = 937	N = 512
More than half the days	162 (17.3%)	77 (15.1%)
Several days	256 (27.3%)	150 (29.2%)
Not at all	317 (33.8%)	195 (38.1%)
(Missing)	4 (0.4%)	2 (0.4%)
<i>Anxiety symptoms composite, n (%)</i>	393 (42.5%)	213 (41.9%)
(Missing)	11 (1.1%)	2 (0.4%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	222 (23.7%)	117 (22.8%)
More than half the days	166 (17.7%)	78 (15.2%)
Several days	282 (30.1%)	149 (29.1%)
Not at all	262 (28.0%)	168 (32.9%)
(Missing)	5 (0.5%)	0 (0%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	154 (16.5%)	89 (17.5%)
More than half the days	133 (14.2%)	73 (14.3%)
Several days	223 (23.8%)	103 (20.1%)
Not at all	421 (44.9%)	244 (47.7%)
(Missing)	5 (0.6%)	2 (0.4%)
<i>Suffering, n (%)</i>		
A lot	236 (25.2%)	125 (24.4%)
Some	337 (36.0%)	177 (34.7%)
Not very much	212 (22.6%)	111 (21.7%)
Not at all	145 (15.5%)	97 (19.0%)
(Missing)	6 (0.7%)	2 (0.3%)
<i>Social support</i>		
Mean	5.5	5.4
Standard Deviation	3.5	3.5
Min, Max	0.0, 10.0	0.0, 10.0
<i>Intimate/close friend, n (%)</i>		
Yes	722 (77.0%)	404 (78.9%)
No	207 (22.1%)	108 (21.1%)
(Missing)	8 (0.9%)	0 (0%)
<i>Government approval, n (%)</i>		
Strongly approve	185 (19.8%)	92 (18.1%)
Somewhat approve	208 (22.2%)	107 (20.9%)
Neither approve nor disapprove	145 (15.5%)	41 (8.1%)
Somewhat disapprove	103 (11.0%)	52 (10.1%)
Strongly disapprove	277 (29.5%)	204 (39.9%)
(Missing)	19 (2.1%)	15 (2.9%)
<i>Say in government, n (%)</i>		
Agree	293 (31.3%)	125 (24.4%)
Disagree	397 (42.3%)	266 (52.0%)
Unsure	239 (25.5%)	119 (23.3%)
(Missing)	8 (0.9%)	1 (0.2%)
<i>Belonging in country</i>		
Mean	6.8	7.0
Standard Deviation	3.4	3.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.7%)	8 (1.5%)

Table S29d. Unweighted summary statistics for Wave 1 outcome variables in Turkey by retention status.

Outcome	Attritons–NotRetained–Observed in	
	Observed in Wave 2 N = 937	Wave 2 N = 512
<i>City/place satisfaction, n (%)</i>		
Satisfied	583 (62.2%)	345 (67.5%)
Dissatisfied	222 (23.6%)	93 (18.3%)
Unsure	128 (13.7%)	72 (14.1%)
(Missing)	4 (0.4%)	1 (0.2%)
<i>Trust within country, n (%)</i>		
All people	48 (5.1%)	16 (3.2%)
Most people	91 (9.7%)	57 (11.1%)
Some people	213 (22.8%)	97 (18.9%)
Not very many people	296 (31.6%)	207 (40.4%)
None	276 (29.4%)	129 (25.2%)
(Missing)	13 (1.4%)	6 (1.2%)
<i>Number of children</i>		
Mean	1.1	1.0
Standard Deviation	1.4	1.3
Min, Max	0.0, 8.0	0.0, 8.0
(Missing)	0 (<0.1%)	1 (0.2%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	104 (11.1%)	60 (11.7%)
Once a week	98 (10.4%)	37 (7.3%)
One to three times a month	131 (13.9%)	75 (14.7%)
A few times a year	193 (20.6%)	124 (24.2%)
Never	405 (43.2%)	214 (41.8%)
(Missing)	7 (0.7%)	2 (0.3%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	322 (34.3%)	169 (33.1%)
Once a week	179 (19.1%)	90 (17.7%)
One to three times a month	119 (12.7%)	52 (10.2%)
A few times a year	163 (17.4%)	85 (16.6%)
Never	152 (16.2%)	113 (22.0%)
(Missing)	3 (0.3%)	2 (0.4%)
<i>Loneliness</i>		
Mean	4.7	4.4
Standard Deviation	3.5	3.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (0.1%)	7 (1.3%)
<i>Perceived discrimination, n (%)</i>		
Always	122 (13.0%)	77 (15.0%)
Often	136 (14.5%)	80 (15.6%)
Rarely	398 (42.5%)	228 (44.5%)
Never	275 (29.4%)	124 (24.3%)
(Missing)	6 (0.7%)	3 (0.6%)
<i>Hope</i>		
Mean	7.8	7.7
Standard Deviation	2.6	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.6%)	5 (0.9%)
<i>Gratitude</i>		
Mean	7.0	6.9

Table S29d. Unweighted summary statistics for Wave 1 outcome variables in Turkey by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 937	Wave 2 N = 512
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (4.1%)	27 (5.2%)
<i>Showing love/care</i>		
Mean	7.9	7.9
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
<i>Forgivingness, n (%)</i>		
Always	212 (22.6%)	101 (19.7%)
Often	166 (17.7%)	114 (22.3%)
Rarely	332 (35.4%)	168 (32.9%)
Never	219 (23.4%)	126 (24.6%)
(Missing)	9 (1.0%)	3 (0.6%)
<i>Charitable giving, n (%)</i>		
Yes	290 (30.9%)	153 (29.9%)
No	645 (68.8%)	357 (69.8%)
(Missing)	3 (0.3%)	2 (0.3%)
<i>Helping strangers, n (%)</i>		
Yes	552 (58.9%)	310 (60.7%)
No	372 (39.7%)	196 (38.3%)
(Missing)	14 (1.5%)	5 (1.0%)
<i>Volunteering, n (%)</i>		
Yes	121 (12.9%)	88 (17.3%)
No	817 (87.1%)	423 (82.7%)
(Missing)	0 (0%)	0 (0%)
<i>Health problems, n (%)</i>		
Yes	124 (13.2%)	77 (15.1%)
No	799 (85.2%)	432 (84.4%)
(Missing)	14 (1.5%)	3 (0.5%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	242 (25.8%)	112 (22.0%)
Some	272 (29.1%)	143 (27.9%)
Not very much	195 (20.8%)	117 (22.9%)
None at all	224 (23.9%)	139 (27.2%)
(Missing)	4 (0.5%)	1 (0.1%)
<i>Number of drinks per week</i>		
Mean	1.3	0.9
Standard Deviation	5.6	4.3
Min, Max	0.0, 80.0	0.0, 50.0
(Missing)	8 (0.8%)	14 (2.7%)
<i>Days exercise per week</i>		
Mean	2.7	3.0
Standard Deviation	2.7	2.9
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	11 (1.1%)	7 (1.5%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	283 (30.2%)	163 (31.8%)
9-15	476 (50.8%)	241 (47.2%)
16+	178 (19.0%)	108 (21.1%)

Table S29d. Unweighted summary statistics for Wave 1 outcome variables in Turkey by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 937	N = 512
(Missing)	0 (0%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	241 (25.8%)	156 (30.5%)
Self-employed	164 (17.5%)	79 (15.5%)
Retired	123 (13.1%)	80 (15.6%)
Student	85 (9.1%)	24 (4.8%)
Homemaker	241 (25.7%)	114 (22.3%)
Unemployed and looking for a job	55 (5.8%)	30 (5.9%)
None of these/Other	29 (3.1%)	28 (5.6%)
(Missing)	0 (0%)	0 (0%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	121 (12.9%)	66 (12.8%)
Getting by on present income	348 (37.1%)	204 (39.9%)
Finding it difficult on present income	251 (26.7%)	113 (22.1%)
Finding it very difficult on present income	202 (21.6%)	126 (24.7%)
(Missing)	16 (1.7%)	2 (0.5%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	456 (48.7%)	297 (58.0%)
Someone in this household rents this home	299 (31.9%)	134 (26.3%)
Both	41 (4.4%)	18 (3.6%)
Neither	119 (12.7%)	61 (11.9%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	22 (2.4%)	1 (0.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	459 (48.9%)	249 (48.6%)
Often	156 (16.7%)	61 (11.9%)
Rarely	210 (22.4%)	101 (19.7%)
Never	90 (9.6%)	93 (18.1%)
(Missing)	22 (2.4%)	9 (1.7%)
<i>Belief in life after death, n (%)</i>		
Yes	640 (68.2%)	328 (64.2%)
No	122 (13.1%)	99 (19.3%)
Unsure	174 (18.5%)	83 (16.2%)
(Missing)	2 (0.2%)	2 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	281 (30.0%)	136 (26.5%)
No	641 (68.3%)	370 (72.3%)
(Missing)	16 (1.7%)	6 (1.2%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	185 (19.7%)	94 (18.4%)
About once a day	185 (19.8%)	99 (19.3%)
Sometimes	445 (47.5%)	228 (44.6%)
Never	118 (12.6%)	89 (17.5%)
(Missing)	5 (0.5%)	1 (0.3%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	494 (52.7%)	265 (51.8%)
About once a day	175 (18.7%)	72 (14.0%)

Table S29d. Unweighted summary statistics for Wave 1 outcome variables in Turkey by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 937	N = 512
Sometimes	190 (20.3%)	116 (22.7%)
Never	76 (8.1%)	57 (11.2%)
(Missing)	3 (0.3%)	1 (0.3%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	784 (83.6%)	413 (80.7%)
More than one god	10 (1.0%)	5 (0.9%)
An impersonal spiritual force	11 (1.1%)	12 (2.3%)
None of these	75 (8.0%)	61 (12.0%)
Unsure	51 (5.5%)	21 (4.0%)
(Missing)	7 (0.8%)	0 (0.1%)
<i>Religious centrality, n (%)</i>		
Agree	687 (73.3%)	352 (68.7%)
Disagree	116 (12.3%)	84 (16.4%)
Not relevant	58 (6.2%)	34 (6.6%)
Unsure	72 (7.7%)	41 (8.0%)
(Missing)	4 (0.5%)	2 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	740 (78.9%)	376 (73.5%)
Disagree	70 (7.5%)	77 (15.0%)
Not relevant	55 (5.9%)	30 (6.0%)
Unsure	68 (7.3%)	27 (5.3%)
(Missing)	4 (0.4%)	1 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	739 (78.8%)	362 (70.7%)
Disagree	54 (5.8%)	61 (11.9%)
Not relevant	49 (5.2%)	32 (6.3%)
Unsure	87 (9.3%)	55 (10.8%)
(Missing)	8 (0.9%)	1 (0.2%)
<i>Feel punished by God, n (%)</i>		
Agree	286 (30.5%)	152 (29.8%)
Disagree	419 (44.7%)	263 (51.4%)
Not relevant	85 (9.1%)	36 (7.1%)
Unsure	135 (14.4%)	58 (11.4%)
(Missing)	12 (1.3%)	2 (0.4%)
<i>Experienced religious criticism, n (%)</i>		
Agree	342 (36.5%)	194 (37.9%)
Disagree	399 (42.6%)	219 (42.9%)
Not relevant	75 (8.0%)	39 (7.6%)
Unsure	116 (12.4%)	59 (11.5%)
(Missing)	5 (0.5%)	1 (0.2%)
<i>Faith-sharing, n (%)</i>		
Agree	559 (59.6%)	308 (60.2%)
Disagree	212 (22.7%)	130 (25.5%)
Not relevant	70 (7.5%)	34 (6.7%)
Unsure	87 (9.3%)	38 (7.3%)
(Missing)	9 (0.9%)	1 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S29e. Summary of fitted attrition model in Turkey

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	1.06	0.81, 1.39	0.684
Recruitment Survey Mode			
<i>CATI</i>	—	—	
<i>CAPI</i>	0.20	0.12, 0.31	7.88e-12
Happiness & life satisfaction	1.25	1.0, 1.56	0.056
Physical & mental health	0.89	0.71, 1.10	0.266
Meaning & purpose	0.93	0.75, 1.16	0.518
Character & virtue	0.93	0.78, 1.12	0.464
Close social relationships	1.21	1.01, 1.46	0.042
Financial & material security	0.95	0.80, 1.14	0.575
Extraversion	1.03	0.88, 1.21	0.680
Openness to experience	1.07	0.91, 1.25	0.422
Agreeableness	0.90	0.76, 1.06	0.217
Conscientiousness	0.93	0.79, 1.09	0.386
Neuroticism	1.17	0.98, 1.39	0.078
Depression symptoms composite	0.85	0.70, 1.04	0.107
Anxiety symptoms composite	1.19	0.98, 1.45	0.072
Loneliness	1.01	0.84, 1.22	0.892
Days exercise per week	1.15	0.98, 1.35	0.081
Year of birth (age group)			
<i>1983-1993 (current age: 30-39 years)</i>	—	—	
<i>1973-1983 (current age: 40-49 years)</i>	1.02	0.68, 1.53	0.932
<i>1998-2005 (current age: 18-24 years)</i>	0.52	0.27, 0.99	0.046
<i>1963-1973 (current age: 50-59 years)</i>	1.82	1.09, 3.05	0.022
<i>1993-1998 (current age: 25-29 years)</i>	1.12	0.65, 1.93	0.689
<i>1953-1963 (current age: 60-69 years)</i>	1.46	0.70, 3.03	0.309
<i>1943-1953 (current age: 70-79 years)</i>	0.67	0.21, 2.17	0.507
<i>1943 or earlier (current age: 80+ years)</i>	2.11	0.38, 11.7	0.394
Gender of respondent			
<i>Male</i>	—	—	
<i>Female</i>	0.80	0.55, 1.17	0.251
Marital status			
<i>Married</i>	—	—	
<i>Single/Never been married</i>	0.77	0.51, 1.16	0.208
<i>Divorced</i>	1.04	0.54, 2.01	0.899
<i>Widowed</i>	0.58	0.23, 1.48	0.256
<i>Separated</i>	0.62	0.15, 2.52	0.501
Employment status			
<i>Employed for an employer</i>	—	—	
<i>Self-employed</i>	0.61	0.40, 0.93	0.020
<i>Homemaker</i>	0.75	0.44, 1.29	0.301
<i>Retired</i>	0.76	0.42, 1.40	0.385
<i>Student</i>	0.95	0.46, 1.95	0.885
<i>Unemployed and looking for a job</i>	1.10	0.62, 1.98	0.741
<i>None of these/Other</i>	1.67	0.80, 3.51	0.172
Religious attendance			
<i>More than once a week</i>	—	—	
<i>Never</i>	1.53	1.00, 2.34	0.051
<i>A few times a year</i>	1.34	0.83, 2.15	0.232
<i>Once a week</i>	1.03	0.66, 1.61	0.893
<i>One to three times a month</i>	1.14	0.67, 1.93	0.633
Educational attainment (16+ years)			

Table S29e. Summary of fitted attrition model in Turkey

Characteristic	Odds Ratio	95% CI	p-value
<i>9-15</i>	—	—	
<i>16+</i>	1.01	0.71, 1.44	0.955
<i>Up to 8</i>	0.93	0.59, 1.49	0.776
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.82	0.33, 2.04	0.675
Urbanicity			
<i>A large city</i>	—	—	
<i>A small town or village</i>	1.28	0.89, 1.85	0.186
<i>A suburb of a large city</i>	0.82	0.52, 1.29	0.389
<i>A rural area or on a farm</i>	0.80	0.42, 1.53	0.504
Monthly household income			
<i>Turkey: More than 12,000 TL</i>	—	—	
<i>Turkey: 10,001 - 12,000 TL</i>	1.36	0.88, 2.10	0.172
<i>Turkey: 8,001 - 10,000 TL</i>	0.73	0.38, 1.42	0.354
<i>Turkey: 6,001 - 8,000 TL</i>	1.15	0.60, 2.19	0.672
<i>(None/No household income)</i>	0.41	0.16, 1.06	0.065
<i>Turkey: 5,001 - 6,000 TL</i>	0.45	0.17, 1.22	0.118
<i>Turkey: 4,501 - 5,000 TL</i>	0.63	0.17, 2.31	0.489
<i>Turkey: 1,001 - 1,500 TL</i>	1.91	0.61, 5.93	0.265
<i>Turkey: 4,001 - 4,500 TL</i>	0.57	0.10, 3.27	0.529
<i>Turkey: 3,001 - 3,500 TL</i>	2.37	0.60, 9.32	0.218
<i>Turkey: 101 - 500 TL</i>	0.38	0.04, 3.39	0.387
<i>Turkey: 3,501 - 4,000 TL</i>	1.29	0.24, 7.02	0.770
<i>Turkey: 100 TL or less</i>	1.82	0.32, 10.5	0.502
<i>Turkey: 2,001 - 2,500 TL</i>	0.09	0.01, 0.99	0.049
<i>Turkey: 1,501 - 2,000 TL</i>	0.21	0.02, 1.99	0.176
<i>Turkey: 2,501 - 3,000 TL</i>	0.60	0.04, 9.34	0.715
<i>Turkey: 501 - 1,000 TL</i>	1.78	0.25, 12.8	0.566

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=1473; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S29f. Summary of principal components in Turkey

PC	Percent Explained by each PC	Cumulative Percent Explained
1	27.75	27.75
2	6.95	34.71
3	3.28	37.99
4	2.51	40.51
5	2.23	42.74
6	2.11	44.84
7	1.87	46.71
8	1.66	48.37
9	1.54	49.91
10	1.50	51.41
11	1.46	52.87
12	1.37	54.24
13	1.35	55.59
14	1.28	56.87
15	1.27	58.14
16	1.25	59.40
17	1.21	60.60
18	1.15	61.76
19	1.13	62.89
20	1.10	63.99

Notes. N=1473; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S29g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in Turkey

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.67	(0.61,0.74)	0.03	2.22e-16***	0.54	(0.44,0.64)	0.05	2.22e-16***
Flourishing index	0.64	(0.58,0.71)	0.03	2.22e-16***	0.44	(0.34,0.53)	0.05	7.78e-14***
Happiness & life satisfaction	0.50	(0.43,0.57)	0.04	2.22e-16***	0.15	(0.07,0.24)	0.04	3.06e-04***
Physical & mental health	0.45	(0.37,0.53)	0.04	2.22e-16***	0.11	(0.02,0.21)	0.05	0.019*
Meaning & purpose	0.55	(0.49,0.62)	0.03	2.22e-16***	0.26	(0.18,0.35)	0.04	7.37e-10***
Character & virtue	0.40	(0.33,0.48)	0.04	2.22e-16***	0.19	(0.12,0.26)	0.04	1.59e-07***
Close social relationships	0.39	(0.32,0.46)	0.04	2.22e-16***	0.10	(0.02,0.18)	0.04	0.012*
Financial & material security	0.46	(0.39,0.52)	0.03	2.22e-16***	0.17	(0.10,0.23)	0.03	2.75e-06***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.47	(0.39,0.54)	0.04	2.22e-16***	0.10	(0.02,0.18)	0.04	0.018*
Happiness (a)	0.46	(0.39,0.53)	0.04	2.22e-16***	0.11	(0.03,0.19)	0.04	0.010*
Self-rated physical health (b)	0.35	(0.27,0.44)	0.04	4.11e-14***	0.10	(0.02,0.18)	0.04	0.022*
Self-rated mental health (b)	0.42	(0.35,0.49)	0.04	2.22e-16***	0.05	(-0.03,0.14)	0.04	0.232
Understanding purpose (c)	0.46	(0.39,0.53)	0.04	2.22e-16***	0.19	(0.11,0.26)	0.04	1.09e-06***
Meaningful activities (c)	0.48	(0.41,0.56)	0.04	2.22e-16***	0.18	(0.10,0.26)	0.04	3.22e-05***
Orientation to promote good (d)	0.43	(0.37,0.50)	0.03	2.22e-16***	0.23	(0.17,0.30)	0.03	3.46e-10***
Delayed gratification (d)	0.27	(0.19,0.35)	0.04	2.84e-10***	0.08	(0.01,0.15)	0.04	0.033*
Relationship contentment (e)	0.31	(0.23,0.38)	0.04	3.11e-15***	0.04	(-0.04,0.11)	0.04	0.338
Relationship satisfaction (e)	0.40	(0.32,0.47)	0.04	2.22e-16***	0.12	(0.04,0.20)	0.04	0.006*
Financial security (f)	0.44	(0.37,0.51)	0.04	2.22e-16***	0.16	(0.09,0.23)	0.03	5.69e-06***
Material security (f)	0.38	(0.32,0.45)	0.03	2.22e-16***	0.08	(0.01,0.15)	0.03	0.021*
<i>Psychological Well-Being</i>								
Current life evaluation	0.31	(0.22,0.39)	0.04	1.83e-12***	-0.01	(-0.09,0.07)	0.04	0.808
Future life evaluation	0.34	(0.26,0.42)	0.04	4.11e-15***	0.06	(-0.03,0.14)	0.04	0.178
Optimism	0.26	(0.19,0.32)	0.03	2.31e-14***	0.05	(-0.02,0.11)	0.03	0.149
Freedom to pursue what's important	0.34	(0.27,0.42)	0.04	2.22e-16***	0.06	(-0.02,0.13)	0.04	0.126
Inner peace	0.31	(0.24,0.38)	0.03	2.22e-16***	0.04	(-0.03,0.10)	0.03	0.244
Life balance	0.33	(0.26,0.40)	0.03	2.22e-16***	0.08	(0.02,0.15)	0.03	0.017*
Sense of mastery	0.20	(0.13,0.27)	0.04	9.71e-08***	0.08	(0.02,0.14)	0.03	0.008*
<i>Psychological Distress</i>								
Traumatic distress	-0.12	(-0.18,-0.05)	0.03	6.67e-04**	-0.01	(-0.06,0.04)	0.03	0.701
Depression symptoms composite	-0.25	(-0.32,-0.18)	0.04	5.97e-11***	-0.01	(-0.08,0.05)	0.03	0.729
Depression – feel hopeless	-0.30	(-0.38,-0.23)	0.04	5.1e-13***	-0.10	(-0.18,-0.02)	0.04	0.013*
Depression – loss of interest	-0.12	(-0.19,-0.05)	0.04	1.61e-03**	0.09	(0.02,0.15)	0.03	0.013*
Anxiety symptoms composite	-0.29	(-0.36,-0.22)	0.04	1.78e-15***	-0.09	(-0.15,-0.02)	0.03	0.014*
Anxiety – feel on edge	-0.25	(-0.32,-0.18)	0.03	7.93e-13***	-0.06	(-0.13,0.01)	0.03	0.088
Anxiety – cannot stop worrying	-0.23	(-0.30,-0.16)	0.04	1.48e-09***	-0.04	(-0.11,0.03)	0.04	0.273
Suffering	-0.23	(-0.29,-0.16)	0.03	3.41e-10***	0.01	(-0.05,0.07)	0.03	0.739
<i>Social Well-Being</i>								
Social support	0.30	(0.23,0.37)	0.04	2.22e-16***	0.08	(0.01,0.14)	0.03	0.023*
Intimate/close friend	0.13	(0.06,0.20)	0.03	1.4e-04***	0.01	(-0.05,0.06)	0.03	0.834
Government approval	0.25	(0.18,0.32)	0.04	1.33e-10***	0.04	(-0.02,0.10)	0.03	0.200
Say in government	0.14	(0.06,0.21)	0.04	2.83e-04***	-0.03	(-0.09,0.03)	0.03	0.287
Belonging in country	0.30	(0.23,0.37)	0.03	2.22e-16***	0.01	(-0.05,0.08)	0.03	0.690
City/place satisfaction	0.21	(0.15,0.28)	0.03	3.25e-10***	-0.00	(-0.06,0.05)	0.03	0.936
Trust within country	0.18	(0.10,0.25)	0.04	3.67e-06***	0.00	(-0.07,0.07)	0.03	0.976
<i>Social Participation</i>								
Ever been married	0.02	(-0.21,0.25)	0.12	0.848	0.04	(-0.15,0.22)	0.09	0.703
Currently divorced	-0.02	(-0.10,0.05)	0.04	0.561	-0.02	(-0.07,0.04)	0.03	0.541
Number of children	-0.10	(-0.18,-0.01)	0.04	0.023*	-0.05	(-0.12,0.01)	0.03	0.120
Weekly+ community participation	-0.01	(-0.08,0.05)	0.03	0.730	-0.06	(-0.11,-0.01)	0.03	0.031*
Weekly+ religious attendance	0.14	(0.06,0.21)	0.04	3.66e-04***	-0.01	(-0.07,0.06)	0.03	0.797
<i>Social Distress</i>								
Loneliness	-0.37	(-0.45,-0.30)	0.04	2.22e-16***	-0.07	(-0.15,0.01)	0.04	0.091
Perceived discrimination	-0.13	(-0.20,-0.06)	0.03	2.48e-04***	-0.02	(-0.08,0.03)	0.03	0.364
<i>Character & Prosocial Behavior</i>								
Hope	0.43	(0.35,0.50)	0.04	2.22e-16***	0.16	(0.08,0.24)	0.04	1.45e-04***
Gratitude	0.16	(0.08,0.24)	0.04	5.88e-05***	-0.05	(-0.12,0.02)	0.04	0.164
Showing love/care	0.22	(0.13,0.30)	0.04	6.44e-07***	0.04	(-0.04,0.11)	0.04	0.337
Forgivingness	0.12	(0.05,0.19)	0.04	8.2e-04**	0.11	(0.05,0.17)	0.03	4.53e-04***
Charitable giving	0.09	(0.02,0.16)	0.04	0.017*	0.01	(-0.04,0.07)	0.03	0.638
Helping strangers	0.10	(0.03,0.17)	0.04	0.005*	0.06	(0.00,0.12)	0.03	0.044*
Volunteering	0.02	(-0.05,0.09)	0.03	0.536	-0.02	(-0.08,0.04)	0.03	0.551
<i>Physical Health & Health Behavior</i>								
Health problems	-0.09	(-0.17,-0.01)	0.04	0.038*	-0.02	(-0.09,0.06)	0.04	0.679
Pain in past 4 weeks	-0.22	(-0.29,-0.15)	0.03	1.9e-09***	-0.02	(-0.08,0.04)	0.03	0.448
Daily smoker	-0.07	(-0.14,0.01)	0.04	0.070	0.02	(-0.03,0.07)	0.03	0.454
Number of drinks per week	-0.10	(-0.15,-0.06)	0.02	5.08e-05***	-0.09	(-0.13,-0.05)	0.02	1.41e-04***
Days exercise per week	0.05	(-0.02,0.13)	0.04	0.183	-0.02	(-0.09,0.04)	0.03	0.446
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.08	(0.03,0.14)	0.03	3.74e-03**	0.09	(0.03,0.15)	0.03	2.26e-03**
Currently employed	0.07	(-0.01,0.14)	0.04	0.089	0.03	(-0.03,0.09)	0.03	0.288
Financially comfortable/getting by	0.27	(0.20,0.34)	0.03	2.16e-14***	0.03	(-0.03,0.09)	0.03	0.274
Own home	0.02	(-0.05,0.08)	0.03	0.606	-0.07	(-0.13,-0.01)	0.03	0.017*
Income – top quintile	0.07	(0.00,0.14)	0.03	0.042*	0.01	(-0.04,0.07)	0.03	0.576
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.18	(0.10,0.26)	0.04	1.5e-05***	0.09	(0.01,0.17)	0.04	0.025*
Belief in life after death	0.12	(0.04,0.19)	0.04	3.05e-03**	0.03	(-0.03,0.10)	0.03	0.321
Transformative religious experience	0.07	(0.01,0.14)	0.03	0.033*	0.03	(-0.03,0.08)	0.03	0.380
Religious reading or listening	0.07	(-0.00,0.14)	0.04	0.060	-0.00	(-0.06,0.06)	0.03	0.956
Prayer or meditation	0.12	(0.05,0.19)	0.04	1.22e-03**	0.09	(0.03,0.15)	0.03	4.36e-03**
Belief in God/gods/spiritual forces	0.13	(0.06,0.20)	0.04	2.88e-04***	0.08	(0.01,0.15)	0.03	0.021*
Religious centrality	0.14	(0.06,0.21)	0.04	3.24e-04***	0.02	(-0.06,0.09)	0.04	0.665
Religious/spiritual comfort	0.09	(0.01,0.17)	0.04	0.026*	-0.02	(-0.09,0.06)	0.04	0.697
Feel loved by God	0.10	(0.02,0.18)	0.04	0.012*	0.03	(-0.05,0.12)	0.04	0.431
Feel punished by God	-0.01	(-0.08,0.06)	0.04	0.744	0.01	(-0.04,0.07)	0.03	0.626
Experienced religious criticism	-0.03	(-0.10,0.03)	0.04	0.324	0.01	(-0.05,0.06)	0.03	0.763
Faith-sharing	0.10	(0.03,0.17)	0.04	0.005*	0.05	(-0.01,0.11)	0.03	0.128

Notes. N=1473; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S29h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in Turkey using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.66	(0.57,0.75)	0.04	2.22e-16***	0.46	(0.32,0.60)	0.07	1.22e-10***
Flourishing index	0.65	(0.57,0.73)	0.04	2.22e-16***	0.43	(0.31,0.56)	0.06	1.14e-11***
Happiness & life satisfaction	0.50	(0.41,0.58)	0.04	2.22e-16***	0.15	(0.04,0.25)	0.06	0.009*
Physical & mental health	0.49	(0.38,0.59)	0.05	2.22e-16***	0.15	(0.02,0.27)	0.07	0.028*
Meaning & purpose	0.53	(0.42,0.63)	0.05	2.22e-16***	0.19	(0.06,0.32)	0.06	3.87e-03**
Character & virtue	0.42	(0.32,0.52)	0.05	1.55e-15***	0.21	(0.12,0.31)	0.05	1.2e-05***
Close social relationships	0.43	(0.34,0.53)	0.05	2.22e-16***	0.12	(0.00,0.23)	0.06	0.046*
Financial & material security	0.41	(0.31,0.50)	0.05	2.22e-16***	0.05	(-0.04,0.14)	0.05	0.307
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.45	(0.36,0.54)	0.05	2.22e-16***	0.07	(-0.04,0.17)	0.05	0.201
Happiness (a)	0.48	(0.39,0.56)	0.04	2.22e-16***	0.14	(0.03,0.25)	0.05	0.010*
Self-rated physical health (b)	0.40	(0.29,0.50)	0.05	9.79e-13***	0.15	(0.04,0.26)	0.06	0.009*
Self-rated mental health (b)	0.43	(0.33,0.54)	0.05	1.33e-15***	0.03	(-0.09,0.15)	0.06	0.607
Understanding purpose (c)	0.46	(0.36,0.56)	0.05	2.22e-16***	0.12	(0.02,0.22)	0.05	0.023*
Meaningful activities (c)	0.46	(0.35,0.57)	0.05	5.55e-16***	0.14	(0.03,0.26)	0.06	0.018*
Orientation to promote good (d)	0.44	(0.35,0.54)	0.05	2.22e-16***	0.25	(0.16,0.35)	0.05	1.33e-07***
Delayed gratification (d)	0.29	(0.17,0.41)	0.06	4.08e-06***	0.09	(-0.01,0.20)	0.05	0.083
Relationship contentment (e)	0.38	(0.28,0.48)	0.05	1.43e-12***	0.05	(-0.06,0.16)	0.06	0.353
Relationship satisfaction (e)	0.43	(0.33,0.52)	0.05	2.22e-16***	0.09	(-0.01,0.20)	0.05	0.082
Financial security (f)	0.40	(0.31,0.50)	0.05	1.11e-15***	0.05	(-0.04,0.15)	0.05	0.278
Material security (f)	0.34	(0.24,0.44)	0.05	1.57e-11***	0.01	(-0.08,0.10)	0.05	0.871
<i>Psychological Well-Being</i>								
Current life evaluation	0.30	(0.20,0.40)	0.05	2.86e-08***	-0.03	(-0.12,0.06)	0.05	0.538
Future life evaluation	0.37	(0.24,0.50)	0.06	2.52e-08***	0.05	(-0.07,0.16)	0.06	0.452
Optimism	0.30	(0.19,0.40)	0.05	3.54e-08***	0.04	(-0.06,0.13)	0.05	0.429
Freedom to pursue what's important	0.35	(0.24,0.45)	0.05	1.45e-10***	0.07	(-0.02,0.16)	0.05	0.152
Inner peace	0.36	(0.27,0.45)	0.05	2.86e-14***	0.09	(-0.00,0.18)	0.05	0.059
Life balance	0.34	(0.25,0.43)	0.05	7.37e-13***	0.07	(-0.02,0.16)	0.04	0.115
Sense of mastery	0.12	(0.03,0.21)	0.05	0.013*	0.05	(-0.02,0.13)	0.04	0.179
<i>Psychological Distress</i>								
Traumatic distress	-0.15	(-0.25,-0.06)	0.05	2.06e-03**	-0.01	(-0.09,0.07)	0.04	0.789
Depression symptoms composite	-0.22	(-0.33,-0.12)	0.05	3.77e-05***	0.02	(-0.08,0.12)	0.05	0.699
Depression – feel hopeless	-0.24	(-0.35,-0.14)	0.05	3.9e-06***	-0.04	(-0.15,0.06)	0.05	0.429
Depression – loss of interest	-0.17	(-0.27,-0.07)	0.05	7.69e-04**	0.04	(-0.04,0.12)	0.04	0.309
Anxiety symptoms composite	-0.24	(-0.35,-0.14)	0.05	1.11e-05***	-0.00	(-0.10,0.09)	0.05	0.921
Anxiety – feel on edge	-0.20	(-0.30,-0.10)	0.05	8.22e-05***	0.02	(-0.07,0.11)	0.05	0.703
Anxiety – cannot stop worrying	-0.22	(-0.32,-0.11)	0.05	8.8e-05***	-0.00	(-0.10,0.10)	0.05	0.944
Suffering	-0.30	(-0.39,-0.21)	0.04	9.52e-11***	-0.06	(-0.14,0.03)	0.04	0.213
<i>Social Well-Being</i>								
Social support	0.34	(0.25,0.44)	0.05	7.46e-12***	0.09	(0.00,0.18)	0.04	0.041*
Intimate/close friend	0.18	(0.09,0.28)	0.05	2.09e-04***	0.05	(-0.03,0.12)	0.04	0.203
Government approval	0.27	(0.17,0.38)	0.05	2.2e-07***	0.05	(-0.03,0.14)	0.04	0.236
Say in government	0.09	(-0.00,0.19)	0.05	0.053	0.01	(-0.06,0.08)	0.04	0.769
Belonging in country	0.34	(0.25,0.43)	0.05	1.22e-12***	-0.01	(-0.11,0.08)	0.05	0.777
City/place satisfaction	0.28	(0.18,0.37)	0.05	7.14e-09***	0.05	(-0.02,0.13)	0.04	0.174
Trust within country	0.19	(0.09,0.29)	0.05	1.31e-04***	0.04	(-0.05,0.12)	0.04	0.382
<i>Social Participation</i>								
Ever been married	-0.48	(-0.84,-0.12)	0.18	0.009*	-0.39	(-0.62,-0.16)	0.12	9.68e-04**
Currently divorced	0.05	(-0.06,0.16)	0.05	0.378	0.01	(-0.06,0.08)	0.04	0.816
Number of children	-0.10	(-0.22,0.01)	0.06	0.065	-0.07	(-0.14,0.01)	0.04	0.074
Weekly+ community participation	0.03	(-0.06,0.12)	0.04	0.507	-0.07	(-0.14,-0.00)	0.03	0.042*
Weekly+ religious attendance	0.25	(0.16,0.35)	0.05	5.68e-07***	0.05	(-0.05,0.14)	0.05	0.328
<i>Social Distress</i>								
Loneliness	-0.41	(-0.51,-0.30)	0.05	8.64e-14***	-0.11	(-0.22,-0.00)	0.06	0.044*
Perceived discrimination	-0.20	(-0.30,-0.11)	0.05	3.25e-05***	-0.05	(-0.12,0.03)	0.04	0.206
<i>Character & Prosocial Behavior</i>								
Hope	0.43	(0.34,0.52)	0.05	2.22e-16***	0.12	(0.01,0.23)	0.05	0.027*
Gratitude	0.19	(0.09,0.30)	0.05	4.05e-04***	-0.03	(-0.12,0.06)	0.05	0.566
Showing love/care	0.24	(0.12,0.35)	0.06	5.28e-05***	0.01	(-0.09,0.10)	0.05	0.906
Forgivingness	0.12	(0.03,0.21)	0.05	0.011*	0.12	(0.04,0.20)	0.04	3.65e-03**
Charitable giving	0.08	(-0.03,0.18)	0.05	0.142	-0.02	(-0.09,0.05)	0.04	0.580
Helping strangers	0.12	(0.02,0.22)	0.05	0.018*	0.05	(-0.03,0.12)	0.04	0.235
Volunteering	0.02	(-0.07,0.11)	0.05	0.655	-0.04	(-0.10,0.03)	0.03	0.263
<i>Physical Health & Health Behavior</i>								
Health problems	-0.21	(-0.33,-0.09)	0.06	7.53e-04**	-0.09	(-0.19,0.02)	0.05	0.097
Pain in past 4 weeks	-0.20	(-0.30,-0.10)	0.05	9.67e-05***	-0.00	(-0.08,0.08)	0.04	0.947
Daily smoker	-0.04	(-0.15,0.07)	0.06	0.505	0.02	(-0.06,0.10)	0.04	0.544
Number of drinks per week	-0.06	(-0.11,-0.01)	0.03	0.012*	-0.06	(-0.11,-0.01)	0.02	0.014*
Days exercise per week	0.08	(-0.02,0.19)	0.05	0.105	0.05	(-0.03,0.13)	0.04	0.203
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.21	(0.13,0.29)	0.04	7.27e-07***	0.13	(0.07,0.20)	0.03	1.24e-04***
Currently employed	0.01	(-0.09,0.11)	0.05	0.834	0.09	(0.01,0.17)	0.04	0.023*
Financially comfortable/getting by	0.27	(0.17,0.38)	0.05	4.74e-07***	0.02	(-0.07,0.11)	0.05	0.606
Own home	0.08	(-0.01,0.17)	0.04	0.069	-0.02	(-0.10,0.05)	0.04	0.583
Income – top quintile	0.07	(-0.06,0.20)	0.07	0.316	0.04	(-0.04,0.12)	0.04	0.324
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.04	(-0.08,0.16)	0.06	0.545	-0.01	(-0.11,0.09)	0.05	0.874
Belief in life after death	0.17	(0.07,0.28)	0.05	1.11e-03**	0.08	(-0.01,0.17)	0.05	0.088
Transformative religious experience	0.03	(-0.07,0.12)	0.05	0.551	0.01	(-0.05,0.08)	0.03	0.680
Religious reading or listening	0.05	(-0.05,0.16)	0.05	0.315	0.01	(-0.08,0.11)	0.05	0.797
Prayer or meditation	0.09	(-0.03,0.21)	0.06	0.135	0.06	(-0.03,0.15)	0.05	0.195
Belief in God/gods/spiritual forces	0.11	(0.00,0.22)	0.05	0.046*	0.05	(-0.04,0.14)	0.04	0.278
Religious centrality	0.18	(0.05,0.30)	0.06	4.87e-03**	0.05	(-0.05,0.15)	0.05	0.346
Religious/spiritual comfort	0.04	(-0.08,0.16)	0.06	0.519	-0.04	(-0.13,0.05)	0.05	0.333
Feel loved by God	0.05	(-0.07,0.18)	0.06	0.395	-0.00	(-0.11,0.10)	0.05	0.932
Feel punished by God	-0.05	(-0.15,0.05)	0.05	0.308	-0.01	(-0.09,0.06)	0.04	0.741
Experienced religious criticism	-0.05	(-0.15,0.04)	0.05	0.293	0.02	(-0.05,0.10)	0.04	0.510
Faith-sharing	0.04	(-0.07,0.14)	0.05	0.462	0.02	(-0.06,0.10)	0.04	0.675

Notes. N=500; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S29i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in Turkey

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.07	1.98	1.88	1.75	2.01	1.90	1.75	1.57
Flourishing index	2.04	1.95	1.75	1.62	2.01	1.90	1.73	1.57
Happiness & life satisfaction	1.61	1.55	1.28	1.18	1.62	1.54	1.27	1.12
Physical & mental health	1.63	1.55	1.25	1.09	1.66	1.55	1.29	1.08
Meaning & purpose	1.71	1.64	1.42	1.33	1.68	1.57	1.33	1.17
Character & virtue	1.65	1.57	1.39	1.29	1.66	1.54	1.41	1.28
Close social relationships	1.55	1.47	1.23	1.10	1.58	1.48	1.24	1.03
Financial & material security	1.52	1.47	1.27	1.20	1.48	1.40	1.13	1.00
Individual Flourishing Index Items								
Life satisfaction	1.54	1.48	1.20	1.08	1.53	1.45	1.16	1.00
Happiness	1.57	1.50	1.22	1.10	1.60	1.52	1.26	1.12
Self-rated physical health	1.50	1.41	1.22	1.08	1.54	1.44	1.28	1.13
Self-rated mental health	1.53	1.46	1.14	1.00	1.53	1.44	1.11	1.00
Understanding purpose	1.57	1.50	1.31	1.23	1.55	1.46	1.23	1.08
Meaningful activities	1.57	1.51	1.29	1.20	1.56	1.47	1.26	1.10
Orientation to promote good	1.64	1.57	1.41	1.33	1.64	1.54	1.43	1.32
Delayed gratification	1.42	1.33	1.20	1.05	1.43	1.30	1.21	1.00
Relationship contentment	1.43	1.36	1.12	1.00	1.51	1.41	1.15	1.00
Relationship satisfaction	1.52	1.44	1.23	1.12	1.56	1.47	1.21	1.00
Financial security	1.49	1.43	1.25	1.18	1.46	1.38	1.13	1.00
Material security	1.44	1.38	1.16	1.06	1.40	1.32	1.05	1.00
Psychological Well-Being								
Current life evaluation	1.47	1.38	1.06	1.00	1.49	1.37	1.12	1.00
Future life evaluation	1.46	1.38	1.15	1.00	1.48	1.36	1.13	1.00
Optimism	1.43	1.35	1.15	1.00	1.45	1.34	1.13	1.00
Freedom to pursue what's important	1.46	1.39	1.15	1.00	1.45	1.35	1.16	1.00
Inner peace	2.92	2.50	1.35	1.00	3.24	2.64	1.62	1.00
Life balance	3.05	2.62	1.60	1.21	3.09	2.51	1.53	1.00
Sense of mastery	2.40	1.94	1.65	1.27	1.85	1.29	1.45	1.00
Psychological Distress								
Traumatic distress	1.77	1.42	1.16	1.00	1.98	1.46	1.16	1.00
Depression symptoms composite	2.54	2.12	1.17	1.00	2.40	1.80	1.23	1.00
Depression – feel hopeless	2.96	2.46	1.73	1.27	2.62	1.98	1.40	1.00
Depression – loss of interest	1.81	1.40	1.63	1.24	2.12	1.56	1.39	1.00
Anxiety symptoms composite	2.80	2.37	1.61	1.22	2.51	1.89	1.10	1.00
Anxiety – feel on edge	2.55	2.15	1.47	1.00	2.27	1.71	1.22	1.00
Anxiety – cannot stop worrying	2.52	2.07	1.37	1.00	2.41	1.78	1.09	1.00
Suffering	2.41	2.02	1.16	1.00	2.86	2.31	1.45	1.00
Social Well-Being								
Social support	1.38	1.32	1.16	1.06	1.41	1.33	1.18	1.03
Intimate/close friend	1.99	1.57	1.13	1.00	2.30	1.69	1.46	1.00
Government approval	2.55	2.12	1.37	1.00	2.71	2.10	1.44	1.00
Say in government	1.96	1.53	1.34	1.00	1.74	1.00	1.18	1.00
Belonging in country	1.39	1.33	1.06	1.00	1.42	1.34	1.06	1.00
City/place satisfaction	2.37	1.99	1.07	1.00	2.76	2.19	1.45	1.00
Trust within country	2.14	1.73	1.05	1.00	2.24	1.69	1.36	1.00
Social Participation								
Ever been married	1.27	1.00	1.37	1.00	4.90	1.90	3.96	2.15
Currently divorced	1.45	1.00	1.38	1.00	1.85	1.00	1.25	1.00
Number of children	1.34	1.11	1.23	1.00	1.36	1.00	1.27	1.00
Weekly+ community participation	1.19	1.00	1.53	1.13	1.35	1.00	1.63	1.09
Weekly+ religious attendance	1.88	1.48	1.14	1.00	2.55	1.99	1.39	1.00
Social Distress								
Loneliness	1.44	1.38	1.16	1.00	1.46	1.38	1.20	1.03
Perceived discrimination	1.91	1.51	1.28	1.00	2.35	1.78	1.43	1.00
Character & Prosocial Behavior								
Hope	1.58	1.50	1.29	1.19	1.56	1.47	1.24	1.07
Gratitude	1.30	1.20	1.15	1.00	1.33	1.20	1.10	1.00
Showing love/care	1.37	1.27	1.13	1.00	1.40	1.26	1.05	1.00
Forgivingness	1.81	1.43	1.77	1.43	1.81	1.29	1.79	1.36
Charitable giving	1.67	1.22	1.20	1.00	1.62	1.00	1.26	1.00
Helping strangers	1.70	1.31	1.48	1.06	1.81	1.24	1.40	1.00
Volunteering	1.30	1.00	1.27	1.00	1.29	1.00	1.42	1.00
Physical Health & Health Behavior								
Health problems	1.82	1.13	1.25	1.00	2.81	1.82	1.80	1.00
Pain in past 4 weeks	2.33	1.95	1.25	1.00	2.23	1.69	1.07	1.00
Daily smoker	1.51	1.00	1.23	1.00	1.35	1.00	1.27	1.00
Number of drinks per week	1.16	1.11	1.14	1.10	1.15	1.06	1.14	1.06
Days exercise per week	1.15	1.00	1.10	1.00	1.19	1.00	1.14	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.71	1.33	1.78	1.38	2.55	1.98	2.02	1.58
Currently employed	1.52	1.00	1.32	1.00	1.16	1.00	1.66	1.19
Financially comfortable/getting by	2.67	2.26	1.32	1.00	2.68	2.06	1.26	1.00
Own home	1.21	1.00	1.53	1.18	1.60	1.00	1.24	1.00
Income – top quintile	1.65	1.10	1.23	1.00	1.64	1.00	1.44	1.00
Religion & Spirituality								
Religious/spiritual connection	2.16	1.71	1.66	1.19	1.35	1.00	1.14	1.00
Belief in life after death	1.82	1.38	1.34	1.00	2.12	1.54	1.58	1.00
Transformative religious experience	1.58	1.13	1.29	1.00	1.32	1.00	1.20	1.00
Religious reading or listening	1.53	1.00	1.06	1.00	1.45	1.00	1.18	1.00
Prayer or meditation	1.85	1.43	1.69	1.31	1.67	1.00	1.51	1.00
Belief in God/gods/spiritual forces	2.17	1.63	1.76	1.22	2.01	1.08	1.53	1.00
Religious centrality	1.98	1.53	1.22	1.00	2.20	1.47	1.44	1.00
Religious/spiritual comfort	1.73	1.19	1.22	1.00	1.40	1.00	1.43	1.00
Feel loved by God	1.79	1.28	1.35	1.00	1.47	1.00	1.11	1.00
Feel punished by God	1.18	1.00	1.20	1.00	1.45	1.00	1.19	1.00
Experienced religious criticism	1.34	1.00	1.14	1.00	1.44	1.00	1.27	1.00
Faith-sharing	1.72	1.31	1.41	1.00	1.36	1.00	1.21	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates.

E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S30a. Weighted summary statistics for demographic and childhood variables in United Kingdom

Characteristic	Wave 1 N = 5,368	Wave 2 N = 3,621
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	151 (2.8%)	130 (3.6%)
1943-1953 (current age: 70-79 years)	676 (12.6%)	486 (13.4%)
1953-1963 (current age: 60-69 years)	831 (15.5%)	585 (16.1%)
1963-1973 (current age: 50-59 years)	949 (17.7%)	633 (17.5%)
1973-1983 (current age: 40-49 years)	823 (15.3%)	573 (15.8%)
1983-1993 (current age: 30-39 years)	967 (18.0%)	655 (18.1%)
1993-1998 (current age: 25-29 years)	432 (8.0%)	291 (8.0%)
1998-2005 (current age: 18-24 years)	538 (10.0%)	269 (7.4%)
(Missing)	1 (0.0%)	0 (0%)
<i>Age of participant</i>		
Mean	48.5	49.9
Standard Deviation	17.9	17.7
Min, Max	18.0, 95.0	19.0, 93.0
(Missing)	1 (<0.1%)	0 (0%)
<i>Gender, n (%)</i>		
Male	2,585 (48.2%)	1,715 (47.4%)
Female	2,760 (51.4%)	1,889 (52.2%)
Other	15 (0.3%)	11 (0.3%)
(Missing)	8 (0.1%)	5 (0.1%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,516 (28.2%)	966 (26.7%)
Married	2,473 (46.1%)	1,712 (47.3%)
Separated	113 (2.1%)	85 (2.3%)
Divorced	417 (7.8%)	288 (8.0%)
Widowed	277 (5.2%)	196 (5.4%)
Domestic partner	523 (9.7%)	362 (10.0%)
(Missing)	49 (0.9%)	14 (0.4%)
<i>Education (years), n (%)</i>		
Up to 8	1,279 (23.8%)	579 (16.0%)
9-15	2,125 (39.6%)	1,476 (40.8%)
16+	1,956 (36.4%)	1,565 (43.2%)
(Missing)	8 (0.2%)	0 (0%)
<i>Employment status, n (%)</i>		
Employed for an employer	2,840 (52.9%)	1,848 (51.0%)
Self-employed	460 (8.6%)	355 (9.8%)
Retired	1,211 (22.6%)	864 (23.9%)
Student	257 (4.8%)	108 (3.0%)
Homemaker	181 (3.4%)	130 (3.6%)
Unemployed and looking for a job	207 (3.9%)	131 (3.6%)
None of these/Other	203 (3.8%)	154 (4.3%)
(Missing)	9 (0.2%)	32 (0.9%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	287 (5.3%)	186 (5.1%)
Once a week	493 (9.2%)	316 (8.7%)
One to three times a month	295 (5.5%)	204 (5.6%)
A few times a year	1,147 (21.4%)	789 (21.8%)
Never	3,135 (58.4%)	2,114 (58.4%)
(Missing)	10 (0.2%)	11 (0.3%)
<i>Immigration status, n (%)</i>		

Table S30a. Weighted summary statistics for demographic and childhood variables in United Kingdom

Characteristic	Wave 1 N = 5,368	Wave 2 N = 3,621
Born in this country	4,658 (86.8%)	3,154 (87.1%)
Born in another country	684 (12.8%)	462 (12.8%)
(Missing)	25 (0.5%)	4 (0.1%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	4,311 (80.3%)	2,917 (80.6%)
Parents were divorced	495 (9.2%)	346 (9.6%)
Parents were never married	326 (6.1%)	191 (5.3%)
One or both of them had died	161 (3.0%)	120 (3.3%)
Unsure	41 (0.8%)	38 (1.1%)
(Missing)	34 (0.6%)	9 (0.2%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	1,695 (31.6%)	1,128 (31.1%)
One to three times a month	736 (13.7%)	483 (13.4%)
Less than once a month	906 (16.9%)	614 (16.9%)
Never	2,002 (37.3%)	1,377 (38.0%)
(Missing)	28 (0.5%)	19 (0.5%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	3,391 (63.2%)	2,245 (62.0%)
Somewhat good	1,364 (25.4%)	963 (26.6%)
Somewhat bad	333 (6.2%)	239 (6.6%)
Very bad	150 (2.8%)	101 (2.8%)
(Does not apply)	105 (1.9%)	63 (1.7%)
(Missing)	26 (0.5%)	10 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	2,828 (52.7%)	1,910 (52.7%)
Somewhat good	1,411 (26.3%)	967 (26.7%)
Somewhat bad	426 (7.9%)	312 (8.6%)
Very bad	332 (6.2%)	204 (5.6%)
(Does not apply)	342 (6.4%)	213 (5.9%)
(Missing)	29 (0.5%)	15 (0.4%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	1,057 (19.7%)	638 (17.6%)
No	4,266 (79.5%)	2,948 (81.4%)
(Missing)	46 (0.8%)	35 (1.0%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	878 (16.4%)	601 (16.6%)
No	4,444 (82.8%)	3,002 (82.9%)
(Missing)	46 (0.9%)	18 (0.5%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,122 (39.5%)	1,450 (40.1%)
Very good	1,753 (32.7%)	1,095 (30.2%)
Good	1,002 (18.7%)	712 (19.7%)
Fair	337 (6.3%)	253 (7.0%)
Poor	134 (2.5%)	92 (2.6%)
(Missing)	19 (0.4%)	18 (0.5%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	2,504 (46.6%)	1,594 (44.0%)
Got by	1,954 (36.4%)	1,385 (38.2%)
Found it difficult	656 (12.2%)	457 (12.6%)
Found it very difficult	230 (4.3%)	163 (4.5%)

Table S30a. Weighted summary statistics for demographic and childhood variables in United Kingdom

Characteristic	Wave 1 N = 5,368	Wave 2 N = 3,621
(Missing)	24 (0.5%)	21 (0.6%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	3,421 (63.7%)	2,315 (63.9%)
Taoism	1 (0.0%)	0 (0%)
Confucianism	3 (0.1%)	1 (0.0%)
Primal, Animist, or Folk religion	20 (0.4%)	8 (0.2%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	240 (4.5%)	183 (5.1%)
Hinduism	87 (1.6%)	50 (1.4%)
Buddhism	16 (0.3%)	18 (0.5%)
Judaism	54 (1.0%)	35 (1.0%)
Sikhism	28 (0.5%)	10 (0.3%)
Baha'i	4 (0.1%)	4 (0.1%)
Jainism	0 (<0.0%)	0 (<0.0%)
Shinto	0 (0%)	0 (0%)
Some other religion	25 (0.5%)	19 (0.5%)
No religion/Atheist/Agnostic	1,447 (26.9%)	957 (26.4%)
(Missing)	21 (0.4%)	21 (0.6%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S30b. Weighted summary statistics for exposure and outcome variables in United Kingdom

Outcome	Wave 1 N = 5,368	Wave 2 N = 3,621
<i>Secure flourishing index</i>		
Mean	6.8	6.7
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.2, 10.0
(Missing)	177 (3.3%)	163 (4.5%)
<i>Flourishing index</i>		
Mean	6.8	6.8
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.1, 10.0
(Missing)	150 (2.8%)	147 (4.1%)
<i>Happiness & life satisfaction</i>		
Mean	6.6	6.5
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	49 (0.9%)	28 (0.8%)
<i>Physical & mental health</i>		
Mean	6.6	6.5
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.2%)	62 (1.7%)
<i>Meaning & purpose</i>		
Mean	6.7	6.8
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (0.4%)	25 (0.7%)
<i>Character & virtue</i>		
Mean	7.3	7.2
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.7%)	36 (1.0%)
<i>Close social relationships</i>		
Mean	7.1	7.0
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	56 (1.0%)	25 (0.7%)
<i>Financial & material security</i>		
Mean	6.3	6.4
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	37 (0.7%)	22 (0.6%)
<i>Life satisfaction</i>		
Mean	6.5	6.4
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	38 (0.7%)	16 (0.5%)
<i>Happiness</i>		
Mean	6.7	6.6
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	16 (0.5%)

Table S30b. Weighted summary statistics for exposure and outcome variables in United Kingdom

Outcome	Wave 1 N = 5,368	Wave 2 N = 3,621
<i>Self-rated physical health</i>		
Mean	6.4	6.2
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (<0.1%)	57 (1.6%)
<i>Self-rated mental health</i>		
Mean	6.7	6.8
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.2%)	10 (0.3%)
<i>Understanding purpose</i>		
Mean	6.6	6.6
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.2%)	11 (0.3%)
<i>Meaningful activities</i>		
Mean	6.9	6.9
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.2%)	16 (0.4%)
<i>Orientation to promote good</i>		
Mean	7.6	7.5
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (0.3%)	24 (0.7%)
<i>Delayed gratification</i>		
Mean	6.9	6.9
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.5%)	15 (0.4%)
<i>Relationship contentment</i>		
Mean	7.3	7.2
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.6%)	22 (0.6%)
<i>Relationship satisfaction</i>		
Mean	7.0	6.9
Standard Deviation	2.5	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.5%)	9 (0.2%)
<i>Financial security</i>		
Mean	6.0	6.1
Standard Deviation	3.0	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.2%)	5 (0.1%)
<i>Material security</i>		
Mean	6.6	6.7
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (0.5%)	17 (0.5%)

Table S30b. Weighted summary statistics for exposure and outcome variables in United Kingdom

Outcome	Wave 1 N = 5,368	Wave 2 N = 3,621
<i>Current life evaluation</i>		
Mean	6.5	6.3
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.3%)	8 (0.2%)
<i>Future life evaluation</i>		
Mean	7.1	7.0
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	14 (0.4%)
<i>Optimism</i>		
Mean	6.9	6.8
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	35 (0.6%)	22 (0.6%)
<i>Freedom to pursue what's important</i>		
Mean	7.0	7.0
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	15 (0.3%)	12 (0.3%)
<i>Inner peace, n (%)</i>		
Always	735 (13.7%)	480 (13.3%)
Often	3,081 (57.4%)	2,061 (56.9%)
Rarely	1,353 (25.2%)	960 (26.5%)
Never	180 (3.4%)	90 (2.5%)
(Missing)	18 (0.3%)	30 (0.8%)
<i>Life balance, n (%)</i>		
Always	523 (9.7%)	395 (10.9%)
Often	3,173 (59.1%)	2,088 (57.7%)
Rarely	1,493 (27.8%)	1,030 (28.5%)
Never	157 (2.9%)	95 (2.6%)
(Missing)	23 (0.4%)	12 (0.3%)
<i>Sense of mastery, n (%)</i>		
Always	775 (14.4%)	524 (14.5%)
Often	3,503 (65.3%)	2,308 (63.8%)
Rarely	988 (18.4%)	700 (19.3%)
Never	80 (1.5%)	72 (2.0%)
(Missing)	22 (0.4%)	17 (0.5%)
<i>Traumatic distress, n (%)</i>		
A lot	480 (8.9%)	272 (7.5%)
Some	1,302 (24.3%)	836 (23.1%)
Not very much	1,635 (30.5%)	1,121 (31.0%)
Not at all	1,926 (35.9%)	1,388 (38.3%)
(Missing)	25 (0.5%)	4 (0.1%)
<i>Depression symptoms composite, n (%)</i>	1,597 (29.9%)	1,043 (29.0%)
(Missing)	23 (0.4%)	23 (0.6%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	501 (9.3%)	352 (9.7%)
More than half the days	774 (14.4%)	499 (13.8%)
Several days	1,663 (31.0%)	1,081 (29.9%)

Table S30b. Weighted summary statistics for exposure and outcome variables in United Kingdom

Outcome	Wave 1 N = 5,368	Wave 2 N = 3,621
Not at all	2,411 (44.9%)	1,670 (46.1%)
(Missing)	18 (0.3%)	18 (0.5%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	522 (9.7%)	361 (10.0%)
More than half the days	966 (18.0%)	620 (17.1%)
Several days	1,595 (29.7%)	1,062 (29.3%)
Not at all	2,279 (42.5%)	1,573 (43.4%)
(Missing)	6 (0.1%)	5 (0.1%)
<i>Anxiety symptoms composite, n (%)</i>	1,567 (29.4%)	1,059 (29.4%)
(Missing)	33 (0.6%)	21 (0.6%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	600 (11.2%)	393 (10.9%)
More than half the days	769 (14.3%)	545 (15.0%)
Several days	1,828 (34.1%)	1,202 (33.2%)
Not at all	2,147 (40.0%)	1,467 (40.5%)
(Missing)	24 (0.5%)	14 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	628 (11.7%)	395 (10.9%)
More than half the days	747 (13.9%)	492 (13.6%)
Several days	1,541 (28.7%)	1,068 (29.5%)
Not at all	2,444 (45.5%)	1,659 (45.8%)
(Missing)	9 (0.2%)	7 (0.2%)
<i>Suffering, n (%)</i>		
A lot	780 (14.5%)	488 (13.5%)
Some	1,945 (36.2%)	1,360 (37.6%)
Not very much	1,662 (31.0%)	1,106 (30.5%)
Not at all	964 (18.0%)	656 (18.1%)
(Missing)	17 (0.3%)	11 (0.3%)
<i>Social support</i>		
Mean	7.7	7.7
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.3%)	36 (1.0%)
<i>Intimate/close friend, n (%)</i>		
Yes	4,405 (82.1%)	2,920 (80.6%)
No	940 (17.5%)	679 (18.7%)
(Missing)	23 (0.4%)	22 (0.6%)
<i>Government approval, n (%)</i>		
Strongly approve	230 (4.3%)	127 (3.5%)
Somewhat approve	843 (15.7%)	500 (13.8%)
Neither approve nor disapprove	1,173 (21.8%)	758 (20.9%)
Somewhat disapprove	1,290 (24.0%)	968 (26.7%)
Strongly disapprove	1,821 (33.9%)	1,252 (34.6%)
(Missing)	12 (0.2%)	16 (0.4%)
<i>Say in government, n (%)</i>		
Agree	1,241 (23.1%)	953 (26.3%)
Disagree	3,127 (58.2%)	1,946 (53.8%)
Unsure	991 (18.5%)	718 (19.8%)
(Missing)	9 (0.2%)	3 (0.1%)
<i>Belonging in country</i>		

Table S30b. Weighted summary statistics for exposure and outcome variables in United Kingdom

Outcome	Wave 1 N = 5,368	Wave 2 N = 3,621
Mean	7.1	6.9
Standard Deviation	2.5	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	21 (0.4%)	27 (0.8%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	3,751 (69.9%)	2,501 (69.1%)
Dissatisfied	1,014 (18.9%)	724 (20.0%)
Unsure	566 (10.5%)	372 (10.3%)
(Missing)	38 (0.7%)	23 (0.6%)
<i>Trust within country, n (%)</i>		
All people	108 (2.0%)	58 (1.6%)
Most people	972 (18.1%)	712 (19.7%)
Some people	2,476 (46.1%)	1,540 (42.5%)
Not very many people	1,687 (31.4%)	1,255 (34.7%)
None	104 (1.9%)	42 (1.2%)
(Missing)	21 (0.4%)	13 (0.4%)
<i>Number of children</i>		
Mean	0.6	0.4
Standard Deviation	1.0	1.1
Min, Max	0.0, 10.0	0.0, 54.0
(Missing)	17 (0.3%)	450 (12%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	551 (10.3%)	350 (9.7%)
Once a week	616 (11.5%)	461 (12.7%)
One to three times a month	654 (12.2%)	395 (10.9%)
A few times a year	991 (18.5%)	655 (18.1%)
Never	2,550 (47.5%)	1,747 (48.3%)
(Missing)	7 (0.1%)	13 (0.4%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	287 (5.3%)	186 (5.1%)
Once a week	493 (9.2%)	316 (8.7%)
One to three times a month	295 (5.5%)	204 (5.6%)
A few times a year	1,147 (21.4%)	789 (21.8%)
Never	3,135 (58.4%)	2,114 (58.4%)
(Missing)	10 (0.2%)	11 (0.3%)
<i>Loneliness</i>		
Mean	3.6	3.7
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.1%)	4 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	278 (5.2%)	155 (4.3%)
Often	942 (17.5%)	623 (17.2%)
Rarely	2,174 (40.5%)	1,454 (40.2%)
Never	1,963 (36.6%)	1,378 (38.1%)
(Missing)	12 (0.2%)	10 (0.3%)
<i>Hope</i>		
Mean	7.4	7.3
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0

Table S30b. Weighted summary statistics for exposure and outcome variables in United Kingdom

Outcome	Wave 1 N = 5,368	Wave 2 N = 3,621
(Missing)	111 (2.1%)	37 (1.0%)
<i>Gratitude</i>		
Mean	7.4	7.3
Standard Deviation	2.4	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	115 (2.1%)	40 (1.1%)
<i>Showing love/care</i>		
Mean	8.1	8.0
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.2%)	18 (0.5%)
<i>Forgivingness, n (%)</i>		
Always	910 (17.0%)	594 (16.4%)
Often	2,900 (54.0%)	1,904 (52.6%)
Rarely	1,325 (24.7%)	939 (25.9%)
Never	222 (4.1%)	180 (5.0%)
(Missing)	10 (0.2%)	4 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	3,204 (59.7%)	2,038 (56.3%)
No	2,159 (40.2%)	1,549 (42.8%)
(Missing)	6 (0.1%)	33 (0.9%)
<i>Helping strangers, n (%)</i>		
Yes	2,969 (55.3%)	1,729 (47.7%)
No	2,386 (44.4%)	1,877 (51.8%)
(Missing)	13 (0.2%)	15 (0.4%)
<i>Volunteering, n (%)</i>		
Yes	1,561 (29.1%)	937 (25.9%)
No	3,796 (70.7%)	2,672 (73.8%)
(Missing)	10 (0.2%)	12 (0.3%)
<i>Health problems, n (%)</i>		
Yes	1,623 (30.2%)	1,166 (32.2%)
No	3,702 (69.0%)	2,434 (67.2%)
(Missing)	43 (0.8%)	21 (0.6%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	959 (17.9%)	630 (17.4%)
Some	1,860 (34.7%)	1,290 (35.6%)
Not very much	1,584 (29.5%)	1,092 (30.2%)
None at all	948 (17.7%)	598 (16.5%)
(Missing)	18 (0.3%)	12 (0.3%)
<i>Number of drinks per week</i>		
Mean	4.2	4.1
Standard Deviation	8.6	8.8
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	37 (0.7%)	73 (2.0%)
<i>Days exercise per week</i>		
Mean	2.5	2.5
Standard Deviation	2.4	2.3
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	8 (0.2%)	3 (<0.1%)
<i>Educational attainment (16+ years), n (%)</i>		

Table S30b. Weighted summary statistics for exposure and outcome variables in United Kingdom

Outcome	Wave 1 N = 5,368	Wave 2 N = 3,621
Up to 8	1,279 (23.8%)	579 (16.0%)
9-15	2,125 (39.6%)	1,476 (40.8%)
16+	1,956 (36.4%)	1,565 (43.2%)
(Missing)	8 (0.2%)	0 (0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	2,840 (52.9%)	1,848 (51.0%)
Self-employed	460 (8.6%)	355 (9.8%)
Retired	1,211 (22.6%)	864 (23.9%)
Student	257 (4.8%)	108 (3.0%)
Homemaker	181 (3.4%)	130 (3.6%)
Unemployed and looking for a job	207 (3.9%)	131 (3.6%)
None of these/Other	203 (3.8%)	154 (4.3%)
(Missing)	9 (0.2%)	32 (0.9%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	1,760 (32.8%)	1,288 (35.6%)
Getting by on present income	2,335 (43.5%)	1,562 (43.1%)
Finding it difficult on present income	892 (16.6%)	531 (14.7%)
Finding it very difficult on present income	327 (6.1%)	220 (6.1%)
(Missing)	53 (1.0%)	20 (0.5%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	3,089 (57.5%)	2,121 (58.6%)
Someone in this household rents this home	1,545 (28.8%)	1,004 (27.7%)
Both	274 (5.1%)	167 (4.6%)
Neither	403 (7.5%)	296 (8.2%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	56 (1.0%)	33 (0.9%)
<i>Religious/spiritual connection, n (%)</i>		
Always	903 (16.8%)	640 (17.7%)
Often	1,252 (23.3%)	755 (20.9%)
Rarely	1,499 (27.9%)	937 (25.9%)
Never	1,696 (31.6%)	1,283 (35.4%)
(Missing)	18 (0.3%)	5 (0.1%)
<i>Belief in life after death, n (%)</i>		
Yes	2,062 (38.4%)	1,285 (35.5%)
No	1,510 (28.1%)	1,105 (30.5%)
Unsure	1,748 (32.6%)	1,205 (33.3%)
(Missing)	49 (0.9%)	26 (0.7%)
<i>Transformative religious experience, n (%)</i>		
Yes	1,148 (21.4%)	688 (19.0%)
No	4,194 (78.1%)	2,910 (80.4%)
(Missing)	26 (0.5%)	23 (0.6%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	218 (4.1%)	158 (4.4%)
About once a day	481 (9.0%)	271 (7.5%)
Sometimes	1,391 (25.9%)	784 (21.7%)
Never	3,250 (60.6%)	2,374 (65.6%)
(Missing)	27 (0.5%)	32 (0.9%)
<i>Prayer or meditation, n (%)</i>		

Table S30b. Weighted summary statistics for exposure and outcome variables in United Kingdom

Outcome	Wave 1 N = 5,368	Wave 2 N = 3,621
More than once a day	560 (10.4%)	330 (9.1%)
About once a day	701 (13.1%)	404 (11.2%)
Sometimes	1,591 (29.6%)	990 (27.3%)
Never	2,496 (46.5%)	1,871 (51.7%)
(Missing)	20 (0.4%)	25 (0.7%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	1,990 (37.1%)	1,299 (35.9%)
More than one god	146 (2.7%)	124 (3.4%)
An impersonal spiritual force	707 (13.2%)	452 (12.5%)
None of these	1,586 (29.5%)	1,148 (31.7%)
Unsure	905 (16.9%)	583 (16.1%)
(Missing)	34 (0.6%)	14 (0.4%)
<i>Religious centrality, n (%)</i>		
Agree	1,471 (27.4%)	899 (24.8%)
Disagree	904 (16.8%)	583 (16.1%)
Not relevant	2,352 (43.8%)	1,714 (47.3%)
Unsure	618 (11.5%)	403 (11.1%)
(Missing)	24 (0.4%)	22 (0.6%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	1,769 (33.0%)	1,178 (32.5%)
Disagree	699 (13.0%)	406 (11.2%)
Not relevant	2,292 (42.7%)	1,682 (46.5%)
Unsure	582 (10.8%)	312 (8.6%)
(Missing)	26 (0.5%)	43 (1.2%)
<i>Feel loved by God, n (%)</i>		
Agree	1,675 (31.2%)	1,052 (29.0%)
Disagree	770 (14.3%)	447 (12.3%)
Not relevant	2,204 (41.1%)	1,647 (45.5%)
Unsure	683 (12.7%)	422 (11.7%)
(Missing)	36 (0.7%)	53 (1.5%)
<i>Feel punished by God, n (%)</i>		
Agree	537 (10.0%)	301 (8.3%)
Disagree	2,069 (38.5%)	1,309 (36.2%)
Not relevant	2,175 (40.5%)	1,613 (44.6%)
Unsure	543 (10.1%)	351 (9.7%)
(Missing)	44 (0.8%)	46 (1.3%)
<i>Experienced religious criticism, n (%)</i>		
Agree	441 (8.2%)	270 (7.5%)
Disagree	1,453 (27.1%)	893 (24.7%)
Not relevant	3,014 (56.1%)	2,123 (58.6%)
Unsure	428 (8.0%)	294 (8.1%)
(Missing)	32 (0.6%)	40 (1.1%)
<i>Faith-sharing, n (%)</i>		
Agree	1,218 (22.7%)	742 (20.5%)
Disagree	1,257 (23.4%)	750 (20.7%)
Not relevant	2,539 (47.3%)	1,849 (51.1%)
Unsure	329 (6.1%)	262 (7.2%)
(Missing)	26 (0.5%)	18 (0.5%)

Table S30b. Weighted summary statistics for exposure and outcome variables in United Kingdom

	Wave 1	Wave 2
Outcome	N = 5,368	N = 3,621

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S30c. Unweighted summary statistics for demographic and childhood variables in United Kingdom by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 1,924	Retained-Observed in Wave 2 N = 3,452
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	47 (2.5%)	104 (3.0%)
1943-1953 (current age: 70-79 years)	200 (10.4%)	480 (13.9%)
1953-1963 (current age: 60-69 years)	231 (12.0%)	606 (17.6%)
1963-1973 (current age: 50-59 years)	219 (11.4%)	739 (21.4%)
1973-1983 (current age: 40-49 years)	250 (13.0%)	577 (16.7%)
1983-1993 (current age: 30-39 years)	431 (22.4%)	532 (15.4%)
1993-1998 (current age: 25-29 years)	215 (11.2%)	214 (6.2%)
1998-2005 (current age: 18-24 years)	330 (17.2%)	199 (5.8%)
(Missing)	0 (0.0%)	1 (0.0%)
<i>Age of participant</i>		
Mean	43.6	51.3
Standard Deviation	18.8	16.7
Min, Max	18.0, 95.0	18.0, 92.0
<i>Gender, n (%)</i>		
Male	952 (49.5%)	1,635 (47.4%)
Female	961 (49.9%)	1,805 (52.3%)
Other	9 (0.4%)	6 (0.2%)
(Missing)	2 (0.1%)	6 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	645 (33.5%)	867 (25.1%)
Married	835 (43.4%)	1,644 (47.6%)
Separated	48 (2.5%)	65 (1.9%)
Divorced	108 (5.6%)	312 (9.0%)
Widowed	80 (4.2%)	199 (5.8%)
Domestic partner	185 (9.6%)	339 (9.8%)
(Missing)	23 (1.2%)	26 (0.8%)
<i>Education (years), n (%)</i>		
Up to 8	459 (23.9%)	821 (23.8%)
9-15	757 (39.3%)	1,372 (39.7%)
16+	708 (36.8%)	1,250 (36.2%)
(Missing)	0 (0%)	8 (0.2%)
<i>Employment status, n (%)</i>		
Employed for an employer	1,042 (54.2%)	1,801 (52.2%)
Self-employed	156 (8.1%)	304 (8.8%)
Retired	364 (18.9%)	852 (24.7%)
Student	151 (7.8%)	102 (3.0%)
Homemaker	48 (2.5%)	135 (3.9%)
Unemployed and looking for a job	76 (4.0%)	131 (3.8%)
None of these/Other	81 (4.2%)	123 (3.6%)
(Missing)	5 (0.3%)	4 (0.1%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	144 (7.5%)	141 (4.1%)
Once a week	216 (11.3%)	275 (8.0%)
One to three times a month	94 (4.9%)	201 (5.8%)
A few times a year	440 (22.9%)	707 (20.5%)
Never	1,026 (53.3%)	2,120 (61.4%)
(Missing)	2 (0.1%)	8 (0.2%)
<i>Immigration status, n (%)</i>		

Table S30c. Unweighted summary statistics for demographic and childhood variables in United Kingdom by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 1,924	Retained-Observed in Wave 2 N = 3,452
Born in this country	1,632 (84.9%)	3,035 (87.9%)
Born in another country	272 (14.1%)	412 (11.9%)
(Missing)	19 (1.0%)	5 (0.2%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	1,487 (77.3%)	2,833 (82.1%)
Parents were divorced	170 (8.8%)	326 (9.4%)
Parents were never married	177 (9.2%)	146 (4.2%)
One or both of them had died	51 (2.6%)	111 (3.2%)
Unsure	14 (0.7%)	28 (0.8%)
(Missing)	26 (1.3%)	8 (0.2%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	628 (32.7%)	1,068 (31.0%)
One to three times a month	303 (15.8%)	432 (12.5%)
Less than once a month	329 (17.1%)	578 (16.7%)
Never	653 (34.0%)	1,356 (39.3%)
(Missing)	10 (0.5%)	18 (0.5%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	1,264 (65.7%)	2,129 (61.7%)
Somewhat good	435 (22.6%)	934 (27.0%)
Somewhat bad	111 (5.8%)	223 (6.5%)
Very bad	58 (3.0%)	91 (2.6%)
(Does not apply)	40 (2.1%)	65 (1.9%)
(Missing)	15 (0.8%)	10 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	999 (52.0%)	1,833 (53.1%)
Somewhat good	492 (25.6%)	923 (26.7%)
Somewhat bad	142 (7.4%)	285 (8.3%)
Very bad	142 (7.4%)	189 (5.5%)
(Does not apply)	135 (7.0%)	207 (6.0%)
(Missing)	13 (0.7%)	15 (0.4%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	455 (23.7%)	598 (17.3%)
No	1,452 (75.5%)	2,824 (81.8%)
(Missing)	16 (0.8%)	30 (0.9%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	328 (17.0%)	551 (16.0%)
No	1,567 (81.5%)	2,884 (83.6%)
(Missing)	29 (1.5%)	17 (0.5%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	734 (38.1%)	1,393 (40.3%)
Very good	687 (35.7%)	1,066 (30.9%)
Good	347 (18.0%)	658 (19.1%)
Fair	104 (5.4%)	235 (6.8%)
Poor	48 (2.5%)	86 (2.5%)
(Missing)	5 (0.2%)	15 (0.4%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	990 (51.5%)	1,511 (43.8%)

Table S30c. Unweighted summary statistics for demographic and childhood variables in United Kingdom by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 1,924	Retained-Observed in Wave 2 N = 3,452
Got by	631 (32.8%)	1,329 (38.5%)
Found it difficult	228 (11.9%)	429 (12.4%)
Found it very difficult	66 (3.4%)	165 (4.8%)
(Missing)	8 (0.4%)	17 (0.5%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	1,167 (60.6%)	2,263 (65.6%)
Taoism	1 (0.1%)	0 (0%)
Confucianism	3 (0.1%)	1 (0.0%)
Primal, Animist, or Folk religion	11 (0.6%)	9 (0.3%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	108 (5.6%)	131 (3.8%)
Hinduism	46 (2.4%)	40 (1.2%)
Buddhism	4 (0.2%)	12 (0.3%)
Judaism	15 (0.8%)	40 (1.1%)
Sikhism	17 (0.9%)	10 (0.3%)
Baha'i	0 (0.0%)	4 (0.1%)
Jainism	0 (0%)	0 (<0.0%)
Shinto	0 (0%)	0 (0%)
Some other religion	6 (0.3%)	19 (0.6%)
No religion/Atheist/Agnostic	542 (28.2%)	905 (26.2%)
(Missing)	3 (0.1%)	18 (0.5%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S30d. Unweighted summary statistics for Wave 1 outcome variables in United Kingdom by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,924	Wave 2 N = 3,452
<i>Secure flourishing index</i>		
Mean	6.7	6.8
Standard Deviation	1.6	1.7
Min, Max	0.0, 10.0	0.4, 10.0
(Missing)	75 (3.9%)	102 (2.9%)
<i>Flourishing index</i>		
Mean	6.8	6.9
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.4, 10.0
(Missing)	55 (2.9%)	95 (2.8%)
<i>Happiness & life satisfaction</i>		
Mean	6.5	6.6
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.8%)	34 (1.0%)
<i>Physical & mental health</i>		
Mean	6.4	6.6
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.3%)	6 (0.2%)
<i>Meaning & purpose</i>		
Mean	6.7	6.8
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.6%)	10 (0.3%)
<i>Character & virtue</i>		
Mean	7.3	7.2
Standard Deviation	1.7	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.8%)	24 (0.7%)
<i>Close social relationships</i>		
Mean	7.1	7.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (1.3%)	31 (0.9%)
<i>Financial & material security</i>		
Mean	6.2	6.4
Standard Deviation	2.7	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (1.2%)	12 (0.3%)
<i>Life satisfaction</i>		
Mean	6.4	6.5
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.6%)	26 (0.8%)
<i>Happiness</i>		
Mean	6.6	6.7
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0

Table S30d. Unweighted summary statistics for Wave 1 outcome variables in United Kingdom by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,924	Wave 2 N = 3,452
(Missing)	5 (0.3%)	8 (0.2%)
<i>Self-rated physical health</i>		
Mean	6.3	6.4
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.1%)	2 (<0.1%)
<i>Self-rated mental health</i>		
Mean	6.5	6.9
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.3%)	4 (0.1%)
<i>Understanding purpose</i>		
Mean	6.6	6.6
Standard Deviation	2.7	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.3%)	5 (0.2%)
<i>Meaningful activities</i>		
Mean	6.8	6.9
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (0.3%)	4 (0.1%)
<i>Orientation to promote good</i>		
Mean	7.6	7.6
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (0.4%)	11 (0.3%)
<i>Delayed gratification</i>		
Mean	7.0	6.9
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.6%)	16 (0.5%)
<i>Relationship contentment</i>		
Mean	7.3	7.3
Standard Deviation	2.4	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	12 (0.6%)	19 (0.6%)
<i>Relationship satisfaction</i>		
Mean	6.9	7.0
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.7%)	14 (0.4%)
<i>Financial security</i>		
Mean	6.0	6.1
Standard Deviation	2.9	3.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	5 (0.3%)	3 (<0.1%)
<i>Material security</i>		
Mean	6.4	6.7
Standard Deviation	2.9	2.8

Table S30d. Unweighted summary statistics for Wave 1 outcome variables in United Kingdom by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,924	Wave 2 N = 3,452
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	19 (1.0%)	9 (0.3%)
<i>Current life evaluation</i>		
Mean	6.5	6.5
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.5%)	5 (0.1%)
<i>Future life evaluation</i>		
Mean	7.3	7.0
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.4%)	5 (0.1%)
<i>Optimism</i>		
Mean	7.0	6.9
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	18 (0.9%)	16 (0.5%)
<i>Freedom to pursue what's important</i>		
Mean	7.0	7.0
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.5%)	5 (0.2%)
<i>Inner peace, n (%)</i>		
Always	265 (13.8%)	471 (13.6%)
Often	1,050 (54.6%)	2,039 (59.1%)
Rarely	527 (27.4%)	825 (23.9%)
Never	76 (3.9%)	104 (3.0%)
(Missing)	5 (0.3%)	13 (0.4%)
<i>Life balance, n (%)</i>		
Always	210 (10.9%)	312 (9.0%)
Often	1,065 (55.4%)	2,117 (61.3%)
Rarely	575 (29.9%)	917 (26.6%)
Never	61 (3.2%)	96 (2.8%)
(Missing)	13 (0.7%)	10 (0.3%)
<i>Sense of mastery, n (%)</i>		
Always	303 (15.8%)	472 (13.7%)
Often	1,213 (63.0%)	2,298 (66.6%)
Rarely	361 (18.8%)	629 (18.2%)
Never	35 (1.8%)	44 (1.3%)
(Missing)	12 (0.6%)	9 (0.3%)
<i>Traumatic distress, n (%)</i>		
A lot	234 (12.2%)	242 (7.0%)
Some	540 (28.1%)	759 (22.0%)
Not very much	599 (31.1%)	1,037 (30.1%)
Not at all	537 (27.9%)	1,401 (40.6%)
(Missing)	13 (0.7%)	12 (0.3%)
<i>Depression symptoms composite, n (%)</i>	718 (37.5%)	872 (25.4%)
(Missing)	7 (0.4%)	16 (0.5%)
<i>Depression – feel hopeless, n (%)</i>		

Table S30d. Unweighted summary statistics for Wave 1 outcome variables in United Kingdom by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,924	N = 3,452
Nearly every day	219 (11.4%)	280 (8.1%)
More than half the days	346 (18.0%)	425 (12.3%)
Several days	616 (32.0%)	1,048 (30.4%)
Not at all	736 (38.3%)	1,687 (48.9%)
(Missing)	7 (0.4%)	11 (0.3%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	220 (11.4%)	301 (8.7%)
More than half the days	475 (24.7%)	484 (14.0%)
Several days	588 (30.6%)	1,009 (29.2%)
Not at all	641 (33.3%)	1,653 (47.9%)
(Missing)	0 (0%)	6 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	703 (36.8%)	858 (25.0%)
(Missing)	14 (0.7%)	19 (0.5%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	262 (13.6%)	335 (9.7%)
More than half the days	347 (18.1%)	418 (12.1%)
Several days	664 (34.5%)	1,166 (33.8%)
Not at all	640 (33.3%)	1,518 (44.0%)
(Missing)	10 (0.5%)	14 (0.4%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	286 (14.9%)	339 (9.8%)
More than half the days	323 (16.8%)	421 (12.2%)
Several days	588 (30.6%)	953 (27.6%)
Not at all	723 (37.6%)	1,734 (50.2%)
(Missing)	5 (0.2%)	5 (0.1%)
<i>Suffering, n (%)</i>		
A lot	353 (18.3%)	423 (12.3%)
Some	703 (36.6%)	1,244 (36.0%)
Not very much	590 (30.7%)	1,075 (31.1%)
Not at all	268 (14.0%)	702 (20.3%)
(Missing)	9 (0.5%)	8 (0.2%)
<i>Social support</i>		
Mean	7.6	7.7
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	10 (0.5%)	6 (0.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	1,574 (81.8%)	2,837 (82.2%)
No	333 (17.3%)	609 (17.6%)
(Missing)	17 (0.9%)	6 (0.2%)
<i>Government approval, n (%)</i>		
Strongly approve	129 (6.7%)	99 (2.9%)
Somewhat approve	286 (14.8%)	560 (16.2%)
Neither approve nor disapprove	470 (24.4%)	702 (20.3%)
Somewhat disapprove	396 (20.6%)	900 (26.1%)
Strongly disapprove	642 (33.4%)	1,181 (34.2%)
(Missing)	1 (0.1%)	11 (0.3%)
<i>Say in government, n (%)</i>		
Agree	457 (23.8%)	785 (22.7%)

Table S30d. Unweighted summary statistics for Wave 1 outcome variables in United Kingdom by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,924	Wave 2 N = 3,452
Disagree	1,115 (58.0%)	2,016 (58.4%)
Unsure	347 (18.1%)	646 (18.7%)
(Missing)	4 (0.2%)	5 (0.2%)
<i>Belonging in country</i>		
Mean	7.0	7.1
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	8 (0.4%)	13 (0.4%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	1,345 (69.9%)	2,411 (69.8%)
Dissatisfied	354 (18.4%)	662 (19.2%)
Unsure	209 (10.8%)	357 (10.4%)
(Missing)	16 (0.9%)	21 (0.6%)
<i>Trust within country, n (%)</i>		
All people	67 (3.5%)	40 (1.2%)
Most people	317 (16.5%)	658 (19.1%)
Some people	828 (43.0%)	1,655 (48.0%)
Not very many people	660 (34.3%)	1,026 (29.7%)
None	45 (2.3%)	59 (1.7%)
(Missing)	7 (0.4%)	14 (0.4%)
<i>Number of children</i>		
Mean	0.7	0.5
Standard Deviation	1.1	1.0
Min, Max	0.0, 9.0	0.0, 10.0
(Missing)	12 (0.6%)	5 (0.2%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	230 (11.9%)	320 (9.3%)
Once a week	232 (12.1%)	384 (11.1%)
One to three times a month	253 (13.2%)	400 (11.6%)
A few times a year	375 (19.5%)	616 (17.9%)
Never	830 (43.2%)	1,728 (50.1%)
(Missing)	3 (0.2%)	4 (0.1%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	144 (7.5%)	141 (4.1%)
Once a week	216 (11.3%)	275 (8.0%)
One to three times a month	94 (4.9%)	201 (5.8%)
A few times a year	440 (22.9%)	707 (20.5%)
Never	1,026 (53.3%)	2,120 (61.4%)
(Missing)	2 (0.1%)	8 (0.2%)
<i>Loneliness</i>		
Mean	3.7	3.5
Standard Deviation	2.9	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	3 (0.2%)	4 (0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	143 (7.4%)	132 (3.8%)
Often	385 (20.0%)	555 (16.1%)
Rarely	763 (39.7%)	1,415 (41.0%)
Never	626 (32.6%)	1,344 (38.9%)

Table S30d. Unweighted summary statistics for Wave 1 outcome variables in United Kingdom by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,924	Wave 2 N = 3,452
(Missing)	5 (0.3%)	7 (0.2%)
<i>Hope</i>		
Mean	7.5	7.3
Standard Deviation	2.2	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	48 (2.5%)	62 (1.8%)
<i>Gratitude</i>		
Mean	7.5	7.3
Standard Deviation	2.3	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	59 (3.1%)	55 (1.6%)
<i>Showing love/care</i>		
Mean	8.1	8.1
Standard Deviation	2.0	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.5%)	1 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	386 (20.1%)	522 (15.1%)
Often	1,033 (53.7%)	1,872 (54.2%)
Rarely	430 (22.4%)	899 (26.1%)
Never	69 (3.6%)	154 (4.5%)
(Missing)	5 (0.3%)	5 (0.1%)
<i>Charitable giving, n (%)</i>		
Yes	1,160 (60.3%)	2,047 (59.3%)
No	761 (39.6%)	1,402 (40.6%)
(Missing)	3 (0.1%)	3 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	1,153 (60.0%)	1,814 (52.5%)
No	766 (39.8%)	1,629 (47.2%)
(Missing)	4 (0.2%)	9 (0.3%)
<i>Volunteering, n (%)</i>		
Yes	598 (31.1%)	963 (27.9%)
No	1,323 (68.8%)	2,481 (71.9%)
(Missing)	3 (0.1%)	8 (0.2%)
<i>Health problems, n (%)</i>		
Yes	578 (30.0%)	1,048 (30.4%)
No	1,321 (68.7%)	2,387 (69.1%)
(Missing)	25 (1.3%)	17 (0.5%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	377 (19.6%)	581 (16.8%)
Some	700 (36.4%)	1,160 (33.6%)
Not very much	533 (27.7%)	1,055 (30.6%)
None at all	301 (15.7%)	650 (18.8%)
(Missing)	12 (0.6%)	6 (0.2%)
<i>Number of drinks per week</i>		
Mean	4.2	4.1
Standard Deviation	9.4	8.1
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	22 (1.2%)	14 (0.4%)

Table S30d. Unweighted summary statistics for Wave 1 outcome variables in United Kingdom by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 1,924	Wave 2 N = 3,452
<i>Days exercise per week</i>		
Mean	2.5	2.6
Standard Deviation	2.3	2.4
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	6 (0.3%)	2 (<0.1%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	459 (23.9%)	821 (23.8%)
9-15	757 (39.3%)	1,372 (39.7%)
16+	708 (36.8%)	1,250 (36.2%)
(Missing)	0 (0%)	8 (0.2%)
<i>Currently employed, n (%)</i>		
Employed for an employer	1,042 (54.2%)	1,801 (52.2%)
Self-employed	156 (8.1%)	304 (8.8%)
Retired	364 (18.9%)	852 (24.7%)
Student	151 (7.8%)	102 (3.0%)
Homemaker	48 (2.5%)	135 (3.9%)
Unemployed and looking for a job	76 (4.0%)	131 (3.8%)
None of these/Other	81 (4.2%)	123 (3.6%)
(Missing)	5 (0.3%)	4 (0.1%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	635 (33.0%)	1,128 (32.7%)
Getting by on present income	827 (43.0%)	1,512 (43.8%)
Finding it difficult on present income	319 (16.6%)	574 (16.6%)
Finding it very difficult on present income	108 (5.6%)	220 (6.4%)
(Missing)	34 (1.8%)	19 (0.5%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	1,033 (53.7%)	2,066 (59.8%)
Someone in this household rents this home	591 (30.7%)	953 (27.6%)
Both	122 (6.3%)	151 (4.4%)
Neither	141 (7.3%)	263 (7.6%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	36 (1.9%)	19 (0.5%)
<i>Religious/spiritual connection, n (%)</i>		
Always	392 (20.4%)	508 (14.7%)
Often	451 (23.4%)	803 (23.3%)
Rarely	513 (26.7%)	989 (28.6%)
Never	558 (29.0%)	1,144 (33.1%)
(Missing)	9 (0.5%)	8 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	812 (42.2%)	1,248 (36.1%)
No	469 (24.4%)	1,047 (30.3%)
Unsure	613 (31.9%)	1,138 (33.0%)
(Missing)	29 (1.5%)	19 (0.6%)
<i>Transformative religious experience, n (%)</i>		
Yes	516 (26.8%)	627 (18.2%)
No	1,391 (72.3%)	2,816 (81.6%)
(Missing)	16 (0.9%)	9 (0.3%)

Table S30d. Unweighted summary statistics for Wave 1 outcome variables in United Kingdom by retention status.

Outcome	Attriters–NotRetained–Observed in	
	Observed in Wave 2 N = 1,924	Wave 2 N = 3,452
<i>Religious reading or listening, n (%)</i>		
More than once a day	115 (6.0%)	101 (2.9%)
About once a day	203 (10.5%)	278 (8.0%)
Sometimes	528 (27.5%)	863 (25.0%)
Never	1,066 (55.4%)	2,195 (63.6%)
(Missing)	11 (0.6%)	16 (0.5%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	254 (13.2%)	304 (8.8%)
About once a day	263 (13.7%)	438 (12.7%)
Sometimes	586 (30.5%)	1,006 (29.2%)
Never	809 (42.0%)	1,697 (49.2%)
(Missing)	12 (0.6%)	7 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	758 (39.4%)	1,233 (35.7%)
More than one god	57 (2.9%)	89 (2.6%)
An impersonal spiritual force	252 (13.1%)	456 (13.2%)
None of these	528 (27.5%)	1,062 (30.8%)
Unsure	312 (16.2%)	595 (17.2%)
(Missing)	17 (0.9%)	17 (0.5%)
<i>Religious centrality, n (%)</i>		
Agree	584 (30.3%)	886 (25.7%)
Disagree	346 (18.0%)	557 (16.1%)
Not relevant	776 (40.4%)	1,583 (45.8%)
Unsure	203 (10.6%)	417 (12.1%)
(Missing)	14 (0.7%)	10 (0.3%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	690 (35.9%)	1,078 (31.2%)
Disagree	259 (13.5%)	440 (12.7%)
Not relevant	759 (39.4%)	1,541 (44.6%)
Unsure	198 (10.3%)	385 (11.1%)
(Missing)	17 (0.9%)	8 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	655 (34.1%)	1,019 (29.5%)
Disagree	290 (15.1%)	480 (13.9%)
Not relevant	739 (38.4%)	1,471 (42.6%)
Unsure	222 (11.5%)	463 (13.4%)
(Missing)	17 (0.9%)	19 (0.5%)
<i>Feel punished by God, n (%)</i>		
Agree	248 (12.9%)	286 (8.3%)
Disagree	742 (38.6%)	1,330 (38.5%)
Not relevant	714 (37.1%)	1,468 (42.5%)
Unsure	197 (10.2%)	346 (10.0%)
(Missing)	23 (1.2%)	21 (0.6%)
<i>Experienced religious criticism, n (%)</i>		
Agree	220 (11.5%)	218 (6.3%)
Disagree	527 (27.4%)	928 (26.9%)
Not relevant	984 (51.2%)	2,040 (59.1%)
Unsure	174 (9.0%)	253 (7.3%)
(Missing)	18 (0.9%)	14 (0.4%)

Table S30d. Unweighted summary statistics for Wave 1 outcome variables in United Kingdom by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 1,924	N = 3,452
<i>Faith-sharing, n (%)</i>		
Agree	518 (27.0%)	696 (20.2%)
Disagree	446 (23.2%)	814 (23.6%)
Not relevant	835 (43.4%)	1,712 (49.6%)
Unsure	113 (5.9%)	217 (6.3%)
(Missing)	12 (0.6%)	14 (0.4%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S30e. Summary of fitted attrition model in United Kingdom

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.92	0.82, 1.02	0.126
Recruitment Survey Mode			
CAWI	—	—	
CATI	0.88	0.73, 1.05	0.151
Happiness & life satisfaction	0.92	0.79, 1.09	0.339
Physical & mental health	1.01	0.89, 1.16	0.851
Meaning & purpose	1.06	0.91, 1.23	0.485
Character & virtue	0.96	0.86, 1.07	0.459
Close social relationships	0.91	0.81, 1.03	0.144
Financial & material security	1.04	0.94, 1.16	0.409
Extraversion	0.94	0.86, 1.03	0.200
Openness to experience	0.86	0.79, 0.95	0.002
Agreeableness	1.16	1.06, 1.28	0.001
Conscientiousness	1.06	0.97, 1.17	0.221
Neuroticism	1.02	0.91, 1.15	0.683
Depression symptoms composite	0.85	0.76, 0.95	0.003
Anxiety symptoms composite	0.92	0.82, 1.02	0.124
Loneliness	1.01	0.90, 1.13	0.874
Days exercise per week	1.06	0.97, 1.16	0.205
Year of birth (age group)			
1953-1963 (current age: 60-69 years)	—	—	
1943-1953 (current age: 70-79 years)	1.05	0.74, 1.50	0.787
1963-1973 (current age: 50-59 years)	1.23	0.88, 1.70	0.224
1983-1993 (current age: 30-39 years)	0.51	0.36, 0.72	1.17e-04
1973-1983 (current age: 40-49 years)	0.90	0.64, 1.27	0.539
1993-1998 (current age: 25-29 years)	0.41	0.27, 0.62	2.66e-05
1998-2005 (current age: 18-24 years)	0.26	0.15, 0.44	6.69e-07
1943 or earlier (current age: 80+ years)	0.93	0.54, 1.59	0.788
Gender of respondent			
Male	—	—	
Female	1.03	0.87, 1.23	0.701
Other	1.04	0.13, 8.24	0.969
Marital status			
Married	—	—	
Single/Never been married	1.16	0.91, 1.48	0.225
Domestic partner	1.02	0.75, 1.39	0.891
Divorced	1.19	0.84, 1.69	0.328
Widowed	1.20	0.80, 1.80	0.388
Separated	0.76	0.45, 1.27	0.293
Employment status			
Employed for an employer	—	—	
Retired	0.89	0.63, 1.25	0.503
Self-employed	1.02	0.75, 1.38	0.917
None of these/Other	0.85	0.54, 1.34	0.490
Homemaker	1.73	0.96, 3.13	0.067
Unemployed and looking for a job	1.51	0.92, 2.49	0.103
Student	1.14	0.68, 1.92	0.626
Religious attendance			
Never	—	—	
A few times a year	0.79	0.64, 0.98	0.034
Once a week	0.73	0.54, 0.98	0.037
More than once a week	0.54	0.37, 0.79	0.001

Table S30e. Summary of fitted attrition model in United Kingdom

Characteristic	Odds Ratio	95% CI	p-value
<i>One to three times a month</i>	1.15	0.80, 1.65	0.460
Educational attainment (16+ years)			
<i>9-15</i>	—	—	
<i>16+</i>	1.12	0.93, 1.35	0.221
<i>Up to 8</i>	0.91	0.63, 1.32	0.630
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	1.09	0.85, 1.41	0.481
Race plurality (prominent race/ethnic group [0] or not [1])	0.96	0.88, 1.05	0.392
Urbanicity			
<i>A small town or village</i>	—	—	
<i>A suburb of a large city</i>	0.99	0.80, 1.24	0.956
<i>A large city</i>	0.88	0.71, 1.09	0.253
<i>A rural area or on a farm</i>	0.94	0.71, 1.24	0.650
Monthly household income			
<i>United Kingdom: 1,501 - 2,000 pounds</i>	—	—	
<i>United Kingdom: 1,001 - 1,500 pounds</i>	1.11	0.80, 1.55	0.518
<i>United Kingdom: 3,001 - 4,000 pounds</i>	1.36	0.98, 1.90	0.066
<i>United Kingdom: 2,001 - 2,500 pounds</i>	0.87	0.62, 1.22	0.414
<i>United Kingdom: 2,501 - 3,000 pounds</i>	1.14	0.81, 1.59	0.451
<i>United Kingdom: 501 - 1,000 pounds</i>	0.81	0.56, 1.16	0.252
<i>United Kingdom: 4,001 - 5,000 pounds</i>	1.17	0.80, 1.72	0.415
<i>United Kingdom: More than 8,000 pounds</i>	1.09	0.72, 1.63	0.694
<i>United Kingdom: 5,001 - 6,000 pounds</i>	0.79	0.51, 1.21	0.278
<i>United Kingdom: 6,001 - 8,000 pounds</i>	0.73	0.48, 1.11	0.143
<i>United Kingdom: 500 pounds or less</i>	0.95	0.56, 1.60	0.844
<i>(None/No household income)</i>	0.69	0.40, 1.20	0.190

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=5368; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S30f. Summary of principal components in United Kingdom

PC	Percent Explained by each PC	Cumulative Percent Explained
1	35.37	35.37
2	7.53	42.90
3	6.90	49.80
4	2.46	52.26
5	2.19	54.45
6	1.74	56.19
7	1.45	57.64
8	1.43	59.07
9	1.32	60.39
10	1.25	61.64
11	1.23	62.87
12	1.20	64.06
13	1.15	65.21
14	1.06	66.27
15	1.03	67.30
16	1.01	68.31
17	0.99	69.30
18	0.96	70.26
19	0.95	71.21
20	0.94	72.14

Notes. N=5368; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S30g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in United Kingdom

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.81	(0.78,0.84)	0.02	2.22e-16***	0.63	(0.58,0.67)	0.02	2.22e-16***
Flourishing index	0.78	(0.74,0.81)	0.02	2.22e-16***	0.56	(0.52,0.60)	0.02	2.22e-16***
Happiness & life satisfaction	0.66	(0.62,0.69)	0.02	2.22e-16***	0.27	(0.23,0.31)	0.02	2.22e-16***
Physical & mental health	0.61	(0.57,0.65)	0.02	2.22e-16***	0.22	(0.18,0.26)	0.02	2.22e-16***
Meaning & purpose	0.66	(0.62,0.69)	0.02	2.22e-16***	0.31	(0.27,0.35)	0.02	2.22e-16***
Character & virtue	0.44	(0.40,0.47)	0.02	2.22e-16***	0.15	(0.11,0.18)	0.02	2e-15***
Close social relationships	0.57	(0.53,0.60)	0.02	2.22e-16***	0.23	(0.19,0.26)	0.02	2.22e-16***
Financial & material security	0.45	(0.41,0.49)	0.02	2.22e-16***	0.17	(0.14,0.20)	0.02	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.61	(0.58,0.65)	0.02	2.22e-16***	0.22	(0.18,0.26)	0.02	2.22e-16***
Happiness (a)	0.62	(0.59,0.66)	0.02	2.22e-16***	0.21	(0.17,0.25)	0.02	2.22e-16***
Self-rated physical health (b)	0.44	(0.40,0.48)	0.02	2.22e-16***	0.15	(0.11,0.18)	0.02	2.22e-16***
Self-rated mental health (b)	0.60	(0.56,0.64)	0.02	2.22e-16***	0.17	(0.13,0.22)	0.02	2.86e-14***
Understanding purpose (c)	0.56	(0.52,0.60)	0.02	2.22e-16***	0.22	(0.18,0.26)	0.02	2.22e-16***
Meaningful activities (c)	0.59	(0.56,0.63)	0.02	2.22e-16***	0.22	(0.18,0.26)	0.02	2.22e-16***
Orientation to promote good (d)	0.40	(0.36,0.44)	0.02	2.22e-16***	0.13	(0.10,0.16)	0.02	1.76e-13***
Delayed gratification (d)	0.34	(0.30,0.38)	0.02	2.22e-16***	0.09	(0.06,0.12)	0.02	1.04e-08***
Relationship contentment (e)	0.55	(0.51,0.58)	0.02	2.22e-16***	0.20	(0.17,0.24)	0.02	2.22e-16***
Relationship satisfaction (e)	0.53	(0.49,0.56)	0.02	2.22e-16***	0.18	(0.15,0.21)	0.02	2.22e-16***
Financial security (f)	0.42	(0.39,0.46)	0.02	2.22e-16***	0.15	(0.13,0.18)	0.01	2.22e-16***
Material security (f)	0.40	(0.36,0.44)	0.02	2.22e-16***	0.11	(0.08,0.14)	0.02	2.36e-12***
<i>Psychological Well-Being</i>								
Current life evaluation	0.50	(0.46,0.54)	0.02	2.22e-16***	0.14	(0.11,0.17)	0.02	2.11e-15***
Future life evaluation	0.42	(0.38,0.46)	0.02	2.22e-16***	0.10	(0.07,0.14)	0.02	6.28e-09***
Optimism	0.52	(0.48,0.56)	0.02	2.22e-16***	0.14	(0.10,0.17)	0.02	6.53e-12***
Freedom to pursue what's important	0.50	(0.47,0.54)	0.02	2.22e-16***	0.16	(0.12,0.19)	0.02	2.22e-16***
Inner peace	0.45	(0.41,0.48)	0.02	2.22e-16***	0.05	(0.02,0.08)	0.02	2.73e-03**
Life balance	0.44	(0.41,0.48)	0.02	2.22e-16***	0.05	(0.02,0.08)	0.02	4.49e-04***
Sense of mastery	0.36	(0.32,0.39)	0.02	2.22e-16***	0.03	(0.00,0.06)	0.01	0.031*
<i>Psychological Distress</i>								
Traumatic distress	-0.16	(-0.20,-0.12)	0.02	2.22e-16***	-0.01	(-0.04,0.01)	0.01	0.365
Depression symptoms composite	-0.36	(-0.40,-0.33)	0.02	2.22e-16***	-0.01	(-0.04,0.02)	0.02	0.519
Depression – feel hopeless	-0.37	(-0.40,-0.33)	0.02	2.22e-16***	0.01	(-0.02,0.05)	0.02	0.488
Depression – loss of interest	-0.29	(-0.33,-0.25)	0.02	2.22e-16***	0.03	(-0.01,0.06)	0.02	0.117
Anxiety symptoms composite	-0.32	(-0.36,-0.28)	0.02	2.22e-16***	0.04	(0.00,0.07)	0.02	0.025*
Anxiety – feel on edge	-0.30	(-0.33,-0.26)	0.02	2.22e-16***	0.08	(0.04,0.11)	0.02	1.26e-05***
Anxiety – cannot stop worrying	-0.29	(-0.33,-0.25)	0.02	2.22e-16***	0.08	(0.04,0.11)	0.02	8.13e-06***
Suffering	-0.32	(-0.35,-0.28)	0.02	2.22e-16***	-0.03	(-0.06,-0.00)	0.02	0.042*
<i>Social Well-Being</i>								
Social support	0.37	(0.33,0.41)	0.02	2.22e-16***	0.08	(0.04,0.11)	0.02	2.81e-05***
Intimate/close friend	0.16	(0.12,0.20)	0.02	2.22e-16***	0.02	(-0.00,0.05)	0.01	0.106
Government approval	0.14	(0.11,0.17)	0.02	2.22e-16***	0.02	(-0.00,0.04)	0.01	0.110
Say in government	0.13	(0.10,0.17)	0.02	5.44e-15***	0.01	(-0.02,0.03)	0.01	0.504
Belonging in country	0.31	(0.27,0.35)	0.02	2.22e-16***	0.04	(0.01,0.07)	0.02	0.013*
City/place satisfaction	0.23	(0.19,0.26)	0.02	2.22e-16***	0.03	(0.00,0.06)	0.01	0.027*
Trust within country	0.19	(0.15,0.22)	0.02	2.22e-16***	0.00	(-0.02,0.03)	0.01	0.708
<i>Social Participation</i>								
Ever been married	0.09	(0.01,0.18)	0.04	0.030*	0.05	(-0.00,0.11)	0.03	0.060
Currently divorced	0.03	(-0.02,0.07)	0.02	0.235	-0.00	(-0.03,0.02)	0.01	0.867
Number of children	-0.00	(-0.04,0.03)	0.02	0.864	-0.00	(-0.03,0.02)	0.01	0.760
Weekly+ community participation	0.06	(0.03,0.09)	0.02	2.4e-04***	-0.01	(-0.03,0.01)	0.01	0.407
Weekly+ religious attendance	0.09	(0.06,0.13)	0.02	5.82e-08***	0.01	(-0.02,0.05)	0.02	0.348
<i>Social Distress</i>								
Loneliness	-0.45	(-0.49,-0.41)	0.02	2.22e-16***	-0.13	(-0.17,-0.10)	0.02	2.22e-16***
Perceived discrimination	-0.11	(-0.15,-0.07)	0.02	1.21e-08***	-0.02	(-0.05,0.01)	0.01	0.163
<i>Character & Prosocial Behavior</i>								
Hope	0.52	(0.48,0.56)	0.02	2.22e-16***	0.16	(0.13,0.20)	0.02	2.22e-16***
Gratitude	0.48	(0.44,0.52)	0.02	2.22e-16***	0.14	(0.10,0.18)	0.02	7.19e-12***
Showing love/care	0.26	(0.22,0.30)	0.02	2.22e-16***	0.05	(0.02,0.08)	0.02	2.43e-03**
Forgivingness	0.11	(0.07,0.14)	0.02	9.09e-09***	0.02	(-0.00,0.05)	0.01	0.097
Charitable giving	0.07	(0.04,0.11)	0.02	5.95e-05***	0.02	(-0.01,0.04)	0.01	0.126
Helping strangers	0.01	(-0.03,0.05)	0.02	0.571	0.02	(-0.01,0.04)	0.01	0.209
Volunteering	0.07	(0.04,0.10)	0.02	1.11e-05***	0.02	(-0.01,0.04)	0.01	0.175
<i>Physical Health & Health Behavior</i>								
Health problems	-0.21	(-0.25,-0.17)	0.02	2.22e-16***	-0.09	(-0.12,-0.06)	0.01	5.26e-10***
Pain in past 4 weeks	-0.21	(-0.24,-0.17)	0.02	2.22e-16***	-0.04	(-0.07,-0.02)	0.01	5.43e-04***
Daily smoker	-0.02	(-0.05,0.02)	0.02	0.391	-0.02	(-0.05,0.00)	0.01	0.073
Number of drinks per week	0.01	(-0.02,0.04)	0.02	0.633	-0.00	(-0.02,0.02)	0.01	0.974
Days exercise per week	0.10	(0.06,0.13)	0.02	1.8e-07***	0.00	(-0.02,0.03)	0.01	0.791
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.04	(0.01,0.08)	0.02	0.007*	-0.00	(-0.02,0.02)	0.01	0.961
Currently employed	0.12	(0.07,0.16)	0.02	2.97e-07***	0.01	(-0.02,0.04)	0.02	0.586
Financially comfortable/getting by	0.28	(0.24,0.32)	0.02	2.22e-16***	0.08	(0.05,0.11)	0.02	4.02e-06***
Own home	0.11	(0.07,0.15)	0.02	1.99e-08***	0.03	(0.01,0.06)	0.01	0.015*
Income – top quintile	0.07	(0.03,0.11)	0.02	2.64e-04***	0.01	(-0.01,0.03)	0.01	0.457
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.16	(0.12,0.20)	0.02	1.89e-15***	0.06	(0.03,0.10)	0.02	5.37e-04***
Belief in life after death	0.03	(-0.01,0.07)	0.02	0.094	0.01	(-0.02,0.04)	0.02	0.509
Transformative religious experience	0.07	(0.04,0.11)	0.02	8.27e-05***	0.05	(0.02,0.08)	0.02	2.28e-03**
Religious reading or listening	0.05	(0.00,0.09)	0.02	0.029*	0.00	(-0.03,0.04)	0.02	0.874
Prayer or meditation	0.04	(-0.00,0.09)	0.02	0.063	0.02	(-0.02,0.06)	0.02	0.331
Belief in God/gods/spiritual forces	0.03	(-0.01,0.07)	0.02	0.147	0.00	(-0.03,0.03)	0.02	0.820
Religious centrality	0.14	(0.09,0.18)	0.02	2.53e-10***	0.06	(0.02,0.10)	0.02	1.37e-03**
Religious/spiritual comfort	0.09	(0.05,0.13)	0.02	3.83e-05***	0.04	(-0.00,0.08)	0.02	0.054
Feel loved by God	0.12	(0.08,0.16)	0.02	3.87e-08***	0.02	(-0.02,0.05)	0.02	0.374
Feel punished by God	-0.04	(-0.08,0.00)	0.02	0.060	-0.01	(-0.04,0.02)	0.02	0.443
Experienced religious criticism	0.01	(-0.02,0.05)	0.02	0.439	-0.01	(-0.04,0.02)	0.02	0.432
Faith-sharing	0.05	(0.01,0.09)	0.02	0.023*	-0.01	(-0.04,0.02)	0.02	0.398

Notes. N=5368; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S30h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in United Kingdom using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.77	(0.72,0.82)	0.02	2.22e-16***	0.61	(0.54,0.67)	0.03	2.22e-16***
Flourishing index	0.74	(0.70,0.79)	0.02	2.22e-16***	0.54	(0.47,0.61)	0.03	2.22e-16***
Happiness & life satisfaction	0.63	(0.57,0.68)	0.03	2.22e-16***	0.25	(0.19,0.31)	0.03	2.22e-16***
Physical & mental health	0.59	(0.53,0.65)	0.03	2.22e-16***	0.23	(0.16,0.30)	0.03	3.61e-11***
Meaning & purpose	0.63	(0.58,0.68)	0.03	2.22e-16***	0.31	(0.24,0.37)	0.03	2.22e-16***
Character & virtue	0.43	(0.38,0.47)	0.02	2.22e-16***	0.16	(0.11,0.20)	0.02	1.67e-11***
Close social relationships	0.55	(0.50,0.60)	0.03	2.22e-16***	0.22	(0.16,0.27)	0.03	9.99e-15***
Financial & material security	0.43	(0.38,0.48)	0.03	2.22e-16***	0.18	(0.14,0.22)	0.02	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.58	(0.53,0.64)	0.03	2.22e-16***	0.20	(0.13,0.26)	0.03	3.61e-10***
Happiness (a)	0.60	(0.55,0.65)	0.03	2.22e-16***	0.21	(0.15,0.27)	0.03	2.11e-12***
Self-rated physical health (b)	0.42	(0.36,0.48)	0.03	2.22e-16***	0.16	(0.11,0.21)	0.03	1.72e-10***
Self-rated mental health (b)	0.59	(0.53,0.65)	0.03	2.22e-16***	0.18	(0.11,0.24)	0.03	1.42e-07***
Understanding purpose (c)	0.55	(0.49,0.60)	0.03	2.22e-16***	0.23	(0.17,0.28)	0.03	6.92e-14***
Meaningful activities (c)	0.57	(0.52,0.62)	0.03	2.22e-16***	0.21	(0.15,0.26)	0.03	7.94e-14***
Orientation to promote good (d)	0.40	(0.35,0.45)	0.02	2.22e-16***	0.16	(0.11,0.21)	0.03	2.27e-09***
Delayed gratification (d)	0.33	(0.28,0.39)	0.03	2.22e-16***	0.09	(0.05,0.13)	0.02	7.32e-06***
Relationship contentment (e)	0.53	(0.48,0.59)	0.03	2.22e-16***	0.20	(0.14,0.26)	0.03	7.28e-12***
Relationship satisfaction (e)	0.50	(0.45,0.56)	0.03	2.22e-16***	0.17	(0.12,0.22)	0.03	4.02e-11***
Financial security (f)	0.40	(0.35,0.45)	0.03	2.22e-16***	0.17	(0.13,0.20)	0.02	2.22e-16***
Material security (f)	0.39	(0.34,0.44)	0.03	2.22e-16***	0.14	(0.09,0.18)	0.02	1.39e-09***
<i>Psychological Well-Being</i>								
Current life evaluation	0.49	(0.44,0.54)	0.03	2.22e-16***	0.14	(0.10,0.19)	0.02	2.73e-10***
Future life evaluation	0.40	(0.34,0.46)	0.03	2.22e-16***	0.08	(0.02,0.14)	0.03	0.006*
Optimism	0.51	(0.46,0.57)	0.03	2.22e-16***	0.13	(0.08,0.19)	0.03	3.53e-06***
Freedom to pursue what's important	0.50	(0.45,0.55)	0.02	2.22e-16***	0.17	(0.12,0.22)	0.03	3.09e-11***
Inner peace	0.44	(0.39,0.49)	0.02	2.22e-16***	0.03	(-0.02,0.07)	0.02	0.259
Life balance	0.42	(0.38,0.47)	0.02	2.22e-16***	0.04	(0.00,0.09)	0.02	0.050
Sense of mastery	0.35	(0.30,0.40)	0.03	2.22e-16***	0.02	(-0.02,0.07)	0.02	0.341
<i>Psychological Distress</i>								
Traumatic distress	-0.17	(-0.22,-0.12)	0.02	9.16e-12***	0.01	(-0.03,0.04)	0.02	0.743
Depression symptoms composite	-0.39	(-0.44,-0.34)	0.03	2.22e-16***	-0.03	(-0.08,0.01)	0.02	0.176
Depression – feel hopeless	-0.38	(-0.43,-0.33)	0.03	2.22e-16***	0.01	(-0.04,0.06)	0.03	0.723
Depression – loss of interest	-0.30	(-0.35,-0.25)	0.03	2.22e-16***	0.03	(-0.01,0.08)	0.02	0.188
Anxiety symptoms composite	-0.32	(-0.38,-0.27)	0.03	2.22e-16***	0.03	(-0.01,0.08)	0.02	0.182
Anxiety – feel on edge	-0.31	(-0.36,-0.26)	0.03	2.22e-16***	0.07	(0.02,0.12)	0.03	0.008*
Anxiety – cannot stop worrying	-0.30	(-0.36,-0.25)	0.03	2.22e-16***	0.09	(0.04,0.13)	0.02	5.02e-04***
Suffering	-0.35	(-0.39,-0.30)	0.02	2.22e-16***	-0.04	(-0.08,-0.00)	0.02	0.042*
<i>Social Well-Being</i>								
Social support	0.36	(0.31,0.41)	0.03	2.22e-16***	0.09	(0.04,0.13)	0.02	6.45e-05***
Intimate/close friend	0.15	(0.10,0.19)	0.02	4.32e-10***	0.03	(-0.01,0.06)	0.02	0.130
Government approval	0.13	(0.09,0.17)	0.02	1e-09***	0.01	(-0.03,0.04)	0.02	0.746
Say in government	0.14	(0.09,0.18)	0.02	1.91e-09***	0.01	(-0.02,0.04)	0.02	0.564
Belonging in country	0.30	(0.24,0.35)	0.03	2.22e-16***	0.03	(-0.01,0.08)	0.02	0.167
City/place satisfaction	0.20	(0.16,0.25)	0.02	2.22e-16***	0.02	(-0.02,0.06)	0.02	0.264
Trust within country	0.17	(0.13,0.22)	0.02	1.55e-13***	0.01	(-0.03,0.04)	0.02	0.629
<i>Social Participation</i>								
Ever been married	0.14	(0.04,0.24)	0.05	0.006*	0.07	(0.00,0.13)	0.03	0.042*
Currently divorced	0.05	(-0.00,0.10)	0.02	0.061	0.01	(-0.03,0.04)	0.02	0.742
Number of children	0.00	(-0.04,0.05)	0.02	0.970	-0.00	(-0.04,0.04)	0.02	0.977
Weekly+ community participation	0.05	(0.01,0.09)	0.02	0.008*	-0.01	(-0.04,0.02)	0.02	0.530
Weekly+ religious attendance	0.09	(0.04,0.13)	0.02	4.87e-05***	0.00	(-0.04,0.05)	0.02	0.909
<i>Social Distress</i>								
Loneliness	-0.42	(-0.48,-0.37)	0.03	2.22e-16***	-0.12	(-0.16,-0.08)	0.02	1.43e-08***
Perceived discrimination	-0.10	(-0.15,-0.04)	0.03	2.58e-04***	-0.01	(-0.05,0.03)	0.02	0.602
<i>Character & Prosocial Behavior</i>								
Hope	0.52	(0.47,0.57)	0.03	2.22e-16***	0.17	(0.12,0.22)	0.03	3.46e-11***
Gratitude	0.47	(0.42,0.52)	0.03	2.22e-16***	0.15	(0.09,0.21)	0.03	6e-07***
Showing love/care	0.26	(0.21,0.30)	0.03	2.22e-16***	0.05	(0.01,0.10)	0.02	0.018*
Forgivingness	0.12	(0.07,0.17)	0.02	3.69e-07***	0.03	(-0.01,0.07)	0.02	0.112
Charitable giving	0.06	(0.01,0.10)	0.02	0.013*	0.02	(-0.02,0.05)	0.02	0.371
Helping strangers	0.04	(-0.01,0.08)	0.02	0.101	0.03	(-0.01,0.06)	0.02	0.117
Volunteering	0.08	(0.04,0.13)	0.02	5.65e-05***	0.02	(-0.01,0.06)	0.02	0.155
<i>Physical Health & Health Behavior</i>								
Health problems	-0.22	(-0.27,-0.17)	0.03	2.22e-16***	-0.12	(-0.16,-0.08)	0.02	3.69e-08***
Pain in past 4 weeks	-0.21	(-0.26,-0.17)	0.02	2.22e-16***	-0.04	(-0.07,-0.00)	0.02	0.042*
Daily smoker	-0.01	(-0.06,0.04)	0.02	0.584	-0.03	(-0.07,0.01)	0.02	0.148
Number of drinks per week	0.00	(-0.03,0.04)	0.02	0.903	0.01	(-0.02,0.03)	0.01	0.533
Days exercise per week	0.09	(0.04,0.14)	0.02	3.38e-04***	0.00	(-0.03,0.04)	0.02	0.952
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.04	(0.00,0.08)	0.02	0.047*	-0.00	(-0.04,0.04)	0.02	0.976
Currently employed	0.10	(0.04,0.15)	0.03	1.3e-03**	0.02	(-0.03,0.07)	0.03	0.456
Financially comfortable/getting by	0.29	(0.24,0.34)	0.03	2.22e-16***	0.09	(0.05,0.13)	0.02	4.75e-05***
Own home	0.11	(0.06,0.16)	0.03	1.9e-05***	0.04	(-0.00,0.07)	0.02	0.069
Income – top quintile	0.08	(0.03,0.14)	0.03	3.35e-03**	0.01	(-0.03,0.05)	0.02	0.720
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.20	(0.15,0.25)	0.03	2.4e-14***	0.08	(0.03,0.14)	0.03	2.67e-03**
Belief in life after death	0.03	(-0.02,0.08)	0.03	0.187	-0.00	(-0.04,0.04)	0.02	0.937
Transformative religious experience	0.08	(0.03,0.13)	0.02	6.4e-04***	0.06	(0.01,0.10)	0.02	0.013*
Religious reading or listening	0.07	(0.02,0.13)	0.03	0.009*	0.01	(-0.04,0.06)	0.02	0.675
Prayer or meditation	0.08	(0.02,0.13)	0.03	0.007*	0.04	(-0.02,0.10)	0.03	0.183
Belief in God/gods/spiritual forces	0.03	(-0.03,0.08)	0.03	0.308	-0.01	(-0.05,0.03)	0.02	0.679
Religious centrality	0.12	(0.07,0.18)	0.03	6.76e-06***	0.03	(-0.02,0.09)	0.03	0.262
Religious/spiritual comfort	0.10	(0.05,0.15)	0.03	2.73e-04***	0.02	(-0.05,0.08)	0.03	0.593
Feel loved by God	0.14	(0.09,0.19)	0.03	3.07e-07***	0.00	(-0.05,0.06)	0.03	0.901
Feel punished by God	-0.05	(-0.10,0.01)	0.03	0.084	-0.00	(-0.05,0.05)	0.03	0.856
Experienced religious criticism	-0.00	(-0.05,0.05)	0.03	0.938	-0.01	(-0.06,0.03)	0.02	0.482
Faith-sharing	0.03	(-0.02,0.08)	0.03	0.267	-0.03	(-0.07,0.02)	0.02	0.197

Notes. N=3619; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S30i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in United Kingdom

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.47	2.41	2.16	2.09	2.39	2.31	2.11	2.00
Flourishing index	2.39	2.34	2.03	1.96	2.32	2.25	1.99	1.89
Happiness & life satisfaction	1.99	1.94	1.49	1.44	1.94	1.88	1.47	1.39
Physical & mental health	1.93	1.88	1.43	1.38	1.90	1.82	1.44	1.35
Meaning & purpose	1.93	1.89	1.53	1.48	1.88	1.82	1.51	1.43
Character & virtue	1.85	1.79	1.38	1.32	1.83	1.76	1.40	1.32
Close social relationships	1.81	1.77	1.41	1.37	1.78	1.72	1.40	1.33
Financial & material security	1.59	1.55	1.30	1.27	1.57	1.52	1.31	1.27
Individual Flourishing Index Items								
Life satisfaction	1.86	1.82	1.40	1.35	1.83	1.77	1.37	1.29
Happiness	1.95	1.91	1.42	1.37	1.91	1.85	1.42	1.34
Self-rated physical health	1.67	1.62	1.31	1.27	1.65	1.58	1.33	1.27
Self-rated mental health	1.80	1.76	1.33	1.27	1.78	1.72	1.33	1.25
Understanding purpose	1.72	1.68	1.37	1.33	1.69	1.64	1.37	1.30
Meaningful activities	1.83	1.79	1.40	1.35	1.80	1.74	1.39	1.32
Orientation to promote good	1.74	1.69	1.34	1.28	1.74	1.67	1.38	1.29
Delayed gratification	1.60	1.55	1.25	1.19	1.59	1.52	1.25	1.18
Relationship contentment	1.78	1.74	1.38	1.33	1.76	1.70	1.38	1.30
Relationship satisfaction	1.72	1.68	1.34	1.29	1.69	1.63	1.32	1.26
Financial security	1.53	1.50	1.27	1.24	1.50	1.46	1.28	1.24
Material security	1.53	1.49	1.23	1.19	1.52	1.47	1.26	1.20
Psychological Well-Being								
Current life evaluation	1.82	1.77	1.33	1.28	1.80	1.73	1.33	1.26
Future life evaluation	1.69	1.64	1.26	1.20	1.67	1.59	1.23	1.11
Optimism	1.72	1.67	1.28	1.23	1.71	1.64	1.28	1.20
Freedom to pursue what's important	1.70	1.66	1.31	1.27	1.70	1.65	1.33	1.27
Inner peace	4.34	3.99	1.45	1.23	4.30	3.86	1.30	1.00
Life balance	4.20	3.87	1.46	1.27	4.04	3.62	1.40	1.01
Sense of mastery	3.92	3.55	1.36	1.09	3.76	3.29	1.28	1.00
Psychological Distress								
Traumatic distress	2.05	1.84	1.18	1.00	2.14	1.85	1.12	1.00
Depression symptoms composite	3.54	3.24	1.17	1.00	3.76	3.33	1.33	1.00
Depression – feel hopeless	3.79	3.44	1.19	1.00	3.95	3.47	1.17	1.00
Depression – loss of interest	3.01	2.73	1.29	1.00	3.12	2.73	1.33	1.00
Anxiety symptoms composite	3.18	2.89	1.37	1.11	3.23	2.84	1.33	1.00
Anxiety – feel on edge	3.11	2.82	1.64	1.42	3.26	2.84	1.58	1.24
Anxiety – cannot stop worrying	3.09	2.79	1.63	1.42	3.15	2.75	1.67	1.38
Suffering	2.96	2.73	1.31	1.05	3.17	2.86	1.36	1.06
Social Well-Being								
Social support	1.56	1.51	1.20	1.14	1.55	1.49	1.22	1.15
Intimate/close friend	2.30	2.03	1.28	1.00	2.21	1.87	1.33	1.00
Government approval	2.11	1.90	1.26	1.00	2.01	1.74	1.12	1.00
Say in government	1.99	1.78	1.15	1.00	2.01	1.73	1.17	1.00
Belonging in country	1.48	1.44	1.13	1.06	1.46	1.40	1.12	1.00
City/place satisfaction	2.51	2.27	1.32	1.09	2.37	2.07	1.25	1.00
Trust within country	2.21	2.00	1.11	1.00	2.16	1.89	1.15	1.00
Social Participation								
Ever been married	1.66	1.15	1.44	1.00	1.93	1.37	1.53	1.07
Currently divorced	1.40	1.00	1.10	1.00	1.61	1.00	1.17	1.00
Number of children	1.05	1.00	1.06	1.00	1.03	1.00	1.02	1.00
Weekly+ community participation	1.52	1.31	1.17	1.00	1.49	1.21	1.17	1.00
Weekly+ religious attendance	1.87	1.61	1.24	1.00	1.82	1.50	1.09	1.00
Social Distress								
Loneliness	1.57	1.53	1.25	1.22	1.54	1.49	1.24	1.19
Perceived discrimination	1.86	1.62	1.26	1.00	1.78	1.44	1.18	1.00
Character & Prosocial Behavior								
Hope	1.77	1.73	1.34	1.29	1.76	1.70	1.35	1.28
Gratitude	1.70	1.65	1.29	1.24	1.67	1.61	1.31	1.23
Showing love/care	1.50	1.45	1.17	1.10	1.50	1.43	1.18	1.07
Forgivingness	1.78	1.57	1.26	1.00	1.85	1.58	1.31	1.00
Charitable giving	1.55	1.35	1.22	1.00	1.47	1.18	1.20	1.00
Helping strangers	1.16	1.00	1.20	1.00	1.34	1.00	1.27	1.00
Volunteering	1.58	1.38	1.22	1.00	1.65	1.41	1.28	1.00
Physical Health & Health Behavior								
Health problems	2.41	2.17	1.69	1.53	2.46	2.14	1.83	1.59
Pain in past 4 weeks	2.27	2.07	1.39	1.23	2.31	2.05	1.34	1.05
Daily smoker	1.24	1.00	1.30	1.00	1.22	1.00	1.35	1.00
Number of drinks per week	1.03	1.00	1.01	1.00	1.02	1.00	1.03	1.00
Days exercise per week	1.24	1.18	1.04	1.00	1.22	1.14	1.02	1.00
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.39	1.18	1.03	1.00	1.38	1.04	1.03	1.00
Currently employed	1.80	1.55	1.15	1.00	1.68	1.35	1.23	1.00
Financially comfortable/getting by	3.10	2.79	1.65	1.44	3.14	2.73	1.73	1.45
Own home	1.76	1.55	1.33	1.13	1.75	1.48	1.34	1.00
Income – top quintile	1.61	1.36	1.16	1.00	1.70	1.33	1.15	1.00
Religion & Spirituality								
Religious/spiritual connection	2.04	1.82	1.49	1.29	2.25	1.96	1.60	1.30
Belief in life after death	1.32	1.00	1.16	1.00	1.33	1.00	1.06	1.00
Transformative religious experience	1.62	1.38	1.46	1.24	1.69	1.38	1.54	1.20
Religious reading or listening	1.53	1.13	1.09	1.00	1.74	1.29	1.20	1.00
Prayer or meditation	1.42	1.00	1.24	1.00	1.63	1.27	1.39	1.00
Belief in God/gods/spiritual forces	1.31	1.00	1.09	1.00	1.29	1.00	1.15	1.00
Religious centrality	1.97	1.72	1.52	1.28	1.90	1.58	1.33	1.00
Religious/spiritual comfort	1.65	1.41	1.37	1.00	1.72	1.41	1.22	1.00
Feel loved by God	1.84	1.60	1.22	1.00	1.96	1.65	1.09	1.00
Feel punished by God	1.49	1.00	1.23	1.00	1.60	1.00	1.14	1.00
Experienced religious criticism	1.27	1.00	1.25	1.00	1.09	1.00	1.28	1.00
Faith-sharing	1.45	1.14	1.20	1.00	1.34	1.00	1.33	1.00

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

Table S31a. Weighted summary statistics for demographic and childhood variables in United States

Characteristic	Wave 1 N = 38,312	Wave 2 N = 32,310
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	1,553 (4.1%)	1,508 (4.7%)
1943-1953 (current age: 70-79 years)	4,433 (11.6%)	4,061 (12.6%)
1953-1963 (current age: 60-69 years)	7,676 (20.0%)	6,643 (20.6%)
1963-1973 (current age: 50-59 years)	7,391 (19.3%)	5,957 (18.4%)
1973-1983 (current age: 40-49 years)	5,970 (15.6%)	5,179 (16.0%)
1983-1993 (current age: 30-39 years)	6,965 (18.2%)	5,877 (18.2%)
1993-1998 (current age: 25-29 years)	2,844 (7.4%)	2,215 (6.9%)
1998-2005 (current age: 18-24 years)	1,480 (3.9%)	870 (2.7%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	51.4	52.4
Standard Deviation	16.8	16.7
Min, Max	18.0, 99.0	19.0, 99.0
<i>Gender, n (%)</i>		
Male	17,982 (46.9%)	15,178 (47.0%)
Female	19,905 (52.0%)	16,808 (52.0%)
Other	305 (0.8%)	255 (0.8%)
(Missing)	121 (0.3%)	69 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	7,995 (20.9%)	6,438 (19.9%)
Married	21,638 (56.5%)	18,465 (57.2%)
Separated	652 (1.7%)	483 (1.5%)
Divorced	3,930 (10.3%)	3,373 (10.4%)
Widowed	2,080 (5.4%)	1,860 (5.8%)
Domestic partner	1,827 (4.8%)	1,531 (4.7%)
(Missing)	189 (0.5%)	159 (0.5%)
<i>Education (years), n (%)</i>		
Up to 8	104 (0.3%)	75 (0.2%)
9-15	22,794 (59.5%)	18,884 (58.4%)
16+	15,328 (40.0%)	13,342 (41.3%)
(Missing)	86 (0.2%)	8 (0.0%)
<i>Employment status, n (%)</i>		
Employed for an employer	19,874 (51.9%)	16,827 (52.1%)
Self-employed	3,274 (8.5%)	2,703 (8.4%)
Retired	9,778 (25.5%)	8,590 (26.6%)
Student	795 (2.1%)	570 (1.8%)
Homemaker	2,063 (5.4%)	1,545 (4.8%)
Unemployed and looking for a job	1,263 (3.3%)	1,005 (3.1%)
None of these/Other	1,181 (3.1%)	936 (2.9%)
(Missing)	84 (0.2%)	133 (0.4%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	2,685 (7.0%)	2,456 (7.6%)
Once a week	6,254 (16.3%)	5,253 (16.3%)
One to three times a month	2,868 (7.5%)	2,398 (7.4%)
A few times a year	9,067 (23.7%)	6,912 (21.4%)
Never	17,319 (45.2%)	15,068 (46.6%)
(Missing)	120 (0.3%)	222 (0.7%)
<i>Immigration status, n (%)</i>		
Born in this country	35,040 (91.5%)	29,551 (91.5%)

Table S31a. Weighted summary statistics for demographic and childhood variables in United States

Characteristic	Wave 1 N = 38,312	Wave 2 N = 32,310
Born in another country	2,903 (7.6%)	2,459 (7.6%)
(Missing)	369 (1.0%)	299 (0.9%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	28,371 (74.1%)	24,030 (74.4%)
Parents were divorced	6,143 (16.0%)	5,123 (15.9%)
Parents were never married	2,371 (6.2%)	1,939 (6.0%)
One or both of them had died	1,030 (2.7%)	916 (2.8%)
Unsure	343 (0.9%)	257 (0.8%)
(Missing)	54 (0.1%)	44 (0.1%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	19,303 (50.4%)	16,275 (50.4%)
One to three times a month	6,734 (17.6%)	5,677 (17.6%)
Less than once a month	5,609 (14.6%)	4,871 (15.1%)
Never	6,518 (17.0%)	5,362 (16.6%)
(Missing)	148 (0.4%)	124 (0.4%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	21,001 (54.8%)	17,789 (55.1%)
Somewhat good	11,506 (30.0%)	9,712 (30.1%)
Somewhat bad	3,446 (9.0%)	2,942 (9.1%)
Very bad	1,602 (4.2%)	1,280 (4.0%)
(Does not apply)	636 (1.7%)	488 (1.5%)
(Missing)	121 (0.3%)	98 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	15,777 (41.2%)	13,257 (41.0%)
Somewhat good	12,712 (33.2%)	10,737 (33.2%)
Somewhat bad	4,692 (12.2%)	4,047 (12.5%)
Very bad	2,430 (6.3%)	2,009 (6.2%)
(Does not apply)	2,656 (6.9%)	2,222 (6.9%)
(Missing)	46 (0.1%)	38 (0.1%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	9,435 (24.6%)	7,832 (24.2%)
No	28,516 (74.4%)	24,195 (74.9%)
(Missing)	361 (0.9%)	283 (0.9%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	9,627 (25.1%)	8,048 (24.9%)
No	28,442 (74.2%)	24,053 (74.4%)
(Missing)	243 (0.6%)	209 (0.6%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	17,674 (46.1%)	15,055 (46.6%)
Very good	12,259 (32.0%)	10,249 (31.7%)
Good	5,944 (15.5%)	5,011 (15.5%)
Fair	1,908 (5.0%)	1,558 (4.8%)
Poor	446 (1.2%)	362 (1.1%)
(Missing)	82 (0.2%)	74 (0.2%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	15,474 (40.4%)	12,985 (40.2%)
Got by	15,647 (40.8%)	13,290 (41.1%)
Found it difficult	4,954 (12.9%)	4,171 (12.9%)
Found it very difficult	2,216 (5.8%)	1,846 (5.7%)
(Missing)	21 (0.1%)	18 (0.1%)

Table S31a. Weighted summary statistics for demographic and childhood variables in United States

Characteristic	Wave 1 N = 38,312	Wave 2 N = 32,310
<i>Religious affiliation growing up, n (%)</i>		
Christianity	31,211 (81.5%)	26,360 (81.6%)
Taoism	17 (0.0%)	14 (0.0%)
Confucianism	8 (0.0%)	7 (0.0%)
Primal, Animist, or Folk religion	51 (0.1%)	37 (0.1%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	195 (0.5%)	157 (0.5%)
Hinduism	184 (0.5%)	129 (0.4%)
Buddhism	158 (0.4%)	128 (0.4%)
Judaism	843 (2.2%)	738 (2.3%)
Sikhism	41 (0.1%)	19 (0.1%)
Baha'i	5 (0.0%)	5 (0.0%)
Jainism	11 (0.0%)	11 (0.0%)
Shinto	6 (0.0%)	5 (0.0%)
Some other religion	315 (0.8%)	262 (0.8%)
No religion/Atheist/Agnostic	5,183 (13.5%)	4,357 (13.5%)
(Missing)	84 (0.2%)	79 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S31b. Weighted summary statistics for exposure and outcome variables in United States

Outcome	Wave 1 N = 38,312	Wave 2 N = 32,310
<i>Secure flourishing index</i>		
Mean	7.2	7.1
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	503 (1.3%)	1,282 (4.0%)
<i>Flourishing index</i>		
Mean	7.3	7.2
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	448 (1.2%)	1,227 (3.8%)
<i>Happiness & life satisfaction</i>		
Mean	7.1	6.8
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	70 (0.2%)	90 (0.3%)
<i>Physical & mental health</i>		
Mean	7.1	7.0
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	42 (0.1%)	822 (2.5%)
<i>Meaning & purpose</i>		
Mean	7.3	7.2
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	81 (0.2%)	160 (0.5%)
<i>Character & virtue</i>		
Mean	7.7	7.6
Standard Deviation	1.5	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	174 (0.5%)	129 (0.4%)
<i>Close social relationships</i>		
Mean	7.3	7.2
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	119 (0.3%)	80 (0.2%)
<i>Financial & material security</i>		
Mean	7.0	6.8
Standard Deviation	2.8	2.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	61 (0.2%)	62 (0.2%)
<i>Life satisfaction</i>		
Mean	7.0	6.8
Standard Deviation	2.1	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	48 (0.1%)	46 (0.1%)
<i>Happiness</i>		
Mean	7.1	6.9
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (<0.1%)	44 (0.1%)

Table S31b. Weighted summary statistics for exposure and outcome variables in United States

Outcome	Wave 1 N = 38,312	Wave 2 N = 32,310
<i>Self-rated physical health</i>		
Mean	6.9	6.7
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (<0.1%)	808 (2.5%)
<i>Self-rated mental health</i>		
Mean	7.4	7.3
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (<0.1%)	167 (0.5%)
<i>Understanding purpose</i>		
Mean	7.1	7.1
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	60 (0.2%)	109 (0.3%)
<i>Meaningful activities</i>		
Mean	7.4	7.2
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	22 (<0.1%)	53 (0.2%)
<i>Orientation to promote good</i>		
Mean	8.0	7.8
Standard Deviation	1.6	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	54 (0.1%)	56 (0.2%)
<i>Delayed gratification</i>		
Mean	7.5	7.4
Standard Deviation	1.9	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	132 (0.3%)	83 (0.3%)
<i>Relationship contentment</i>		
Mean	7.5	7.4
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	60 (0.2%)	40 (0.1%)
<i>Relationship satisfaction</i>		
Mean	7.1	7.0
Standard Deviation	2.4	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	67 (0.2%)	45 (0.1%)
<i>Financial security</i>		
Mean	6.7	6.6
Standard Deviation	3.0	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	24 (<0.1%)	30 (<0.1%)
<i>Material security</i>		
Mean	7.2	7.1
Standard Deviation	2.8	2.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	40 (0.1%)	35 (0.1%)

Table S31b. Weighted summary statistics for exposure and outcome variables in United States

Outcome	Wave 1 N = 38,312	Wave 2 N = 32,310
<i>Current life evaluation</i>		
Mean	7.1	6.7
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	25 (<0.1%)	21 (<0.1%)
<i>Future life evaluation</i>		
Mean	7.8	7.5
Standard Deviation	1.9	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	73 (0.2%)	65 (0.2%)
<i>Optimism</i>		
Mean	7.8	7.6
Standard Deviation	2.2	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	194 (0.5%)	166 (0.5%)
<i>Freedom to pursue what's important</i>		
Mean	7.3	7.1
Standard Deviation	2.5	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	44 (0.1%)	22 (<0.1%)
<i>Inner peace, n (%)</i>		
Always	6,330 (16.5%)	4,977 (15.4%)
Often	24,591 (64.2%)	20,562 (63.6%)
Rarely	6,758 (17.6%)	5,678 (17.6%)
Never	534 (1.4%)	476 (1.5%)
(Missing)	100 (0.3%)	616 (1.9%)
<i>Life balance, n (%)</i>		
Always	3,510 (9.2%)	2,663 (8.2%)
Often	25,641 (66.9%)	21,619 (66.9%)
Rarely	8,302 (21.7%)	7,225 (22.4%)
Never	768 (2.0%)	606 (1.9%)
(Missing)	90 (0.2%)	197 (0.6%)
<i>Sense of mastery, n (%)</i>		
Always	6,870 (17.9%)	4,910 (15.2%)
Often	26,782 (69.9%)	23,029 (71.3%)
Rarely	4,168 (10.9%)	3,802 (11.8%)
Never	288 (0.8%)	332 (1.0%)
(Missing)	203 (0.5%)	236 (0.7%)
<i>Traumatic distress, n (%)</i>		
A lot	2,498 (6.5%)	1,973 (6.1%)
Some	7,564 (19.7%)	6,515 (20.2%)
Not very much	12,751 (33.3%)	11,016 (34.1%)
Not at all	15,435 (40.3%)	12,716 (39.4%)
(Missing)	64 (0.2%)	90 (0.3%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	6,937 (18.2%)	5,708 (17.8%)
	170 (0.4%)	174 (0.5%)
<i>Depression – feel hopeless, n (%)</i>		
Nearly every day	1,979 (5.2%)	1,594 (4.9%)
More than half the days	3,440 (9.0%)	2,870 (8.9%)
Several days	11,412 (29.8%)	9,710 (30.1%)

Table S31b. Weighted summary statistics for exposure and outcome variables in United States

Outcome	Wave 1 N = 38,312	Wave 2 N = 32,310
Not at all	21,396 (55.8%)	18,078 (56.0%)
(Missing)	84 (0.2%)	58 (0.2%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	2,127 (5.6%)	1,587 (4.9%)
More than half the days	4,167 (10.9%)	3,509 (10.9%)
Several days	11,629 (30.4%)	10,104 (31.3%)
Not at all	20,294 (53.0%)	16,984 (52.6%)
(Missing)	95 (0.2%)	125 (0.4%)
<i>Anxiety symptoms composite, n (%)</i>	8,426 (22.1%)	6,925 (21.5%)
(Missing)	135 (0.4%)	98 (0.3%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	2,978 (7.8%)	2,483 (7.7%)
More than half the days	4,642 (12.1%)	3,760 (11.6%)
Several days	14,058 (36.7%)	12,033 (37.2%)
Not at all	16,554 (43.2%)	13,966 (43.2%)
(Missing)	80 (0.2%)	67 (0.2%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	2,929 (7.6%)	2,335 (7.2%)
More than half the days	3,795 (9.9%)	3,118 (9.6%)
Several days	10,989 (28.7%)	9,730 (30.1%)
Not at all	20,529 (53.6%)	17,083 (52.9%)
(Missing)	71 (0.2%)	44 (0.1%)
<i>Suffering, n (%)</i>		
A lot	3,159 (8.2%)	2,498 (7.7%)
Some	12,806 (33.4%)	11,100 (34.4%)
Not very much	14,668 (38.3%)	12,450 (38.5%)
Not at all	7,564 (19.7%)	6,157 (19.1%)
(Missing)	115 (0.3%)	104 (0.3%)
<i>Social support</i>		
Mean	8.2	8.1
Standard Deviation	2.3	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	52 (0.1%)	1,617 (5.0%)
<i>Intimate/close friend, n (%)</i>		
Yes	33,445 (87.3%)	28,150 (87.1%)
No	4,730 (12.3%)	3,997 (12.4%)
(Missing)	138 (0.4%)	163 (0.5%)
<i>Government approval, n (%)</i>		
Strongly approve	1,194 (3.1%)	913 (2.8%)
Somewhat approve	8,210 (21.4%)	6,291 (19.5%)
Neither approve nor disapprove	4,893 (12.8%)	3,889 (12.0%)
Somewhat disapprove	9,005 (23.5%)	8,132 (25.2%)
Strongly disapprove	14,933 (39.0%)	12,994 (40.2%)
(Missing)	77 (0.2%)	90 (0.3%)
<i>Say in government, n (%)</i>		
Agree	10,057 (26.3%)	8,215 (25.4%)
Disagree	20,635 (53.9%)	17,908 (55.4%)
Unsure	7,568 (19.8%)	6,124 (19.0%)
(Missing)	52 (0.1%)	63 (0.2%)
<i>Belonging in country</i>		

Table S31b. Weighted summary statistics for exposure and outcome variables in United States

Outcome	Wave 1 N = 38,312	Wave 2 N = 32,310
Mean	7.2	7.1
Standard Deviation	2.6	2.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	184 (0.5%)	269 (0.8%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	27,049 (70.6%)	22,857 (70.7%)
Dissatisfied	7,895 (20.6%)	6,219 (19.2%)
Unsure	3,163 (8.3%)	3,000 (9.3%)
(Missing)	205 (0.5%)	235 (0.7%)
<i>Trust within country, n (%)</i>		
All people	59 (0.2%)	42 (0.1%)
Most people	3,668 (9.6%)	3,054 (9.5%)
Some people	17,093 (44.6%)	14,003 (43.3%)
Not very many people	16,664 (43.5%)	14,436 (44.7%)
None	707 (1.8%)	655 (2.0%)
(Missing)	121 (0.3%)	121 (0.4%)
<i>Number of children</i>		
Mean	0.5	0.5
Standard Deviation	1.2	1.2
Min, Max	0.0, 90.0	0.0, 66.0
(Missing)	247 (0.6%)	7,080 (22%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	2,562 (6.7%)	2,383 (7.4%)
Once a week	2,781 (7.3%)	2,561 (7.9%)
One to three times a month	5,128 (13.4%)	4,538 (14.0%)
A few times a year	11,795 (30.8%)	9,587 (29.7%)
Never	15,990 (41.7%)	13,169 (40.8%)
(Missing)	55 (0.1%)	71 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	2,685 (7.0%)	2,456 (7.6%)
Once a week	6,254 (16.3%)	5,253 (16.3%)
One to three times a month	2,868 (7.5%)	2,398 (7.4%)
A few times a year	9,067 (23.7%)	6,912 (21.4%)
Never	17,319 (45.2%)	15,068 (46.6%)
(Missing)	120 (0.3%)	222 (0.7%)
<i>Loneliness</i>		
Mean	3.1	3.1
Standard Deviation	2.8	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (<0.1%)	58 (0.2%)
<i>Perceived discrimination, n (%)</i>		
Always	1,609 (4.2%)	1,130 (3.5%)
Often	8,049 (21.0%)	6,397 (19.8%)
Rarely	19,597 (51.2%)	16,590 (51.3%)
Never	8,983 (23.4%)	8,144 (25.2%)
(Missing)	75 (0.2%)	50 (0.2%)
<i>Hope</i>		
Mean	7.8	7.6
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0

Table S31b. Weighted summary statistics for exposure and outcome variables in United States

Outcome	Wave 1 N = 38,312	Wave 2 N = 32,310
(Missing)	1,883 (4.9%)	573 (1.8%)
<i>Gratitude</i>		
Mean	8.2	8.1
Standard Deviation	2.1	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1,866 (4.9%)	544 (1.7%)
<i>Showing love/care</i>		
Mean	8.6	8.5
Standard Deviation	1.6	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	28 (<0.1%)	336 (1.0%)
<i>Forgivingness, n (%)</i>		
Always	7,120 (18.6%)	5,639 (17.5%)
Often	23,156 (60.4%)	19,696 (61.0%)
Rarely	7,206 (18.8%)	6,264 (19.4%)
Never	738 (1.9%)	621 (1.9%)
(Missing)	92 (0.2%)	89 (0.3%)
<i>Charitable giving, n (%)</i>		
Yes	19,814 (51.7%)	18,044 (55.8%)
No	18,455 (48.2%)	14,113 (43.7%)
(Missing)	43 (0.1%)	153 (0.5%)
<i>Helping strangers, n (%)</i>		
Yes	22,379 (58.4%)	17,513 (54.2%)
No	15,891 (41.5%)	14,714 (45.5%)
(Missing)	42 (0.1%)	83 (0.3%)
<i>Volunteering, n (%)</i>		
Yes	10,874 (28.4%)	10,075 (31.2%)
No	27,369 (71.4%)	22,144 (68.5%)
(Missing)	69 (0.2%)	91 (0.3%)
<i>Health problems, n (%)</i>		
Yes	9,163 (23.9%)	8,403 (26.0%)
No	29,048 (75.8%)	23,781 (73.6%)
(Missing)	100 (0.3%)	125 (0.4%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	5,210 (13.6%)	4,428 (13.7%)
Some	14,266 (37.2%)	11,845 (36.7%)
Not very much	13,471 (35.2%)	11,599 (35.9%)
None at all	5,338 (13.9%)	4,415 (13.7%)
(Missing)	26 (0.1%)	23 (0.1%)
<i>Number of drinks per week</i>		
Mean	2.8	2.4
Standard Deviation	6.0	5.4
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	176 (0.5%)	1,209 (3.7%)
<i>Days exercise per week</i>		
Mean	2.6	2.5
Standard Deviation	2.2	2.2
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	54 (0.1%)	73 (0.2%)
<i>Educational attainment (16+ years), n (%)</i>		

Table S31b. Weighted summary statistics for exposure and outcome variables in United States

Outcome	Wave 1 N = 38,312	Wave 2 N = 32,310
Up to 8	104 (0.3%)	75 (0.2%)
9-15	22,794 (59.5%)	18,884 (58.4%)
16+	15,328 (40.0%)	13,342 (41.3%)
(Missing)	86 (0.2%)	8 (0.0%)
<i>Currently employed, n (%)</i>		
Employed for an employer	19,874 (51.9%)	16,827 (52.1%)
Self-employed	3,274 (8.5%)	2,703 (8.4%)
Retired	9,778 (25.5%)	8,590 (26.6%)
Student	795 (2.1%)	570 (1.8%)
Homemaker	2,063 (5.4%)	1,545 (4.8%)
Unemployed and looking for a job	1,263 (3.3%)	1,005 (3.1%)
None of these/Other	1,181 (3.1%)	936 (2.9%)
(Missing)	84 (0.2%)	133 (0.4%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	16,829 (43.9%)	14,416 (44.6%)
Getting by on present income	14,784 (38.6%)	12,263 (38.0%)
Finding it difficult on present income	4,841 (12.6%)	3,835 (11.9%)
Finding it very difficult on present income	1,766 (4.6%)	1,585 (4.9%)
(Missing)	91 (0.2%)	211 (0.7%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	26,881 (70.2%)	22,907 (70.9%)
Someone in this household rents this home	7,992 (20.9%)	6,611 (20.5%)
Both	1,378 (3.6%)	1,151 (3.6%)
Neither	1,989 (5.2%)	1,422 (4.4%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	72 (0.2%)	219 (0.7%)
<i>Religious/spiritual connection, n (%)</i>		
Always	10,070 (26.3%)	9,576 (29.6%)
Often	12,615 (32.9%)	9,117 (28.2%)
Rarely	8,802 (23.0%)	6,992 (21.6%)
Never	6,748 (17.6%)	6,561 (20.3%)
(Missing)	77 (0.2%)	64 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	21,473 (56.0%)	17,578 (54.4%)
No	6,657 (17.4%)	5,807 (18.0%)
Unsure	10,033 (26.2%)	8,735 (27.0%)
(Missing)	148 (0.4%)	189 (0.6%)
<i>Transformative religious experience, n (%)</i>		
Yes	13,810 (36.0%)	11,552 (35.8%)
No	24,368 (63.6%)	20,629 (63.8%)
(Missing)	134 (0.3%)	129 (0.4%)
<i>Religious reading or listening, n (%)</i>		
More than once a day	2,548 (6.7%)	2,462 (7.6%)
About once a day	5,507 (14.4%)	4,741 (14.7%)
Sometimes	13,884 (36.2%)	11,138 (34.5%)
Never	16,183 (42.2%)	13,794 (42.7%)
(Missing)	190 (0.5%)	174 (0.5%)
<i>Prayer or meditation, n (%)</i>		

Table S31b. Weighted summary statistics for exposure and outcome variables in United States

Outcome	Wave 1 N = 38,312	Wave 2 N = 32,310
More than once a day	8,048 (21.0%)	6,791 (21.0%)
About once a day	8,605 (22.5%)	7,100 (22.0%)
Sometimes	13,073 (34.1%)	10,594 (32.8%)
Never	8,493 (22.2%)	7,743 (24.0%)
(Missing)	93 (0.2%)	81 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	22,513 (58.8%)	19,001 (58.8%)
More than one god	917 (2.4%)	743 (2.3%)
An impersonal spiritual force	4,700 (12.3%)	3,827 (11.8%)
None of these	5,537 (14.5%)	4,917 (15.2%)
Unsure	4,534 (11.8%)	3,724 (11.5%)
(Missing)	111 (0.3%)	98 (0.3%)
<i>Religious centrality, n (%)</i>		
Agree	17,370 (45.3%)	14,657 (45.4%)
Disagree	6,621 (17.3%)	4,795 (14.8%)
Not relevant	10,454 (27.3%)	9,614 (29.8%)
Unsure	3,703 (9.7%)	3,112 (9.6%)
(Missing)	164 (0.4%)	132 (0.4%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	22,111 (57.7%)	18,069 (55.9%)
Disagree	3,864 (10.1%)	2,874 (8.9%)
Not relevant	9,530 (24.9%)	9,013 (27.9%)
Unsure	2,724 (7.1%)	2,280 (7.1%)
(Missing)	83 (0.2%)	73 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	21,624 (56.4%)	17,886 (55.4%)
Disagree	3,578 (9.3%)	2,712 (8.4%)
Not relevant	9,228 (24.1%)	8,347 (25.8%)
Unsure	3,758 (9.8%)	3,249 (10.1%)
(Missing)	123 (0.3%)	116 (0.4%)
<i>Feel punished by God, n (%)</i>		
Agree	3,084 (8.0%)	2,485 (7.7%)
Disagree	23,247 (60.7%)	18,783 (58.1%)
Not relevant	8,828 (23.0%)	8,441 (26.1%)
Unsure	3,051 (8.0%)	2,504 (7.7%)
(Missing)	102 (0.3%)	98 (0.3%)
<i>Experienced religious criticism, n (%)</i>		
Agree	2,765 (7.2%)	2,201 (6.8%)
Disagree	16,009 (41.8%)	12,853 (39.8%)
Not relevant	15,841 (41.3%)	14,280 (44.2%)
Unsure	3,572 (9.3%)	2,864 (8.9%)
(Missing)	125 (0.3%)	111 (0.3%)
<i>Faith-sharing, n (%)</i>		
Agree	14,001 (36.5%)	11,322 (35.0%)
Disagree	11,332 (29.6%)	9,138 (28.3%)
Not relevant	10,899 (28.4%)	10,156 (31.4%)
Unsure	1,983 (5.2%)	1,596 (4.9%)
(Missing)	97 (0.3%)	98 (0.3%)

Table S31b. Weighted summary statistics for exposure and outcome variables in United States

	Wave 1	Wave 2
Outcome	N = 38,312	N = 32,310

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding. Wave 1 characteristics weighted using the Gallup provided sampling weight, ANNUAL_WEIGHT_R2; Wave 2 characteristics weighted accounting for attrition by using the adjusted Wave 1 weight, ANNUAL_WEIGHT_R2, multiplied by the created attrition weight to account for dropout, to maintain nationally representative estimates for Wave 2 characteristics.

Table S31c. Unweighted summary statistics for demographic and childhood variables in United States by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 7,275	Retained-Observed in Wave 2 N = 31,499
<i>Year of birth, n (%)</i>		
1943 or earlier (current age: 80+ years)	273 (3.8%)	1,300 (4.1%)
1943-1953 (current age: 70-79 years)	530 (7.3%)	3,977 (12.6%)
1953-1963 (current age: 60-69 years)	1,075 (14.8%)	6,718 (21.3%)
1963-1973 (current age: 50-59 years)	1,195 (16.4%)	6,298 (20.0%)
1973-1983 (current age: 40-49 years)	1,249 (17.2%)	4,786 (15.2%)
1983-1993 (current age: 30-39 years)	1,659 (22.8%)	5,368 (17.0%)
1993-1998 (current age: 25-29 years)	875 (12.0%)	1,982 (6.3%)
1998-2005 (current age: 18-24 years)	420 (5.8%)	1,069 (3.4%)
(Missing)	0 (0%)	0 (0%)
<i>Age of participant</i>		
Mean	46.9	52.6
Standard Deviation	17.0	16.5
Min, Max	18.0, 99.0	18.0, 99.0
<i>Gender, n (%)</i>		
Male	3,198 (44.0%)	15,014 (47.7%)
Female	3,943 (54.2%)	16,192 (51.4%)
Other	80 (1.1%)	226 (0.7%)
(Missing)	53 (0.7%)	67 (0.2%)
<i>Respondent marital status, n (%)</i>		
Single/Never been married	1,842 (25.3%)	6,229 (19.8%)
Married	3,611 (49.6%)	18,319 (58.2%)
Separated	193 (2.7%)	462 (1.5%)
Divorced	760 (10.4%)	3,217 (10.2%)
Widowed	386 (5.3%)	1,720 (5.5%)
Domestic partner	438 (6.0%)	1,405 (4.5%)
(Missing)	45 (0.6%)	146 (0.5%)
<i>Education (years), n (%)</i>		
Up to 8	32 (0.4%)	73 (0.2%)
9-15	4,628 (63.6%)	18,421 (58.5%)
16+	2,602 (35.8%)	12,930 (41.1%)
(Missing)	13 (0.2%)	74 (0.2%)
<i>Employment status, n (%)</i>		
Employed for an employer	4,125 (56.7%)	15,967 (50.7%)
Self-employed	607 (8.3%)	2,708 (8.6%)
Retired	1,339 (18.4%)	8,590 (27.3%)
Student	218 (3.0%)	582 (1.8%)
Homemaker	377 (5.2%)	1,712 (5.4%)
Unemployed and looking for a job	321 (4.4%)	952 (3.0%)
None of these/Other	276 (3.8%)	916 (2.9%)
(Missing)	12 (0.2%)	72 (0.2%)
<i>Current religious service attendance, n (%)</i>		
More than once a week	458 (6.3%)	2,262 (7.2%)
Once a week	1,037 (14.3%)	5,301 (16.8%)
One to three times a month	577 (7.9%)	2,324 (7.4%)
A few times a year	1,872 (25.7%)	7,295 (23.2%)
Never	3,303 (45.4%)	14,223 (45.2%)
(Missing)	27 (0.4%)	94 (0.3%)
<i>Immigration status, n (%)</i>		

Table S31c. Unweighted summary statistics for demographic and childhood variables in United States by retention status

Characteristic	Attrititors-Not Observed in Wave 2 N = 7,275	Retained-Observed in Wave 2 N = 31,499
Born in this country	6,600 (90.7%)	28,865 (91.6%)
Born in another country	590 (8.1%)	2,345 (7.4%)
(Missing)	84 (1.2%)	288 (0.9%)
<i>Parental marital status around age 12, n (%)</i>		
Parents were married	5,039 (69.3%)	23,697 (75.2%)
Parents were divorced	1,311 (18.0%)	4,896 (15.5%)
Parents were never married	632 (8.7%)	1,756 (5.6%)
One or both of them had died	161 (2.2%)	884 (2.8%)
Unsure	120 (1.6%)	224 (0.7%)
(Missing)	12 (0.2%)	42 (0.1%)
<i>Religious service attendance around age 12, n (%)</i>		
At least once a week	3,520 (48.4%)	16,025 (50.9%)
One to three times a month	1,303 (17.9%)	5,511 (17.5%)
Less than once a month	1,013 (13.9%)	4,666 (14.8%)
Never	1,409 (19.4%)	5,177 (16.4%)
(Missing)	30 (0.4%)	119 (0.4%)
<i>Relationship with mother when growing up, n (%)</i>		
Very good	3,770 (51.8%)	17,498 (55.6%)
Somewhat good	2,203 (30.3%)	9,441 (30.0%)
Somewhat bad	683 (9.4%)	2,802 (8.9%)
Very bad	425 (5.8%)	1,188 (3.8%)
(Does not apply)	169 (2.3%)	472 (1.5%)
(Missing)	24 (0.3%)	98 (0.3%)
<i>Relationship with father when growing up, n (%)</i>		
Very good	2,858 (39.3%)	13,117 (41.6%)
Somewhat good	2,427 (33.4%)	10,437 (33.1%)
Somewhat bad	866 (11.9%)	3,884 (12.3%)
Very bad	562 (7.7%)	1,891 (6.0%)
(Does not apply)	553 (7.6%)	2,133 (6.8%)
(Missing)	9 (0.1%)	37 (0.1%)
<i>Felt like an outsider in family when growing up, n (%)</i>		
Yes	2,129 (29.3%)	7,398 (23.5%)
No	5,050 (69.4%)	23,833 (75.7%)
(Missing)	96 (1.3%)	267 (0.8%)
<i>Experienced abuse when growing up, n (%)</i>		
Yes	2,035 (28.0%)	7,695 (24.4%)
No	5,197 (71.4%)	23,601 (74.9%)
(Missing)	43 (0.6%)	203 (0.6%)
<i>Self-rated health when growing up, n (%)</i>		
Excellent	2,980 (41.0%)	14,931 (47.4%)
Very good	2,426 (33.3%)	9,975 (31.7%)
Good	1,274 (17.5%)	4,732 (15.0%)
Fair	476 (6.5%)	1,447 (4.6%)
Poor	110 (1.5%)	339 (1.1%)
(Missing)	9 (0.1%)	74 (0.2%)
<i>Subjective financial status of family growing up, n (%)</i>		
Lived comfortably	2,918 (40.1%)	12,744 (40.5%)

Table S31c. Unweighted summary statistics for demographic and childhood variables in United States by retention status

Characteristic	Attriters-Not Observed in Wave 2 N = 7,275	Retained-Observed in Wave 2 N = 31,499
Got by	2,877 (39.5%)	12,965 (41.2%)
Found it difficult	1,001 (13.8%)	4,009 (12.7%)
Found it very difficult	476 (6.5%)	1,763 (5.6%)
(Missing)	3 (0.0%)	18 (0.1%)
<i>Religious affiliation growing up, n (%)</i>		
Christianity	5,788 (79.6%)	25,808 (81.9%)
Taoism	3 (0.0%)	14 (0.0%)
Confucianism	0 (<0.0%)	8 (0.0%)
Primal, Animist, or Folk religion	16 (0.2%)	36 (0.1%)
Spiritism	0 (0%)	0 (0%)
Umbanda, Candomblé, and other		
African-derived religions	0 (0%)	0 (0%)
Chinese folk/traditional religion	0 (0%)	0 (0%)
Islam	49 (0.7%)	148 (0.5%)
Hinduism	58 (0.8%)	126 (0.4%)
Buddhism	37 (0.5%)	122 (0.4%)
Judaism	128 (1.8%)	727 (2.3%)
Sikhism	22 (0.3%)	18 (0.1%)
Baha'i	0 (<0.0%)	5 (0.0%)
Jainism	2 (0.0%)	10 (0.0%)
Shinto	1 (0.0%)	5 (0.0%)
Some other religion	74 (1.0%)	243 (0.8%)
No religion/Atheist/Agnostic	1,086 (14.9%)	4,152 (13.2%)
(Missing)	9 (0.1%)	76 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S31d. Unweighted summary statistics for Wave 1 outcome variables in United States by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2 N = 7,275	Wave 2 N = 31,499
<i>Secure flourishing index</i>		
Mean	7.0	7.3
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.6, 10.0
(Missing)	95 (1.3%)	414 (1.3%)
<i>Flourishing index</i>		
Mean	7.1	7.3
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.6, 10.0
(Missing)	81 (1.1%)	372 (1.2%)
<i>Happiness & life satisfaction</i>		
Mean	6.9	7.1
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	11 (0.1%)	60 (0.2%)
<i>Physical & mental health</i>		
Mean	6.9	7.2
Standard Deviation	1.8	1.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (<0.1%)	36 (0.1%)
<i>Meaning & purpose</i>		
Mean	7.1	7.3
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	17 (0.2%)	65 (0.2%)
<i>Character & virtue</i>		
Mean	7.6	7.8
Standard Deviation	1.7	1.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	31 (0.4%)	145 (0.5%)
<i>Close social relationships</i>		
Mean	7.1	7.3
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	23 (0.3%)	98 (0.3%)
<i>Financial & material security</i>		
Mean	6.6	7.1
Standard Deviation	2.9	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	48 (0.2%)
<i>Life satisfaction</i>		
Mean	6.8	7.0
Standard Deviation	2.2	2.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (<0.1%)	41 (0.1%)
<i>Happiness</i>		
Mean	6.9	7.2
Standard Deviation	1.9	1.8
Min, Max	0.0, 10.0	0.0, 10.0

Table S31d. Unweighted summary statistics for Wave 1 outcome variables in United States by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 7,275	N = 31,499
(Missing)	4 (<0.1%)	19 (<0.1%)
<i>Self-rated physical health</i>		
Mean	6.7	6.9
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	28 (<0.1%)
<i>Self-rated mental health</i>		
Mean	7.0	7.4
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	6 (<0.1%)	17 (<0.1%)
<i>Understanding purpose</i>		
Mean	6.9	7.2
Standard Deviation	2.6	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	16 (0.2%)	45 (0.1%)
<i>Meaningful activities</i>		
Mean	7.2	7.5
Standard Deviation	2.2	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	2 (<0.1%)	21 (<0.1%)
<i>Orientation to promote good</i>		
Mean	7.9	8.0
Standard Deviation	1.7	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (<0.1%)	52 (0.2%)
<i>Delayed gratification</i>		
Mean	7.4	7.6
Standard Deviation	2.1	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	27 (0.4%)	107 (0.3%)
<i>Relationship contentment</i>		
Mean	7.3	7.5
Standard Deviation	2.4	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	14 (0.2%)	47 (0.1%)
<i>Relationship satisfaction</i>		
Mean	6.9	7.1
Standard Deviation	2.5	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	9 (0.1%)	59 (0.2%)
<i>Financial security</i>		
Mean	6.2	6.8
Standard Deviation	3.2	3.0
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	24 (<0.1%)
<i>Material security</i>		
Mean	6.9	7.3
Standard Deviation	3.0	2.8

Table S31d. Unweighted summary statistics for Wave 1 outcome variables in United States by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 7,275	Wave 2 N = 31,499
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	27 (<0.1%)
<i>Current life evaluation</i>		
Mean	6.9	7.1
Standard Deviation	1.8	1.8
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	13 (0.2%)	12 (<0.1%)
<i>Future life evaluation</i>		
Mean	7.8	7.8
Standard Deviation	2.0	1.9
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	26 (0.4%)	47 (0.1%)
<i>Optimism</i>		
Mean	7.6	7.8
Standard Deviation	2.3	2.2
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	29 (0.4%)	168 (0.5%)
<i>Freedom to pursue what's important</i>		
Mean	7.1	7.4
Standard Deviation	2.6	2.4
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (<0.1%)	38 (0.1%)
<i>Inner peace, n (%)</i>		
Always	1,071 (14.7%)	5,344 (17.0%)
Often	4,451 (61.2%)	20,450 (64.9%)
Rarely	1,568 (21.6%)	5,253 (16.7%)
Never	160 (2.2%)	376 (1.2%)
(Missing)	25 (0.3%)	75 (0.2%)
<i>Life balance, n (%)</i>		
Always	604 (8.3%)	2,952 (9.4%)
Often	4,570 (62.8%)	21,400 (67.9%)
Rarely	1,882 (25.9%)	6,500 (20.6%)
Never	198 (2.7%)	576 (1.8%)
(Missing)	21 (0.3%)	70 (0.2%)
<i>Sense of mastery, n (%)</i>		
Always	1,257 (17.3%)	5,698 (18.1%)
Often	4,910 (67.5%)	22,206 (70.5%)
Rarely	960 (13.2%)	3,248 (10.3%)
Never	85 (1.2%)	205 (0.6%)
(Missing)	62 (0.9%)	142 (0.5%)
<i>Traumatic distress, n (%)</i>		
A lot	603 (8.3%)	1,917 (6.1%)
Some	1,602 (22.0%)	6,042 (19.2%)
Not very much	2,444 (33.6%)	10,460 (33.2%)
Not at all	2,615 (35.9%)	13,026 (41.4%)
(Missing)	11 (0.2%)	53 (0.2%)
<i>Depression symptoms composite, n (%)</i>		
(Missing)	1,660 (22.9%)	5,340 (17.0%)
<i>Depression – feel hopeless, n (%)</i>	34 (0.5%)	137 (0.4%)

Table S31d. Unweighted summary statistics for Wave 1 outcome variables in United States by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 7,275	Wave 2 N = 31,499
Nearly every day	466 (6.4%)	1,532 (4.9%)
More than half the days	854 (11.7%)	2,615 (8.3%)
Several days	2,320 (31.9%)	9,220 (29.3%)
Not at all	3,618 (49.7%)	18,064 (57.3%)
(Missing)	17 (0.2%)	69 (0.2%)
<i>Depression – loss of interest, n (%)</i>		
Nearly every day	461 (6.3%)	1,688 (5.4%)
More than half the days	1,053 (14.5%)	3,148 (10.0%)
Several days	2,332 (32.1%)	9,430 (29.9%)
Not at all	3,411 (46.9%)	17,156 (54.5%)
(Missing)	18 (0.3%)	77 (0.2%)
<i>Anxiety symptoms composite, n (%)</i>	2,037 (28.1%)	6,464 (20.6%)
(Missing)	16 (0.2%)	121 (0.4%)
<i>Anxiety – feel on edge, n (%)</i>		
Nearly every day	769 (10.6%)	2,233 (7.1%)
More than half the days	1,060 (14.6%)	3,627 (11.5%)
Several days	2,761 (38.0%)	11,460 (36.4%)
Not at all	2,680 (36.8%)	14,104 (44.8%)
(Missing)	6 (0.1%)	75 (0.2%)
<i>Anxiety – cannot stop worrying, n (%)</i>		
Nearly every day	743 (10.2%)	2,209 (7.0%)
More than half the days	918 (12.6%)	2,909 (9.2%)
Several days	2,192 (30.1%)	8,923 (28.3%)
Not at all	3,410 (46.9%)	17,398 (55.2%)
(Missing)	12 (0.2%)	60 (0.2%)
<i>Suffering, n (%)</i>		
A lot	793 (10.9%)	2,392 (7.6%)
Some	2,567 (35.3%)	10,385 (33.0%)
Not very much	2,623 (36.1%)	12,232 (38.8%)
Not at all	1,265 (17.4%)	6,400 (20.3%)
(Missing)	27 (0.4%)	89 (0.3%)
<i>Social support</i>		
Mean	8.0	8.2
Standard Deviation	2.5	2.3
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	4 (<0.1%)	48 (0.2%)
<i>Intimate/close friend, n (%)</i>		
Yes	6,389 (87.8%)	27,456 (87.2%)
No	854 (11.7%)	3,936 (12.5%)
(Missing)	32 (0.4%)	107 (0.3%)
<i>Government approval, n (%)</i>		
Strongly approve	250 (3.4%)	957 (3.0%)
Somewhat approve	1,510 (20.8%)	6,802 (21.6%)
Neither approve nor disapprove	1,146 (15.7%)	3,792 (12.0%)
Somewhat disapprove	1,680 (23.1%)	7,435 (23.6%)
Strongly disapprove	2,679 (36.8%)	12,444 (39.5%)
(Missing)	9 (0.1%)	69 (0.2%)
<i>Say in government, n (%)</i>		
Agree	1,740 (23.9%)	8,449 (26.8%)

Table S31d. Unweighted summary statistics for Wave 1 outcome variables in United States by retention status.

Outcome	Attriters-NotRetained-Observed in	Observed in Wave 2
	N = 7,275	N = 31,499
Disagree	3,960 (54.4%)	16,921 (53.7%)
Unsure	1,570 (21.6%)	6,080 (19.3%)
(Missing)	4 (0.1%)	48 (0.2%)
<i>Belonging in country</i>		
Mean	6.9	7.3
Standard Deviation	2.7	2.5
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	45 (0.6%)	141 (0.4%)
<i>City/place satisfaction, n (%)</i>		
Satisfied	4,763 (65.5%)	22,636 (71.9%)
Dissatisfied	1,772 (24.4%)	6,201 (19.7%)
Unsure	696 (9.6%)	2,499 (7.9%)
(Missing)	44 (0.6%)	163 (0.5%)
<i>Trust within country, n (%)</i>		
All people	24 (0.3%)	34 (0.1%)
Most people	609 (8.4%)	3,108 (9.9%)
Some people	3,061 (42.1%)	14,249 (45.2%)
Not very many people	3,356 (46.1%)	13,498 (42.9%)
None	201 (2.8%)	510 (1.6%)
(Missing)	23 (0.3%)	98 (0.3%)
<i>Number of children</i>		
Mean	0.7	0.5
Standard Deviation	1.9	1.0
Min, Max	0.0, 90.0	0.0, 23.0
(Missing)	85 (1.2%)	163 (0.5%)
<i>Weekly+ community participation, n (%)</i>		
More than once a week	441 (6.1%)	2,155 (6.8%)
Once a week	515 (7.1%)	2,300 (7.3%)
One to three times a month	958 (13.2%)	4,233 (13.4%)
A few times a year	2,196 (30.2%)	9,744 (30.9%)
Never	3,158 (43.4%)	13,017 (41.3%)
(Missing)	6 (0.1%)	50 (0.2%)
<i>Weekly+ religious attendance, n (%)</i>		
More than once a week	458 (6.3%)	2,262 (7.2%)
Once a week	1,037 (14.3%)	5,301 (16.8%)
One to three times a month	577 (7.9%)	2,324 (7.4%)
A few times a year	1,872 (25.7%)	7,295 (23.2%)
Never	3,303 (45.4%)	14,223 (45.2%)
(Missing)	27 (0.4%)	94 (0.3%)
<i>Loneliness</i>		
Mean	3.4	3.1
Standard Deviation	2.8	2.7
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	7 (<0.1%)	20 (<0.1%)
<i>Perceived discrimination, n (%)</i>		
Always	398 (5.5%)	1,225 (3.9%)
Often	1,722 (23.7%)	6,411 (20.4%)
Rarely	3,558 (48.9%)	16,286 (51.7%)
Never	1,583 (21.8%)	7,515 (23.9%)

Table S31d. Unweighted summary statistics for Wave 1 outcome variables in United States by retention status.

Outcome	Attritons-NotRetained-Observed in	
	Observed in Wave 2	Wave 2
	N = 7,275	N = 31,499
(Missing)	14 (0.2%)	62 (0.2%)
<i>Hope</i>		
Mean	7.7	7.8
Standard Deviation	2.1	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	305 (4.2%)	1,604 (5.1%)
<i>Gratitude</i>		
Mean	8.1	8.3
Standard Deviation	2.3	2.1
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	295 (4.1%)	1,598 (5.1%)
<i>Showing love/care</i>		
Mean	8.5	8.6
Standard Deviation	1.8	1.6
Min, Max	0.0, 10.0	0.0, 10.0
(Missing)	1 (<0.1%)	28 (<0.1%)
<i>Forgivingness, n (%)</i>		
Always	1,450 (19.9%)	5,749 (18.3%)
Often	4,240 (58.3%)	19,204 (61.0%)
Rarely	1,400 (19.2%)	5,891 (18.7%)
Never	173 (2.4%)	573 (1.8%)
(Missing)	12 (0.2%)	81 (0.3%)
<i>Charitable giving, n (%)</i>		
Yes	3,503 (48.2%)	16,566 (52.6%)
No	3,761 (51.7%)	14,900 (47.3%)
(Missing)	11 (0.2%)	32 (0.1%)
<i>Helping strangers, n (%)</i>		
Yes	4,494 (61.8%)	18,139 (57.6%)
No	2,776 (38.2%)	13,322 (42.3%)
(Missing)	6 (0.1%)	37 (0.1%)
<i>Volunteering, n (%)</i>		
Yes	1,950 (26.8%)	9,062 (28.8%)
No	5,313 (73.0%)	22,379 (71.0%)
(Missing)	12 (0.2%)	58 (0.2%)
<i>Health problems, n (%)</i>		
Yes	1,821 (25.0%)	7,448 (23.6%)
No	5,434 (74.7%)	23,969 (76.1%)
(Missing)	20 (0.3%)	81 (0.3%)
<i>Pain in past 4 weeks, n (%)</i>		
A lot	1,072 (14.7%)	4,196 (13.3%)
Some	2,770 (38.1%)	11,664 (37.0%)
Not very much	2,381 (32.7%)	11,265 (35.8%)
None at all	1,051 (14.5%)	4,349 (13.8%)
(Missing)	2 (0.0%)	25 (0.1%)
<i>Number of drinks per week</i>		
Mean	2.7	2.9
Standard Deviation	6.0	6.0
Min, Max	0.0, 97.0	0.0, 97.0
(Missing)	51 (0.7%)	126 (0.4%)

Table S31d. Unweighted summary statistics for Wave 1 outcome variables in United States by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 7,275	Wave 2 N = 31,499
<i>Days exercise per week</i>		
Mean	2.4	2.7
Standard Deviation	2.2	2.3
Min, Max	0.0, 7.0	0.0, 7.0
(Missing)	18 (0.2%)	36 (0.1%)
<i>Educational attainment (16+ years), n (%)</i>		
Up to 8	32 (0.4%)	73 (0.2%)
9-15	4,628 (63.6%)	18,421 (58.5%)
16+	2,602 (35.8%)	12,930 (41.1%)
(Missing)	13 (0.2%)	74 (0.2%)
<i>Currently employed, n (%)</i>		
Employed for an employer	4,125 (56.7%)	15,967 (50.7%)
Self-employed	607 (8.3%)	2,708 (8.6%)
Retired	1,339 (18.4%)	8,590 (27.3%)
Student	218 (3.0%)	582 (1.8%)
Homemaker	377 (5.2%)	1,712 (5.4%)
Unemployed and looking for a job	321 (4.4%)	952 (3.0%)
None of these/Other	276 (3.8%)	916 (2.9%)
(Missing)	12 (0.2%)	72 (0.2%)
<i>Financially comfortable/getting by, n (%)</i>		
Living comfortably on present income	2,735 (37.6%)	14,326 (45.5%)
Getting by on present income	2,839 (39.0%)	12,121 (38.5%)
Finding it difficult on present income	1,215 (16.7%)	3,666 (11.6%)
Finding it very difficult on present income	471 (6.5%)	1,308 (4.2%)
(Missing)	15 (0.2%)	78 (0.2%)
<i>Own home, n (%)</i>		
Someone in this household owns this home	4,583 (63.0%)	22,655 (71.9%)
Someone in this household rents this home	1,844 (25.4%)	6,223 (19.8%)
Both	353 (4.9%)	1,035 (3.3%)
Neither	488 (6.7%)	1,519 (4.8%)
Rent	0 (0%)	0 (0%)
Own	0 (0%)	0 (0%)
Something else	0 (0%)	0 (0%)
(Missing)	8 (0.1%)	66 (0.2%)
<i>Religious/spiritual connection, n (%)</i>		
Always	1,732 (23.8%)	8,471 (26.9%)
Often	2,510 (34.5%)	10,249 (32.5%)
Rarely	1,785 (24.5%)	7,117 (22.6%)
Never	1,238 (17.0%)	5,594 (17.8%)
(Missing)	11 (0.1%)	67 (0.2%)
<i>Belief in life after death, n (%)</i>		
Yes	4,060 (55.8%)	17,673 (56.1%)
No	1,216 (16.7%)	5,525 (17.5%)
Unsure	1,973 (27.1%)	8,177 (26.0%)
(Missing)	26 (0.4%)	124 (0.4%)
<i>Transformative religious experience, n (%)</i>		
Yes	2,889 (39.7%)	11,071 (35.1%)
No	4,367 (60.0%)	20,312 (64.5%)
(Missing)	20 (0.3%)	116 (0.4%)

Table S31d. Unweighted summary statistics for Wave 1 outcome variables in United States by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 7,275	Wave 2 N = 31,499
<i>Religious reading or listening, n (%)</i>		
More than once a day	481 (6.6%)	2,098 (6.7%)
About once a day	958 (13.2%)	4,621 (14.7%)
Sometimes	2,624 (36.1%)	11,428 (36.3%)
Never	3,191 (43.9%)	13,179 (41.8%)
(Missing)	21 (0.3%)	173 (0.5%)
<i>Prayer or meditation, n (%)</i>		
More than once a day	1,378 (18.9%)	6,777 (21.5%)
About once a day	1,550 (21.3%)	7,164 (22.7%)
Sometimes	2,749 (37.8%)	10,465 (33.2%)
Never	1,574 (21.6%)	7,024 (22.3%)
(Missing)	25 (0.3%)	69 (0.2%)
<i>Belief in God/gods/spiritual forces, n (%)</i>		
One God	4,124 (56.7%)	18,670 (59.3%)
More than one god	211 (2.9%)	715 (2.3%)
An impersonal spiritual force	891 (12.2%)	3,866 (12.3%)
None of these	1,037 (14.2%)	4,568 (14.5%)
Unsure	970 (13.3%)	3,611 (11.5%)
(Missing)	42 (0.6%)	69 (0.2%)
<i>Religious centrality, n (%)</i>		
Agree	3,133 (43.1%)	14,458 (45.9%)
Disagree	1,226 (16.9%)	5,476 (17.4%)
Not relevant	2,072 (28.5%)	8,503 (27.0%)
Unsure	809 (11.1%)	2,932 (9.3%)
(Missing)	35 (0.5%)	130 (0.4%)
<i>Religious/spiritual comfort, n (%)</i>		
Agree	4,086 (56.2%)	18,298 (58.1%)
Disagree	734 (10.1%)	3,177 (10.1%)
Not relevant	1,828 (25.1%)	7,816 (24.8%)
Unsure	615 (8.4%)	2,136 (6.8%)
(Missing)	13 (0.2%)	71 (0.2%)
<i>Feel loved by God, n (%)</i>		
Agree	4,094 (56.3%)	17,792 (56.5%)
Disagree	694 (9.5%)	2,927 (9.3%)
Not relevant	1,726 (23.7%)	7,615 (24.2%)
Unsure	740 (10.2%)	3,061 (9.7%)
(Missing)	21 (0.3%)	103 (0.3%)
<i>Feel punished by God, n (%)</i>		
Agree	644 (8.9%)	2,473 (7.9%)
Disagree	4,179 (57.4%)	19,363 (61.5%)
Not relevant	1,738 (23.9%)	7,193 (22.8%)
Unsure	693 (9.5%)	2,387 (7.6%)
(Missing)	21 (0.3%)	82 (0.3%)
<i>Experienced religious criticism, n (%)</i>		
Agree	657 (9.0%)	2,133 (6.8%)
Disagree	2,743 (37.7%)	13,478 (42.8%)
Not relevant	3,077 (42.3%)	12,951 (41.1%)
Unsure	771 (10.6%)	2,839 (9.0%)
(Missing)	27 (0.4%)	99 (0.3%)

Table S31d. Unweighted summary statistics for Wave 1 outcome variables in United States by retention status.

Outcome	Attriters-NotRetained-Observed in	
	Observed in Wave 2 N = 7,275	Wave 2 N = 31,499
<i>Faith-sharing, n (%)</i>		
Agree	2,657 (36.5%)	11,513 (36.6%)
Disagree	1,918 (26.4%)	9,566 (30.4%)
Not relevant	2,198 (30.2%)	8,824 (28.0%)
Unsure	466 (6.4%)	1,535 (4.9%)
(Missing)	36 (0.5%)	61 (0.2%)

Note. N (%); this table is based on non-imputed data. Cumulative percentages for variables may not add up to 100% due to rounding.

Table S31e. Summary of fitted attrition model in United States

Characteristic	Odds Ratio	95% CI	p-value
ANNUAL_WEIGHT_R2	0.97	0.94, 1.01	0.113
Happiness & life satisfaction	0.95	0.87, 1.03	0.227
Physical & mental health	1.02	0.95, 1.10	0.575
Meaning & purpose	0.96	0.89, 1.04	0.377
Character & virtue	1.02	0.96, 1.08	0.581
Close social relationships	0.98	0.91, 1.05	0.522
Financial & material security	1.03	0.97, 1.09	0.375
Extraversion	0.95	0.91, 1.00	0.030
Openness to experience	0.93	0.89, 0.98	0.003
Agreeableness	0.98	0.93, 1.03	0.394
Conscientiousness	1.13	1.08, 1.19	5.02e-07
Neuroticism	1.00	0.94, 1.06	0.913
Depression symptoms composite	0.95	0.90, 1.01	0.078
Anxiety symptoms composite	0.97	0.91, 1.03	0.288
Loneliness	1.00	0.93, 1.06	0.918
Days exercise per week	1.10	1.05, 1.15	8.02e-05
Year of birth (age group)			
1953-1963 (current age: 60-69 years)	—	—	
1943-1953 (current age: 70-79 years)	1.17	1.02, 1.35	0.024
1963-1973 (current age: 50-59 years)	0.89	0.78, 1.02	0.083
1983-1993 (current age: 30-39 years)	0.55	0.47, 0.65	1.61e-13
1973-1983 (current age: 40-49 years)	0.64	0.55, 0.75	1.59e-08
1943 or earlier (current age: 80+ years)	0.83	0.68, 1.02	0.078
1993-1998 (current age: 25-29 years)	0.41	0.33, 0.51	2.28e-15
1998-2005 (current age: 18-24 years)	0.50	0.35, 0.72	1.49e-04
Gender of respondent			
Male	—	—	
Female	0.92	0.84, 1.01	0.080
Other	0.91	0.53, 1.55	0.718
Marital status			
Married	—	—	
Single/Never been married	1.02	0.88, 1.17	0.801
Divorced	0.80	0.69, 0.92	0.002
Widowed	0.73	0.61, 0.88	6.85e-04
Domestic partner	0.86	0.69, 1.07	0.187
Separated	0.63	0.44, 0.91	0.015
Employment status			
Employed for an employer	—	—	
Retired	1.12	0.98, 1.29	0.100
Self-employed	1.10	0.93, 1.30	0.281
Homemaker	1.29	1.06, 1.58	0.012
None of these/Other	0.96	0.73, 1.27	0.796
Unemployed and looking for a job	1.13	0.82, 1.56	0.465
Student	1.10	0.75, 1.60	0.631
Religious attendance			
Never	—	—	
A few times a year	0.84	0.75, 0.94	0.002
Once a week	0.98	0.87, 1.12	0.814
One to three times a month	0.86	0.73, 1.02	0.086
More than once a week	1.01	0.84, 1.20	0.943
Educational attainment (16+ years)			
16+	—	—	

Table S31e. Summary of fitted attrition model in United States

Characteristic	Odds Ratio	95% CI	p-value
9-15	0.83	0.75, 0.92	3.14e-04
Up to 8	0.59	0.21, 1.72	0.335
Born in This country			
<i>Born in this country</i>	—	—	
<i>Born in another country</i>	0.94	0.77, 1.14	0.514
Race plurality (prominent race/ethnic group [0] or not [1])	1.02	0.97, 1.08	0.377
Urbanicity			
<i>A suburb of a large city</i>	—	—	
<i>A small town or village</i>	0.97	0.87, 1.08	0.551
<i>A large city</i>	0.86	0.76, 0.97	0.012
<i>A rural area or on a farm</i>	0.89	0.78, 1.03	0.111
Annual household income			
<i>United States: \$60,000 to \$89,999</i>	—	—	
<i>United States: \$120,000 to \$179,999</i>	0.92	0.80, 1.07	0.283
<i>United States: \$90,000 to \$119,999</i>	0.97	0.84, 1.12	0.655
<i>United States: \$48,000 to \$59,999</i>	0.82	0.69, 0.96	0.017
<i>United States: \$240,000 and over</i>	0.81	0.68, 0.97	0.020
<i>United States: \$180,000 to \$239,999</i>	0.89	0.75, 1.06	0.201
<i>United States: \$36,000 to \$47,999</i>	0.88	0.73, 1.05	0.163
<i>United States: \$24,000 to \$35,999</i>	0.95	0.78, 1.16	0.621
<i>United States: \$12,000 to \$23,999</i>	0.87	0.69, 1.10	0.243
<i>United States: Less than \$12,000</i>	0.81	0.58, 1.15	0.242
<i>(None/No household income)</i>	0.50	0.32, 0.78	0.002

Abbreviations: CI = Confidence Interval, OR = Odds Ratio

Notes. N=38312; attrition weights were estimated using the 'survey::svyglm(family=quasibinomial('logit'))' function. All continuous predictors were standardized and all categorical predictors used the most common category as the reference group. Reported p-values are based on the fitted regression model and no adjustments for multiple testing were done within this table.

Table S31f. Summary of principal components in United States

PC	Percent Explained by each PC	Cumulative Percent Explained
1	37.70	37.70
2	7.31	45.01
3	5.88	50.89
4	2.20	53.09
5	1.95	55.04
6	1.66	56.70
7	1.55	58.25
8	1.45	59.70
9	1.37	61.07
10	1.31	62.38
11	1.25	63.63
12	1.23	64.86
13	1.14	65.99
14	1.08	67.07
15	1.07	68.13
16	1.03	69.16
17	1.00	70.16
18	0.96	71.13
19	0.96	72.08
20	0.93	73.02

Notes. N=38312; PCA was conducted using 'survey::svyprcomp(.)' function using all available contemporaneous exposures at wave 1. All PCs were standardized prior to being used as predictors. The bolded row represented the number of retained components for analysis was 7.

Table S31g. Associations of Secure flourishing index (Wave 2) with adult well-being and other predictors at Wave 1 in United States

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.78	(0.77,0.80)	0.01	2.22e-16***	0.66	(0.64,0.68)	0.01	2.22e-16***
Flourishing index	0.74	(0.72,0.75)	0.01	2.22e-16***	0.57	(0.54,0.59)	0.01	2.22e-16***
Happiness & life satisfaction	0.64	(0.62,0.66)	0.01	2.22e-16***	0.35	(0.33,0.38)	0.01	2.22e-16***
Physical & mental health	0.61	(0.59,0.63)	0.01	2.22e-16***	0.30	(0.28,0.32)	0.01	2.22e-16***
Meaning & purpose	0.60	(0.59,0.62)	0.01	2.22e-16***	0.33	(0.31,0.35)	0.01	2.22e-16***
Character & virtue	0.38	(0.36,0.39)	0.01	2.22e-16***	0.15	(0.14,0.17)	0.01	2.22e-16***
Close social relationships	0.52	(0.50,0.54)	0.01	2.22e-16***	0.25	(0.23,0.27)	0.01	2.22e-16***
Financial & material security	0.45	(0.43,0.47)	0.01	2.22e-16***	0.23	(0.22,0.25)	0.01	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.61	(0.59,0.62)	0.01	2.22e-16***	0.30	(0.28,0.32)	0.01	2.22e-16***
Happiness (a)	0.60	(0.58,0.61)	0.01	2.22e-16***	0.28	(0.26,0.31)	0.01	2.22e-16***
Self-rated physical health (b)	0.43	(0.41,0.45)	0.01	2.22e-16***	0.18	(0.17,0.20)	0.01	2.22e-16***
Self-rated mental health (b)	0.59	(0.58,0.61)	0.01	2.22e-16***	0.24	(0.22,0.27)	0.01	2.22e-16***
Understanding purpose (c)	0.49	(0.48,0.51)	0.01	2.22e-16***	0.23	(0.21,0.24)	0.01	2.22e-16***
Meaningful activities (c)	0.56	(0.54,0.58)	0.01	2.22e-16***	0.26	(0.24,0.29)	0.01	2.22e-16***
Orientation to promote good (d)	0.34	(0.33,0.36)	0.01	2.22e-16***	0.13	(0.11,0.14)	0.01	2.22e-16***
Delayed gratification (d)	0.30	(0.28,0.32)	0.01	2.22e-16***	0.12	(0.10,0.13)	0.01	2.22e-16***
Relationship contentment (e)	0.51	(0.49,0.53)	0.01	2.22e-16***	0.23	(0.22,0.25)	0.01	2.22e-16***
Relationship satisfaction (e)	0.48	(0.47,0.50)	0.01	2.22e-16***	0.21	(0.19,0.23)	0.01	2.22e-16***
Financial security (f)	0.42	(0.40,0.44)	0.01	2.22e-16***	0.21	(0.19,0.23)	0.01	2.22e-16***
Material security (f)	0.41	(0.39,0.43)	0.01	2.22e-16***	0.19	(0.17,0.20)	0.01	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.55	(0.53,0.57)	0.01	2.22e-16***	0.27	(0.25,0.29)	0.01	2.22e-16***
Future life evaluation	0.44	(0.43,0.46)	0.01	2.22e-16***	0.20	(0.18,0.22)	0.01	2.22e-16***
Optimism	0.46	(0.44,0.48)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
Freedom to pursue what's important	0.50	(0.48,0.52)	0.01	2.22e-16***	0.20	(0.19,0.22)	0.01	2.22e-16***
Inner peace	0.37	(0.35,0.38)	0.01	2.22e-16***	0.02	(0.01,0.04)	0.01	4.65e-03**
Life balance	0.39	(0.37,0.41)	0.01	2.22e-16***	0.07	(0.05,0.08)	0.01	2.22e-16***
Sense of mastery	0.30	(0.29,0.32)	0.01	2.22e-16***	0.06	(0.04,0.07)	0.01	1.86e-12***
<i>Psychological Distress</i>								
Traumatic distress	-0.14	(-0.16,-0.13)	0.01	2.22e-16***	0.01	(-0.00,0.02)	0.01	0.231
Depression symptoms composite	-0.33	(-0.35,-0.31)	0.01	2.22e-16***	0.00	(-0.01,0.02)	0.01	0.823
Depression – feel hopeless	-0.32	(-0.34,-0.30)	0.01	2.22e-16***	0.05	(0.03,0.07)	0.01	2.18e-08***
Depression – loss of interest	-0.29	(-0.31,-0.27)	0.01	2.22e-16***	0.02	(0.00,0.03)	0.01	0.024*
Anxiety symptoms composite	-0.30	(-0.31,-0.28)	0.01	2.22e-16***	0.05	(0.03,0.06)	0.01	9.5e-09***
Anxiety – feel on edge	-0.28	(-0.30,-0.27)	0.01	2.22e-16***	0.08	(0.07,0.10)	0.01	2.22e-16***
Anxiety – cannot stop worrying	-0.28	(-0.30,-0.26)	0.01	2.22e-16***	0.07	(0.05,0.09)	0.01	2.22e-16***
Suffering	-0.31	(-0.33,-0.30)	0.01	2.22e-16***	-0.03	(-0.05,-0.02)	0.01	2.49e-06***
<i>Social Well-Being</i>								
Social support	0.35	(0.33,0.37)	0.01	2.22e-16***	0.11	(0.09,0.12)	0.01	2.22e-16***
Intimate/close friend	0.16	(0.14,0.18)	0.01	2.22e-16***	0.04	(0.02,0.05)	0.01	1.44e-07***
Government approval	0.11	(0.10,0.13)	0.01	2.22e-16***	0.02	(0.00,0.03)	0.01	0.006*
Say in government	0.12	(0.11,0.13)	0.01	2.22e-16***	0.02	(0.00,0.03)	0.01	0.010*
Belonging in country	0.31	(0.29,0.33)	0.01	2.22e-16***	0.08	(0.07,0.10)	0.01	2.22e-16***
City/place satisfaction	0.19	(0.18,0.21)	0.01	2.22e-16***	0.04	(0.03,0.06)	0.01	3.89e-11***
Trust within country	0.13	(0.11,0.14)	0.01	2.22e-16***	0.02	(0.01,0.03)	0.01	5.75e-04***
<i>Social Participation</i>								
Ever been married	0.07	(0.03,0.10)	0.02	7.22e-05***	0.04	(0.02,0.07)	0.01	4.66e-04***
Currently divorced	0.02	(0.00,0.04)	0.01	0.045*	0.01	(0.00,0.03)	0.01	0.047*
Number of children	-0.02	(-0.04,-0.00)	0.01	0.036*	0.00	(-0.01,0.02)	0.01	0.803
Weekly+ community participation	0.06	(0.05,0.07)	0.01	2.22e-16***	0.02	(0.02,0.03)	0.01	7.44e-07***
Weekly+ religious attendance	0.11	(0.09,0.12)	0.01	2.22e-16***	0.02	(0.01,0.03)	0.01	0.006*
<i>Social Distress</i>								
Loneliness	-0.45	(-0.47,-0.43)	0.01	2.22e-16***	-0.18	(-0.19,-0.16)	0.01	2.22e-16***
Perceived discrimination	-0.11	(-0.12,-0.09)	0.01	2.22e-16***	-0.01	(-0.02,0.01)	0.01	0.284
<i>Character & Prosocial Behavior</i>								
Hope	0.45	(0.43,0.46)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
Gratitude	0.41	(0.39,0.43)	0.01	2.22e-16***	0.15	(0.13,0.17)	0.01	2.22e-16***
Showing love/care	0.27	(0.26,0.29)	0.01	2.22e-16***	0.10	(0.08,0.11)	0.01	2.22e-16***
Forgivingness	0.11	(0.09,0.12)	0.01	2.22e-16***	0.01	(-0.00,0.02)	0.01	0.133
Charitable giving	0.08	(0.07,0.10)	0.01	2.22e-16***	0.04	(0.03,0.05)	0.01	1.36e-09***
Helping strangers	0.02	(0.01,0.04)	0.01	1.46e-03**	0.01	(-0.00,0.02)	0.01	0.264
Volunteering	0.06	(0.05,0.08)	0.01	2.22e-16***	0.03	(0.02,0.04)	0.01	5.74e-09***
<i>Physical Health & Health Behavior</i>								
Health problems	-0.19	(-0.21,-0.17)	0.01	2.22e-16***	-0.06	(-0.07,-0.05)	0.01	2.22e-16***
Pain in past 4 weeks	-0.18	(-0.19,-0.16)	0.01	2.22e-16***	-0.03	(-0.05,-0.02)	0.01	1.48e-07***
Daily smoker	-0.05	(-0.07,-0.03)	0.01	2.15e-08***	-0.01	(-0.02,0.01)	0.01	0.309
Number of drinks per week	-0.00	(-0.02,0.01)	0.01	0.848	0.01	(0.00,0.02)	0.01	0.032*
Days exercise per week	0.13	(0.12,0.15)	0.01	2.22e-16***	0.04	(0.03,0.06)	0.01	1.29e-13***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.10	(0.09,0.11)	0.01	2.22e-16***	0.08	(0.07,0.10)	0.01	2.22e-16***
Currently employed	0.06	(0.04,0.08)	0.01	9.85e-10***	-0.00	(-0.02,0.01)	0.01	0.670
Financially comfortable/getting by	0.28	(0.27,0.30)	0.01	2.22e-16***	0.11	(0.09,0.13)	0.01	2.22e-16***
Own home	0.07	(0.05,0.09)	0.01	3.66e-13***	0.03	(0.02,0.05)	0.01	1.38e-06***
Income – top quintile	0.06	(0.05,0.08)	0.01	4.86e-12***	0.03	(0.02,0.04)	0.01	5.49e-06***
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.15	(0.14,0.17)	0.01	2.22e-16***	0.04	(0.03,0.06)	0.01	5.31e-07***
Belief in life after death	0.05	(0.03,0.06)	0.01	8.19e-07***	0.03	(0.01,0.04)	0.01	5.52e-04***
Transformative religious experience	0.03	(0.01,0.04)	0.01	1.62e-03**	0.01	(-0.00,0.02)	0.01	0.073
Religious reading or listening	0.04	(0.02,0.06)	0.01	1.56e-04***	0.02	(0.00,0.03)	0.01	0.012*
Prayer or meditation	0.06	(0.05,0.08)	0.01	1.09e-11***	0.02	(0.00,0.03)	0.01	0.020*
Belief in God/gods/spiritual forces	0.05	(0.03,0.06)	0.01	9.09e-07***	0.03	(0.02,0.05)	0.01	2.09e-05***
Religious centrality	0.08	(0.06,0.10)	0.01	3.55e-15***	0.03	(0.01,0.05)	0.01	5.85e-04***
Religious/spiritual comfort	0.11	(0.09,0.13)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	8.87e-05***
Feel loved by God	0.12	(0.10,0.14)	0.01	2.22e-16***	0.04	(0.03,0.06)	0.01	4.4e-06***
Feel punished by God	-0.04	(-0.06,-0.02)	0.01	2.42e-05***	0.01	(-0.01,0.02)	0.01	0.375
Experienced religious criticism	-0.04	(-0.05,-0.02)	0.01	4.22e-05***	-0.00	(-0.01,0.01)	0.01	0.918
Faith-sharing	0.06	(0.04,0.08)	0.01	1.99e-13***	0.02	(0.01,0.03)	0.01	1.31e-03**

Notes. N=38312; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Multiple imputation was performed to impute missing data on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S31h. Associations of secure flourishing index with adult well-being and other outcomes at Wave 2 in United States using complete-case analyses with attrition weights.

Exposure	Model 1: Demographic and Childhood Variables as Covariates				Model 2: Demographic, Childhood, and Other Wave 1 Confounding Variables (Via Principal Components) as Covariates			
	ES	95% CI	SE	p-value	ES	95% CI	SE	p-value
<i>Human Flourishing</i>								
Secure flourishing index	0.76	(0.74,0.78)	0.01	2.22e-16***	0.64	(0.62,0.67)	0.01	2.22e-16***
Flourishing index	0.72	(0.70,0.73)	0.01	2.22e-16***	0.55	(0.52,0.57)	0.01	2.22e-16***
Happiness & life satisfaction	0.62	(0.60,0.64)	0.01	2.22e-16***	0.35	(0.32,0.37)	0.01	2.22e-16***
Physical & mental health	0.59	(0.57,0.62)	0.01	2.22e-16***	0.30	(0.27,0.33)	0.01	2.22e-16***
Meaning & purpose	0.59	(0.56,0.61)	0.01	2.22e-16***	0.32	(0.29,0.34)	0.01	2.22e-16***
Character & virtue	0.36	(0.34,0.38)	0.01	2.22e-16***	0.15	(0.13,0.17)	0.01	2.22e-16***
Close social relationships	0.51	(0.49,0.53)	0.01	2.22e-16***	0.25	(0.23,0.27)	0.01	2.22e-16***
Financial & material security	0.44	(0.42,0.46)	0.01	2.22e-16***	0.23	(0.21,0.25)	0.01	2.22e-16***
<i>Individual Flourishing Index Items</i>								
Life satisfaction (a)	0.59	(0.57,0.61)	0.01	2.22e-16***	0.30	(0.28,0.33)	0.01	2.22e-16***
Happiness (a)	0.58	(0.56,0.60)	0.01	2.22e-16***	0.27	(0.25,0.30)	0.01	2.22e-16***
Self-rated physical health (b)	0.42	(0.40,0.44)	0.01	2.22e-16***	0.19	(0.17,0.21)	0.01	2.22e-16***
Self-rated mental health (b)	0.58	(0.56,0.60)	0.01	2.22e-16***	0.24	(0.22,0.27)	0.01	2.22e-16***
Understanding purpose (c)	0.48	(0.46,0.50)	0.01	2.22e-16***	0.22	(0.20,0.24)	0.01	2.22e-16***
Meaningful activities (c)	0.54	(0.52,0.56)	0.01	2.22e-16***	0.25	(0.23,0.28)	0.01	2.22e-16***
Orientation to promote good (d)	0.33	(0.31,0.35)	0.01	2.22e-16***	0.12	(0.10,0.14)	0.01	2.22e-16***
Delayed gratification (d)	0.29	(0.26,0.31)	0.01	2.22e-16***	0.12	(0.10,0.13)	0.01	2.22e-16***
Relationship contentment (e)	0.49	(0.47,0.51)	0.01	2.22e-16***	0.23	(0.21,0.25)	0.01	2.22e-16***
Relationship satisfaction (e)	0.47	(0.45,0.49)	0.01	2.22e-16***	0.21	(0.19,0.23)	0.01	2.22e-16***
Financial security (f)	0.42	(0.40,0.44)	0.01	2.22e-16***	0.21	(0.19,0.23)	0.01	2.22e-16***
Material security (f)	0.40	(0.38,0.42)	0.01	2.22e-16***	0.19	(0.17,0.21)	0.01	2.22e-16***
<i>Psychological Well-Being</i>								
Current life evaluation	0.54	(0.52,0.56)	0.01	2.22e-16***	0.27	(0.25,0.29)	0.01	2.22e-16***
Future life evaluation	0.44	(0.41,0.46)	0.01	2.22e-16***	0.20	(0.18,0.22)	0.01	2.22e-16***
Optimism	0.44	(0.42,0.46)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
Freedom to pursue what's important	0.49	(0.47,0.51)	0.01	2.22e-16***	0.21	(0.18,0.23)	0.01	2.22e-16***
Inner peace	0.36	(0.34,0.38)	0.01	2.22e-16***	0.02	(0.00,0.05)	0.01	0.023*
Life balance	0.38	(0.36,0.40)	0.01	2.22e-16***	0.07	(0.05,0.09)	0.01	1.07e-14***
Sense of mastery	0.30	(0.28,0.32)	0.01	2.22e-16***	0.07	(0.05,0.09)	0.01	1.09e-10***
<i>Psychological Distress</i>								
Traumatic distress	-0.13	(-0.15,-0.11)	0.01	2.22e-16***	0.01	(-0.00,0.03)	0.01	0.154
Depression symptoms composite	-0.32	(-0.34,-0.30)	0.01	2.22e-16***	0.01	(-0.01,0.03)	0.01	0.566
Depression – feel hopeless	-0.31	(-0.34,-0.29)	0.01	2.22e-16***	0.06	(0.03,0.08)	0.01	2.97e-06***
Depression – loss of interest	-0.29	(-0.31,-0.26)	0.01	2.22e-16***	0.02	(0.00,0.04)	0.01	0.036*
Anxiety symptoms composite	-0.30	(-0.32,-0.28)	0.01	2.22e-16***	0.05	(0.03,0.07)	0.01	1.03e-06***
Anxiety – feel on edge	-0.28	(-0.30,-0.26)	0.01	2.22e-16***	0.09	(0.07,0.11)	0.01	2.22e-16***
Anxiety – cannot stop worrying	-0.28	(-0.30,-0.25)	0.01	2.22e-16***	0.07	(0.05,0.09)	0.01	3.69e-12***
Suffering	-0.31	(-0.32,-0.29)	0.01	2.22e-16***	-0.03	(-0.05,-0.02)	0.01	1.62e-04***
<i>Social Well-Being</i>								
Social support	0.34	(0.32,0.37)	0.01	2.22e-16***	0.11	(0.09,0.13)	0.01	2.22e-16***
Intimate/close friend	0.15	(0.13,0.17)	0.01	2.22e-16***	0.04	(0.02,0.05)	0.01	3.19e-05***
Government approval	0.11	(0.10,0.13)	0.01	2.22e-16***	0.01	(-0.00,0.03)	0.01	0.067
Say in government	0.12	(0.10,0.13)	0.01	2.22e-16***	0.01	(-0.00,0.02)	0.01	0.126
Belonging in country	0.31	(0.29,0.33)	0.01	2.22e-16***	0.09	(0.07,0.11)	0.01	2.22e-16***
City/place satisfaction	0.19	(0.17,0.21)	0.01	2.22e-16***	0.05	(0.03,0.06)	0.01	1.9e-09***
Trust within country	0.13	(0.11,0.15)	0.01	2.22e-16***	0.02	(0.01,0.04)	0.01	3.04e-03**
<i>Social Participation</i>								
Ever been married	0.08	(0.04,0.12)	0.02	1.12e-04***	0.04	(0.01,0.07)	0.01	4.17e-03**
Currently divorced	0.02	(-0.00,0.04)	0.01	0.077	0.01	(-0.01,0.03)	0.01	0.199
Number of children	-0.02	(-0.05,0.00)	0.01	0.064	-0.00	(-0.02,0.02)	0.01	0.808
Weekly+ community participation	0.06	(0.05,0.07)	0.01	2.22e-16***	0.03	(0.02,0.04)	0.01	3.27e-07***
Weekly+ religious attendance	0.11	(0.09,0.13)	0.01	2.22e-16***	0.02	(0.00,0.04)	0.01	0.014*
<i>Social Distress</i>								
Loneliness	-0.44	(-0.47,-0.42)	0.01	2.22e-16***	-0.18	(-0.20,-0.16)	0.01	2.22e-16***
Perceived discrimination	-0.11	(-0.13,-0.09)	0.01	2.22e-16***	-0.01	(-0.02,0.01)	0.01	0.313
<i>Character & Prosocial Behavior</i>								
Hope	0.44	(0.42,0.46)	0.01	2.22e-16***	0.16	(0.14,0.18)	0.01	2.22e-16***
Gratitude	0.41	(0.39,0.43)	0.01	2.22e-16***	0.15	(0.13,0.17)	0.01	2.22e-16***
Showing love/care	0.26	(0.24,0.28)	0.01	2.22e-16***	0.10	(0.08,0.11)	0.01	2.22e-16***
Forgivingness	0.10	(0.08,0.12)	0.01	2.22e-16***	0.01	(-0.01,0.02)	0.01	0.425
Charitable giving	0.08	(0.06,0.10)	0.01	2.22e-16***	0.04	(0.02,0.05)	0.01	7.84e-07***
Helping strangers	0.02	(0.00,0.04)	0.01	0.032*	0.00	(-0.01,0.02)	0.01	0.680
Volunteering	0.06	(0.04,0.07)	0.01	5.95e-14***	0.03	(0.02,0.04)	0.01	5.22e-07***
<i>Physical Health & Health Behavior</i>								
Health problems	-0.19	(-0.21,-0.17)	0.01	2.22e-16***	-0.06	(-0.08,-0.04)	0.01	1.36e-12***
Pain in past 4 weeks	-0.18	(-0.20,-0.16)	0.01	2.22e-16***	-0.04	(-0.06,-0.03)	0.01	1.64e-07***
Daily smoker	-0.04	(-0.06,-0.02)	0.01	1.14e-05***	-0.00	(-0.02,0.01)	0.01	0.543
Number of drinks per week	0.00	(-0.01,0.02)	0.01	0.589	0.01	(0.00,0.03)	0.01	0.016*
Days exercise per week	0.13	(0.11,0.15)	0.01	2.22e-16***	0.05	(0.03,0.06)	0.01	1.51e-10***
<i>Socioeconomic Outcomes</i>								
Educational attainment (16+ years)	0.10	(0.08,0.12)	0.01	2.22e-16***	0.08	(0.07,0.10)	0.01	2.22e-16***
Currently employed	0.06	(0.03,0.08)	0.01	1.86e-06***	-0.00	(-0.02,0.02)	0.01	0.820
Financially comfortable/getting by	0.27	(0.25,0.29)	0.01	2.22e-16***	0.11	(0.09,0.13)	0.01	2.22e-16***
Own home	0.07	(0.05,0.09)	0.01	6.04e-10***	0.03	(0.01,0.05)	0.01	6.01e-04***
Income – top quintile	0.06	(0.04,0.08)	0.01	5.15e-08***	0.03	(0.01,0.05)	0.01	2.84e-04***
<i>Religion & Spirituality</i>								
Religious/spiritual connection	0.15	(0.13,0.17)	0.01	2.22e-16***	0.05	(0.02,0.07)	0.01	4.5e-05***
Belief in life after death	0.04	(0.02,0.06)	0.01	1.4e-04***	0.03	(0.01,0.05)	0.01	4.29e-03**
Transformative religious experience	0.02	(0.01,0.04)	0.01	0.012*	0.01	(-0.00,0.03)	0.01	0.100
Religious reading or listening	0.04	(0.01,0.06)	0.01	2.09e-03**	0.01	(-0.01,0.03)	0.01	0.278
Prayer or meditation	0.06	(0.04,0.09)	0.01	3.12e-09***	0.02	(-0.00,0.04)	0.01	0.068
Belief in God/gods/spiritual forces	0.05	(0.03,0.07)	0.01	1.12e-05***	0.04	(0.02,0.06)	0.01	2.42e-05***
Religious centrality	0.08	(0.06,0.10)	0.01	3.87e-12***	0.03	(0.01,0.05)	0.01	2.31e-03**
Religious/spiritual comfort	0.11	(0.09,0.13)	0.01	2.22e-16***	0.04	(0.02,0.06)	0.01	4.53e-04***
Feel loved by God	0.11	(0.09,0.14)	0.01	2.22e-16***	0.04	(0.02,0.07)	0.01	2.08e-04***
Feel punished by God	-0.04	(-0.06,-0.02)	0.01	1.61e-04***	0.01	(-0.01,0.03)	0.01	0.232
Experienced religious criticism	-0.04	(-0.06,-0.02)	0.01	1.08e-04***	-0.00	(-0.02,0.02)	0.01	0.853
Faith-sharing	0.06	(0.04,0.08)	0.01	1.41e-09***	0.02	(0.00,0.03)	0.01	0.009*

Notes. N=32245; RR, risk-ratio, null effect is 1.00; ES, effect size measure for standardized regression coefficient, null effect is 0.00; SE, standard error, the SE reported for binary/Likert-type outcomes where risk-ratios are on the log(RR) scale; CI, confidence interval; p-value, a Wald-type test of the null hypothesis that the effect of the focal predictor is zero; (a) item part of the Happiness & Life Satisfaction domain of the Secure Flourishing Index; (b) item part of the Physical & Mental Health domain of the Secure Flourishing Index; (c) item part of the Meaning & Purpose domain of the Secure Flourishing Index; (d) item part of the Character & Virtue domain of the Secure Flourishing Index; (e) item part of the Subjective Social Connectedness domain of the Secure Flourishing Index; (f) item part of the Financial & Material Security domain of the Secure Flourishing Index.

Attrition weights were computed to adjust the complete case data (those who responded at Wave 2 to at least 50% of the questions) and multiple imputation was used to impute missing data on all remaining within wave on the covariates, exposure, and outcomes. All models controlled for sociodemographic and childhood factors assessed at Wave 1: relationship with mother growing up; relationship with father growing up; parent marital status around age 12; experienced abuse growing up (except for Israel); felt like an outsider in family growing up; self-rated health growing up; subjective financial status growing up; religious affiliation at age 12; frequency of religious service attendance around age 12; year of birth; gender; education, employment status, marital status, immigration status; and racial/ethnic identity when available. For Model 2 with PC (principal components), the first seven principal components of the entire set of contemporaneous confounders assessed at Wave 1 were included as additional covariates of the outcomes at Wave 2.

An predictor-wide analytic approach was used, and a separate model was run for each predictor. An identical model was run for the focal outcome with the only varying predictor being the predictor described in each row. The outcome is approximately continuous and a weighted multiple linear regression analysis was conducted to estimate the change in the outcome for a unit change in the predictor.

P-value significance thresholds: p < 0.05*, p < 0.005**, (Bonferroni) p < 6.41e-04***, correction for multiple testing using Bonferroni adjusted significant threshold.

Table S31i. Sensitivity analysis of secure flourishing index outcome-wide results to unmeasured confounding using E-values in United States

Exposure	Multiple Imputation				Complete Case w/ Attrition Weights			
	Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates		Model 1: Demographics and Childhood Variables as Covariates		Model 2: Demographics, Childhood, and Other Wave 1 Confounders (Via Principal Components) as Covariates	
	EE	ECI	EE	ECI	EE	ECI	EE	ECI
Human Flourishing								
Secure flourishing index	2.50	2.47	2.27	2.23	2.46	2.43	2.24	2.20
Flourishing index	2.42	2.39	2.11	2.07	2.39	2.36	2.09	2.04
Happiness & life satisfaction	2.07	2.04	1.66	1.62	2.05	2.02	1.65	1.61
Physical & mental health	2.08	2.05	1.61	1.58	2.06	2.02	1.61	1.57
Meaning & purpose	1.92	1.90	1.57	1.55	1.90	1.87	1.56	1.53
Character & virtue	1.81	1.78	1.42	1.39	1.80	1.76	1.42	1.38
Close social relationships	1.78	1.76	1.45	1.43	1.76	1.74	1.45	1.43
Financial & material security	1.58	1.57	1.37	1.35	1.58	1.56	1.37	1.35
Individual Flourishing Index Items								
Life satisfaction	1.94	1.92	1.55	1.52	1.92	1.89	1.55	1.51
Happiness	2.02	1.99	1.56	1.53	1.99	1.96	1.55	1.51
Self-rated physical health	1.76	1.74	1.41	1.38	1.75	1.72	1.42	1.39
Self-rated mental health	1.89	1.87	1.46	1.43	1.87	1.84	1.45	1.42
Understanding purpose	1.68	1.66	1.39	1.37	1.67	1.64	1.38	1.36
Meaningful activities	1.86	1.84	1.49	1.46	1.83	1.81	1.47	1.44
Orientation to promote good	1.72	1.69	1.36	1.33	1.70	1.67	1.34	1.31
Delayed gratification	1.57	1.54	1.30	1.28	1.56	1.53	1.31	1.28
Relationship contentment	1.76	1.74	1.43	1.41	1.75	1.72	1.43	1.40
Relationship satisfaction	1.69	1.67	1.38	1.36	1.68	1.66	1.38	1.36
Financial security	1.53	1.51	1.33	1.31	1.52	1.51	1.33	1.31
Material security	1.54	1.52	1.32	1.30	1.53	1.51	1.32	1.29
Psychological Well-Being								
Current life evaluation	1.98	1.95	1.56	1.53	1.96	1.93	1.56	1.53
Future life evaluation	1.79	1.76	1.43	1.41	1.78	1.75	1.44	1.41
Optimism	1.71	1.69	1.34	1.31	1.69	1.67	1.33	1.31
Freedom to pursue what's important	1.70	1.68	1.37	1.35	1.69	1.66	1.37	1.35
Inner peace	4.11	3.93	1.31	1.15	4.04	3.82	1.31	1.10
Life balance	4.03	3.87	1.59	1.50	3.97	3.78	1.62	1.50
Sense of mastery	4.15	3.91	1.64	1.51	4.11	3.83	1.71	1.54
Psychological Distress								
Traumatic distress	2.03	1.93	1.14	1.00	1.96	1.85	1.18	1.00
Depression symptoms composite	3.77	3.59	1.07	1.00	3.70	3.48	1.13	1.00
Depression – feel hopeless	4.02	3.79	1.56	1.41	3.96	3.68	1.58	1.40
Depression – loss of interest	3.52	3.34	1.26	1.08	3.46	3.24	1.29	1.06
Anxiety symptoms composite	3.25	3.10	1.44	1.34	3.24	3.06	1.46	1.32
Anxiety – feel on edge	3.22	3.06	1.72	1.61	3.22	3.03	1.73	1.60
Anxiety – cannot stop worrying	3.29	3.12	1.65	1.54	3.29	3.08	1.66	1.52
Suffering	2.97	2.87	1.32	1.23	2.92	2.80	1.32	1.20
Social Well-Being								
Social support	1.55	1.53	1.25	1.23	1.55	1.52	1.26	1.23
Intimate/close friend	2.46	2.30	1.45	1.33	2.39	2.20	1.44	1.29
Government approval	1.86	1.77	1.23	1.11	1.85	1.75	1.19	1.00
Say in government	1.88	1.80	1.21	1.09	1.87	1.77	1.17	1.00
Belonging in country	1.48	1.46	1.21	1.18	1.48	1.45	1.22	1.19
City/place satisfaction	2.32	2.21	1.41	1.33	2.31	2.19	1.44	1.34
Trust within country	1.85	1.77	1.24	1.14	1.85	1.76	1.24	1.13
Social Participation								
Ever been married	1.57	1.36	1.41	1.24	1.62	1.38	1.41	1.20
Currently divorced	1.31	1.04	1.26	1.03	1.33	1.00	1.22	1.00
Number of children	1.13	1.03	1.04	1.00	1.17	1.00	1.05	1.00
Weekly+ community participation	1.60	1.51	1.34	1.25	1.62	1.51	1.39	1.29
Weekly+ religious attendance	1.82	1.73	1.25	1.12	1.85	1.74	1.26	1.10
Social Distress								
Loneliness	1.59	1.58	1.31	1.29	1.59	1.57	1.31	1.29
Perceived discrimination	1.82	1.72	1.14	1.00	1.83	1.71	1.15	1.00
Character & Prosocial Behavior								
Hope	1.73	1.71	1.35	1.33	1.72	1.69	1.35	1.32
Gratitude	1.68	1.65	1.33	1.31	1.67	1.64	1.34	1.31
Showing love/care	1.60	1.57	1.30	1.27	1.59	1.55	1.30	1.26
Forgivingness	1.85	1.74	1.17	1.00	1.81	1.68	1.13	1.00
Charitable giving	1.59	1.51	1.35	1.27	1.57	1.47	1.34	1.25
Helping strangers	1.26	1.15	1.12	1.00	1.23	1.06	1.08	1.00
Volunteering	1.53	1.44	1.32	1.25	1.51	1.41	1.33	1.24
Physical Health & Health Behavior								
Health problems	2.37	2.26	1.53	1.45	2.36	2.23	1.53	1.42
Pain in past 4 weeks	2.11	2.03	1.32	1.24	2.13	2.04	1.36	1.27
Daily smoker	1.60	1.44	1.16	1.00	1.57	1.38	1.14	1.00
Number of drinks per week	1.01	1.00	1.04	1.01	1.03	1.00	1.05	1.02
Days exercise per week	1.29	1.27	1.15	1.13	1.29	1.27	1.16	1.13
Socioeconomic Outcomes								
Educational attainment (16+ years)	1.69	1.62	1.61	1.53	1.70	1.61	1.61	1.53
Currently employed	1.49	1.38	1.08	1.00	1.46	1.32	1.07	1.00
Financially comfortable/getting by	3.38	3.20	1.93	1.82	3.28	3.07	1.91	1.77
Own home	1.58	1.46	1.36	1.26	1.57	1.44	1.32	1.19
Income – top quintile	1.59	1.48	1.35	1.25	1.59	1.45	1.37	1.23
Religion & Spirituality								
Religious/spiritual connection	2.00	1.89	1.39	1.29	1.96	1.84	1.39	1.26
Belief in life after death	1.39	1.28	1.28	1.17	1.37	1.23	1.29	1.14
Transformative religious experience	1.28	1.16	1.17	1.00	1.27	1.11	1.18	1.00
Religious reading or listening	1.39	1.25	1.25	1.11	1.38	1.20	1.17	1.00
Prayer or meditation	1.50	1.40	1.23	1.08	1.50	1.38	1.22	1.00
Belief in God/gods/spiritual forces	1.43	1.31	1.34	1.23	1.44	1.30	1.39	1.26
Religious centrality	1.57	1.46	1.30	1.18	1.58	1.46	1.31	1.17
Religious/spiritual comfort	1.73	1.63	1.35	1.23	1.74	1.62	1.37	1.22
Feel loved by God	1.79	1.69	1.39	1.27	1.76	1.64	1.39	1.24
Feel punished by God	1.53	1.35	1.17	1.00	1.54	1.33	1.22	1.00
Experienced religious criticism	1.52	1.34	1.05	1.00	1.58	1.36	1.08	1.00
Faith-sharing	1.49	1.40	1.24	1.14	1.48	1.37	1.24	1.11

Notes. EE, E-value for estimate; ECI, E-value for the limit of the confidence interval. The formula for calculating E-values can be found in VanderWeele and Ding (2017). E-values for estimate are the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to fully explain away the observed association between the exposure and outcome, conditional on the measured covariates. E-values for the 95% CI closest to the null denote the minimum strength of association on the risk ratio scale that an unmeasured confounder would need to have with both the exposure and the outcome to shift the CI to include the null value, conditional on the measured covariates.

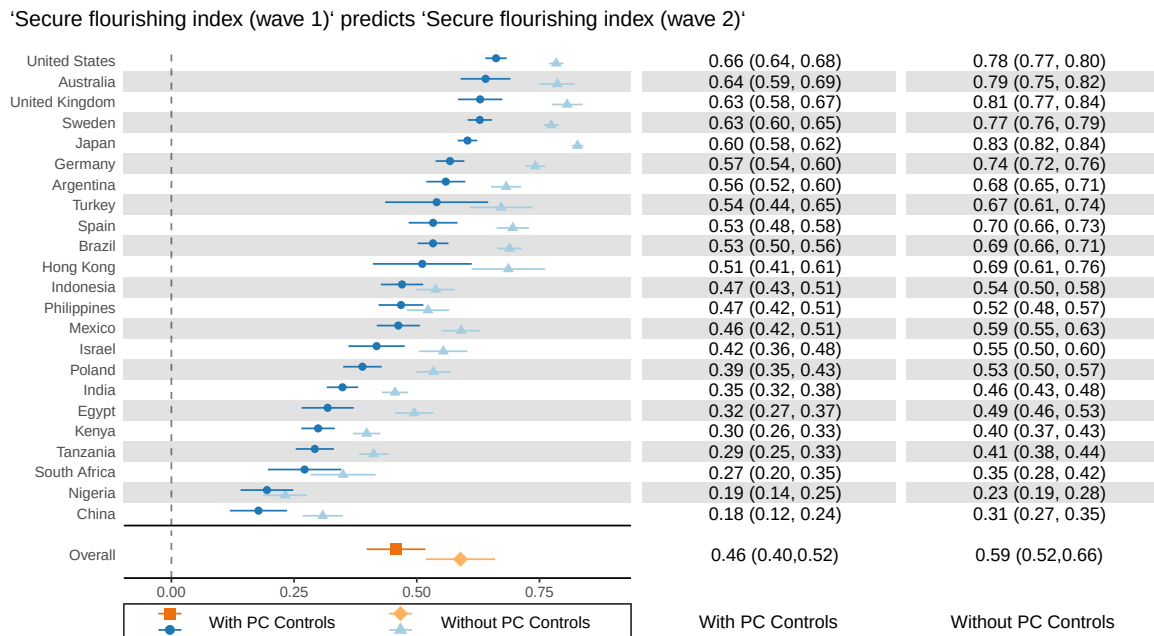
Table S34. Model 1 (controlling for demographic and childhood) outcome-wide results for Secure flourishing index (Wave 2)–point estimates of effect sizes only–re-structured for comparison across countries.

Focal Exposure	Argentina	Australia	Brazil	China	Egypt	Germany	Hong Kong	India	Indonesia	Israel	Japan	Kenya	Mexico	Nigeria	Philippines	Poland	South Africa	Spain	Sweden	Tanzania	Turkey	United Kingdom	United States
Human Flourishing																							
Secure flourishing index	0.68	0.79	0.69	0.31	0.49	0.74	0.69	0.46	0.54	0.55	0.83	0.40	0.59	0.23	0.52	0.53	0.35	0.70	0.77	0.41	0.67	0.81	0.78
Flourishing index	0.68	0.73	0.66	0.32	0.47	0.71	0.69	0.44	0.50	0.52	0.80	0.36	0.57	0.22	0.49	0.52	0.33	0.67	0.74	0.39	0.64	0.78	0.74
Happiness & life satisfaction	0.56	0.67	0.56	0.23	0.35	0.56	0.56	0.38	0.40	0.41	0.69	0.27	0.49	0.18	0.39	0.43	0.25	0.53	0.64	0.30	0.50	0.66	0.64
Physical & mental health	0.53	0.63	0.55	0.25	0.39	0.51	0.60	0.36	0.42	0.38	0.66	0.24	0.46	0.18	0.41	0.47	0.20	0.53	0.60	0.28	0.45	0.61	0.61
Meaning & purpose	0.56	0.58	0.54	0.25	0.33	0.55	0.58	0.31	0.38	0.45	0.67	0.27	0.49	0.15	0.37	0.44	0.26	0.54	0.60	0.29	0.55	0.66	0.60
Character & virtue	0.33	0.35	0.28	0.22	0.17	0.33	0.49	0.22	0.33	0.24	0.51	0.18	0.26	0.14	0.32	0.24	0.17	0.29	0.32	0.19	0.40	0.44	0.38
Close social relationships	0.48	0.50	0.49	0.26	0.34	0.45	0.47	0.28	0.38	0.40	0.63	0.25	0.42	0.13	0.36	0.40	0.28	0.48	0.54	0.25	0.39	0.57	0.52
Financial & material security	0.25	0.46	0.30	0.14	0.33	0.41	0.35	0.20	0.32	0.40	0.53	0.27	0.27	0.13	0.29	0.32	0.21	0.33	0.39	0.28	0.46	0.45	0.45
Individual Flourishing Index Items																							
Life satisfaction (a)	0.53	0.61	0.53	0.21	0.28	0.53	0.51	0.34	0.36	0.32	0.67	0.23	0.46	0.16	0.35	0.40	0.19	0.51	0.61	0.24	0.47	0.61	0.61
Happiness (a)	0.48	0.63	0.50	0.21	0.31	0.53	0.51	0.32	0.34	0.41	0.65	0.22	0.44	0.15	0.35	0.39	0.24	0.50	0.60	0.26	0.46	0.62	0.60
Self-rated physical health (b)	0.43	0.41	0.42	0.20	0.31	0.39	0.53	0.32	0.34	0.34	0.53	0.23	0.37	0.17	0.35	0.41	0.16	0.44	0.41	0.26	0.35	0.44	0.43
Self-rated mental health (b)	0.47	0.62	0.52	0.22	0.30	0.50	0.49	0.31	0.41	0.33	0.66	0.16	0.42	0.14	0.35	0.43	0.19	0.49	0.60	0.20	0.42	0.60	0.59
Understanding purpose (c)	0.44	0.49	0.43	0.22	0.26	0.45	0.48	0.19	0.32	0.40	0.55	0.18	0.41	0.10	0.29	0.36	0.21	0.44	0.47	0.19	0.46	0.56	0.49
Meaningful activities (c)	0.49	0.52	0.48	0.20	0.28	0.47	0.50	0.29	0.32	0.39	0.62	0.23	0.43	0.14	0.32	0.42	0.20	0.47	0.57	0.27	0.48	0.59	0.56
Orientation to promote good (d)	0.27	0.32	0.28	0.23	0.18	0.28	0.48	0.21	0.28	0.27	0.57	0.16	0.28	0.10	0.28	0.33	0.13	0.26	0.33	0.19	0.43	0.40	0.34
Delayed gratification (d)	0.26	0.25	0.21	0.16	0.11	0.24	0.37	0.15	0.30	0.15	0.30	0.13	0.17	0.14	0.29	0.11	0.14	0.22	0.22	0.12	0.27	0.34	0.30
Relationship contentment (e)	0.41	0.48	0.44	0.24	0.31	0.43	0.42	0.26	0.31	0.38	0.60	0.20	0.36	0.09	0.29	0.37	0.24	0.43	0.51	0.22	0.31	0.55	0.51
Relationship satisfaction (e)	0.45	0.47	0.47	0.25	0.28	0.43	0.43	0.23	0.35	0.37	0.61	0.22	0.40	0.13	0.35	0.36	0.24	0.45	0.51	0.23	0.40	0.53	0.48
Financial security (f)	0.25	0.43	0.28	0.15	0.31	0.37	0.33	0.18	0.31	0.39	0.48	0.23	0.26	0.13	0.25	0.28	0.18	0.33	0.36	0.24	0.44	0.42	0.42
Material security (f)	0.22	0.42	0.27	0.11	0.28	0.38	0.28	0.18	0.27	0.34	0.50	0.25	0.24	0.10	0.26	0.32	0.20	0.28	0.35	0.25	0.38	0.40	0.41
Psychological Well-Being																							
Current life evaluation	0.42	0.53	0.39	0.17	0.26	0.43	0.37	0.24	0.22	0.28	0.61	0.16	0.32	0.08	0.21	0.22	0.22	0.44	0.53	0.19	0.31	0.50	0.55
Future life evaluation	0.34	0.43	0.25	0.14	0.20	0.41	0.42	0.18	0.19	0.35	0.59	0.17	0.21	0.10	0.21	0.27	0.14	0.40	0.45	0.23	0.34	0.42	0.44
Optimism	0.27	0.49	0.21	0.17	0.25	0.39	0.44	0.19	0.21	0.29	0.41	0.10	0.26	0.09	0.24	0.37	0.16	0.31	0.44	0.16	0.26	0.52	0.46
Freedom to pursue what's important	0.43	0.48	0.40	0.24	0.27	0.40	0.35	0.24	0.31	0.32	0.51	0.18	0.37	0.13	0.29	0.35	0.23	0.41	0.45	0.20	0.34	0.50	0.50
Inner peace	0.12	0.41	0.35	0.10	0.07	0.35	0.23	0.08	0.08	0.15	0.39	0.10	0.10	0.09	0.07	0.24	0.18	0.08	0.38	0.13	0.31	0.45	0.37
Life balance	0.23	0.40	0.39	0.10	0.16	0.35	0.30	0.04	0.14	0.24	0.40	0.14	0.25	0.05	0.09	0.26	0.20	0.28	0.38	0.06	0.33	0.44	0.39
Sense of mastery	0.24	0.26	0.28	0.09	0.12	0.23	0.21	0.07	0.13	0.17	0.30	0.14	0.20	0.02	0.14	0.23	0.10	0.28	0.33	0.17	0.20	0.36	0.30
Psychological Distress																							
Traumatic distress	-0.12	-0.19	-0.10	-0.05	-0.19	-0.13	-0.13	-0.19	-0.12	-0.18	-0.21	-0.07	-0.11	-0.05	-0.03	-0.16	-0.06	-0.19	-0.13	-0.09	-0.12	-0.16	-0.14
Depression symptoms composite	-0.30	-0.37	-0.27	-0.10	-0.31	-0.29	-0.19	-0.10	-0.09	-0.23	-0.33	-0.13	-0.23	-0.07	-0.12	-0.21	-0.09	-0.32	-0.33	-0.11	-0.25	-0.36	-0.33
Depression – feel hopeless	-0.31	-0.37	-0.26	-0.09	-0.27	-0.28	-0.22	-0.15	-0.14	-0.19	-0.31	-0.12	-0.20	-0.07	-0.12	-0.20	-0.09	-0.33	-0.33	-0.12	-0.30	-0.37	-0.32
Depression – loss of interest	-0.23	-0.32	-0.19	-0.08	-0.23	-0.27	-0.13	-0.05	-0.04	-0.18	-0.29	-0.08	-0.19	-0.05	-0.05	-0.18	-0.03	-0.27	-0.24	-0.06	-0.12	-0.29	-0.29
Anxiety symptoms composite	-0.23	-0.33	-0.26	-0.09	-0.25	-0.26	-0.25	-0.19	-0.15	-0.23	-0.31	-0.13	-0.20	-0.10	-0.11	-0.25	-0.12	-0.30	-0.30	-0.13	-0.29	-0.32	-0.30
Anxiety – feel on edge	-0.25	-0.32	-0.26	-0.09	-0.23	-0.25	-0.22	-0.17	-0.12	-0.21	-0.32	-0.09	-0.23	-0.10	-0.09	-0.20	-0.07	-0.31	-0.29	-0.13	-0.25	-0.30	-0.28
Anxiety – cannot stop worrying	-0.19	-0.30	-0.22	-0.08	-0.20	-0.25	-0.24	-0.14	-0.13	-0.19	-0.26	-0.11	-0.15	-0.08	-0.09	-0.24	-0.14	-0.29	-0.27	-0.10	-0.23	-0.29	-0.28
Suffering	-0.29	-0.32	-0.25	-0.15	-0.17	-0.27	-0.24	-0.12	-0.12	-0.23	-0.36	-0.12	-0.21	-0.08	-0.10	-0.22	-0.16	-0.28	-0.31	-0.13	-0.23	-0.32	-0.31
Social Well-Being																							
Social support	0.27	0.32	0.30	0.14	0.24	0.32	0.21	0.23	0.13	0.27	0.34	0.13	0.27	0.06	0.24	0.36	0.14	0.34	0.33	0.14	0.30	0.37	0.35
Intimate/close friend	0.09	0.16	0.16	0.08	0.03	0.15	0.10	0.07	0.03	-0.03	0.24	0.04	0.08	0.01	-0.00	0.11	0.03	0.11	0.18	0.06	0.13	0.16	0.16
Government approval	0.04	0.09	0.09	-	-	0.15	0.18	0.06	0.09	0.15	0.16	0.11	0.15	-0.00	0.07	-0.03	0.02	0.06	0.08	0.05	0.25	0.14	0.11
Say in government	0.03	0.12	0.08	-	0.05	0.10	0.11	0.04	0.06	0.07	0.12	0.11	0.13	0.03	0.10	-0.00	0.05	0.04	0.07	0.06	0.14	0.13	0.12
Belonging in country	0.23	0.30	0.26	-	0.24	0.22	0.29	0.20	0.26	0.21	0.42	0.17	0.25	0.11	0.27	0.15	0.16	0.18	0.25	0.14	0.30	0.31	0.31
City/place satisfaction	0.19	0.15	0.20	0.09	0.09	0.18	0.24	0.09	0.06	0.07	0.26	0.11	0.19	0.04	0.13	0.03	0.02	0.17	0.18	0.08	0.21	0.23	0.19
Trust within country	0.08	0.16	0.15	0.07	0.14	0.16	0.16																

Table S35. Model 2 (controlling for demographic, childhood, and contemporaneous exposures) predictor-wide results for Secure flourishing index (Wave 2)–point estimates of effect sizes only–re-structured for comparison across countries.

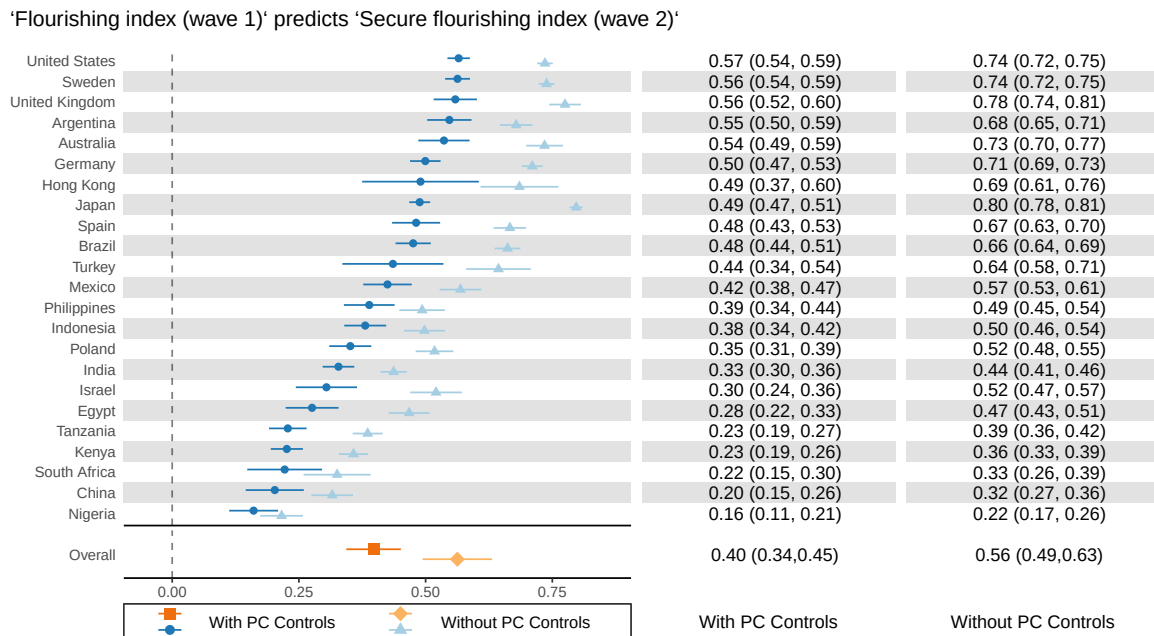
Focal Exposure	Argentina	Australia	Brazil	China	Egypt	Germany	Hong Kong	India	Indonesia	Israel	Japan	Kenya	Mexico	Nigeria	Philippines	Poland	South Africa	Spain	Sweden	Tanzania	Turkey	United Kingdom	United States
Human Flourishing																							
Secure flourishing index	0.56	0.64	0.53	0.18	0.32	0.57	0.51	0.35	0.47	0.42	0.60	0.30	0.46	0.19	0.47	0.39	0.27	0.53	0.63	0.29	0.54	0.63	0.66
Flourishing index	0.55	0.54	0.48	0.20	0.28	0.50	0.49	0.33	0.38	0.30	0.49	0.23	0.42	0.16	0.39	0.35	0.22	0.48	0.56	0.23	0.44	0.56	0.57
Happiness & life satisfaction	0.31	0.35	0.27	0.06	0.09	0.23	0.22	0.20	0.20	0.15	0.26	0.11	0.29	0.10	0.22	0.19	0.09	0.21	0.26	0.12	0.15	0.27	0.35
Physical & mental health	0.28	0.31	0.25	0.08	0.16	0.18	0.26	0.17	0.23	0.08	0.20	0.10	0.25	0.12	0.24	0.25	0.07	0.21	0.26	0.10	0.11	0.22	0.30
Meaning & purpose	0.33	0.26	0.25	0.09	0.13	0.27	0.29	0.10	0.19	0.21	0.24	0.13	0.31	0.06	0.20	0.24	0.12	0.23	0.25	0.10	0.26	0.31	0.33
Character & virtue	0.17	0.14	0.10	0.07	0.05	0.13	0.20	0.08	0.17	0.06	0.11	0.07	0.12	0.07	0.17	0.08	0.03	0.12	0.09	0.03	0.19	0.15	0.15
Close social relationships	0.26	0.18	0.22	0.12	0.14	0.20	0.11	0.13	0.20	0.17	0.19	0.12	0.21	0.04	0.19	0.17	0.17	0.21	0.26	0.10	0.10	0.23	0.25
Financial & material security	0.14	0.22	0.16	0.01	0.09	0.19	0.08	0.09	0.18	0.20	0.20	0.15	0.15	0.08	0.16	0.10	0.12	0.18	0.17	0.12	0.17	0.17	0.23
Individual Flourishing Index Items																							
Life satisfaction (a)	0.28	0.25	0.23	0.04	0.06	0.19	0.19	0.16	0.15	0.08	0.23	0.08	0.25	0.08	0.16	0.16	0.02	0.18	0.23	0.08	0.10	0.22	0.30
Happiness (a)	0.21	0.31	0.19	0.05	0.05	0.18	0.14	0.12	0.13	0.16	0.20	0.06	0.23	0.07	0.16	0.15	0.10	0.16	0.20	0.08	0.11	0.21	0.28
Self-rated physical health (b)	0.21	0.18	0.16	0.05	0.09	0.12	0.22	0.12	0.13	0.09	0.12	0.10	0.18	0.10	0.19	0.19	0.04	0.15	0.16	0.09	0.10	0.15	0.18
Self-rated mental health (b)	0.20	0.25	0.19	0.06	0.13	0.16	0.14	0.12	0.21	0.02	0.17	0.04	0.21	0.07	0.17	0.21	0.07	0.14	0.19	0.06	0.05	0.17	0.24
Understanding purpose (c)	0.23	0.18	0.17	0.08	0.09	0.20	0.20	0.05	0.15	0.18	0.14	0.08	0.23	0.02	0.12	0.16	0.10	0.17	0.16	0.04	0.19	0.22	0.23
Meaningful activities (c)	0.24	0.19	0.18	0.04	0.09	0.18	0.18	0.10	0.13	0.14	0.18	0.10	0.23	0.06	0.16	0.22	0.07	0.15	0.20	0.10	0.18	0.22	0.26
Orientation to promote good (d)	0.12	0.12	0.11	0.07	0.07	0.10	0.17	0.06	0.12	0.08	0.13	0.06	0.13	0.03	0.14	0.14	0.00	0.10	0.08	0.05	0.23	0.13	0.13
Delayed gratification (d)	0.14	0.09	0.06	0.04	0.02	0.09	0.13	0.05	0.15	0.03	0.05	0.04	0.07	0.07	0.14	0.02	0.03	0.08	0.06	-0.00	0.08	0.09	0.12
Relationship contentment (e)	0.19	0.16	0.15	0.10	0.13	0.17	0.07	0.11	0.14	0.15	0.15	0.08	0.16	0.01	0.12	0.14	0.14	0.16	0.20	0.07	0.04	0.20	0.23
Relationship satisfaction (e)	0.24	0.15	0.19	0.11	0.08	0.16	0.09	0.09	0.17	0.14	0.15	0.09	0.19	0.05	0.19	0.13	0.13	0.18	0.21	0.08	0.12	0.18	0.21
Financial security (f)	0.13	0.20	0.12	0.01	0.06	0.16	0.07	0.06	0.15	0.18	0.17	0.09	0.10	0.07	0.12	0.06	0.08	0.18	0.16	0.07	0.16	0.15	0.21
Material security (f)	0.12	0.17	0.12	-0.01	0.04	0.16	0.03	0.07	0.11	0.12	0.14	0.11	0.10	0.04	0.11	0.09	0.09	0.12	0.13	0.08	0.08	0.11	0.19
Psychological Well-Being																							
Current life evaluation	0.19	0.18	0.13	0.05	0.05	0.14	0.06	0.08	0.07	0.04	0.17	0.03	0.13	0.02	0.08	0.04	0.10	0.10	0.15	0.05	-0.01	0.14	0.27
Future life evaluation	0.15	0.16	0.07	0.02	0.01	0.16	0.13	0.04	0.07	0.09	0.16	0.04	0.05	0.04	0.07	0.08	0.03	0.15	0.12	0.08	0.06	0.10	0.20
Optimism	0.10	0.16	0.06	0.02	0.05	0.11	0.15	0.05	0.09	0.07	0.04	0.02	0.14	0.02	0.11	0.17	0.10	0.06	0.10	0.04	0.05	0.14	0.16
Freedom to pursue what's important	0.21	0.18	0.14	0.10	0.07	0.13	0.06	0.09	0.14	0.05	0.09	0.06	0.18	0.06	0.14	0.14	0.13	0.14	0.12	0.06	0.06	0.16	0.20
Inner peace	0.04	0.04	0.04	0.00	-0.01	0.03	0.03	0.03	-0.01	-0.06	0.02	0.04	0.04	0.04	0.03	0.02	0.09	-0.00	0.01	0.03	0.04	0.05	0.02
Life balance	0.04	0.05	0.08	0.00	0.05	0.05	0.10	0.01	0.05	0.04	0.02	0.05	0.11	0.00	0.04	0.04	0.11	0.02	0.02	-0.03	0.08	0.05	0.07
Sense of mastery	0.07	0.03	0.04	-0.00	0.04	0.04	0.05	0.02	0.05	0.00	0.05	0.07	0.08	-0.01	0.09	0.04	0.02	0.05	0.03	0.06	0.08	0.03	0.06
Psychological Distress																							
Traumatic distress	0.03	-0.02	-0.00	0.01	-0.03	-0.02	0.06	-0.05	-0.02	-0.01	0.00	-0.00	0.03	0.02	0.03	0.00	-0.03	-0.04	-0.02	0.01	-0.01	-0.01	0.01
Depression symptoms composite	-0.04	0.00	-0.01	-0.01	-0.10	0.03	-0.04	-0.02	0.01	0.03	-0.00	-0.01	-0.00	0.00	-0.03	0.01	0.05	-0.01	0.00	-0.00	-0.01	-0.01	0.00
Depression – feel hopeless	-0.04	0.06	0.01	0.01	-0.05	0.06	-0.00	0.01	-0.03	0.12	0.02	-0.00	0.05	0.01	-0.04	0.02	0.03	0.02	0.03	-0.00	-0.10	0.01	0.05
Depression – loss of interest	-0.01	-0.00	-0.01	-0.01	-0.07	-0.00	-0.02	-0.01	0.03	-0.03	0.00	0.02	-0.00	0.01	0.02	-0.01	0.05	0.01	0.02	0.01	0.09	0.03	0.02
Anxiety symptoms composite	0.02	0.04	-0.01	0.03	-0.02	0.04	-0.04	-0.04	-0.02	0.02	0.02	-0.00	-0.01	-0.03	-0.01	-0.02	-0.02	0.02	0.02	-0.00	-0.09	0.04	0.05
Anxiety – feel on edge	0.02	0.06	0.00	0.01	-0.00	0.05	-0.01	-0.02	0.00	0.05	0.02	0.02	-0.02	-0.05	0.01	0.02	0.04	0.03	0.05	-0.01	-0.06	0.08	0.08
Anxiety – cannot stop worrying	0.05	0.09	0.02	0.05	0.02	0.03	-0.02	-0.00	-0.02	0.04	0.01	0.01	0.03	-0.01	-0.01	-0.04	-0.06	0.05	0.06	0.01	-0.04	0.08	0.07
Suffering	-0.06	-0.05	-0.01	-0.09	-0.02	-0.04	-0.09	0.01	-0.01	0.04	-0.07	-0.04	-0.02	-0.02	-0.05	-0.01	-0.09	-0.03	-0.03	0.00	0.01	-0.03	-0.03
Social Well-Being																							
Social support	0.07	0.07	0.07	0.04	0.06	0.10	0.06	0.12	0.01	0.03	0.03	0.02	0.08	0.00	0.08	0.12	0.04	0.12	0.07	0.01	0.08	0.08	0.11
Intimate/close friend	0.02	0.02	0.03	0.03	-0.02	0.05	-0.02	0.04	0.03	-0.02	0.01	0.03	0.02	0.01	-0.04	0.04	0.01	0.02	0.03	0.04	0.01	0.02	0.04
Government approval	-0.03	0.02	0.01	-	-	0.02	0.03	0.05	0.02	0.06	0.02	0.04	0.06	-0.02	0.01	-0.02	-0.01	-0.00	0.02	0.02	0.04	0.02	0.02
Say in government	-0.02	0.03	0.02	-	0.02	0.02	0.02	0.02	0.02	-0.00	0.01	0.05	0.05	0.02	0.05	0.02	-0.01	-0.05	0.00	0.03	-0.03	0.01	0.02
Belonging in country	0.06	0.05	0.05	-	0.11	0.03	0.04	0.07	0.12	0.04	0.04	0.06	0.09	0.04	0.12	0.03	0.03	0.04	0.04	0.02	0.01	0.04	0.08
City/place satisfaction	0.06	0.02	0.06	0.03	0.03	0.04	0.09	0.05	0.01	0.03	0.04	0.06	0.09	0.03	0.06	0.00	-0.01	0.03	0.04	0.06	-0.00	0.03	0.04
Trust within country	-0.02	0.03	0.03	0.01	0.03	0.02	0.06																

Figure S1. Heterogeneity in the effects of Secure flourishing index (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



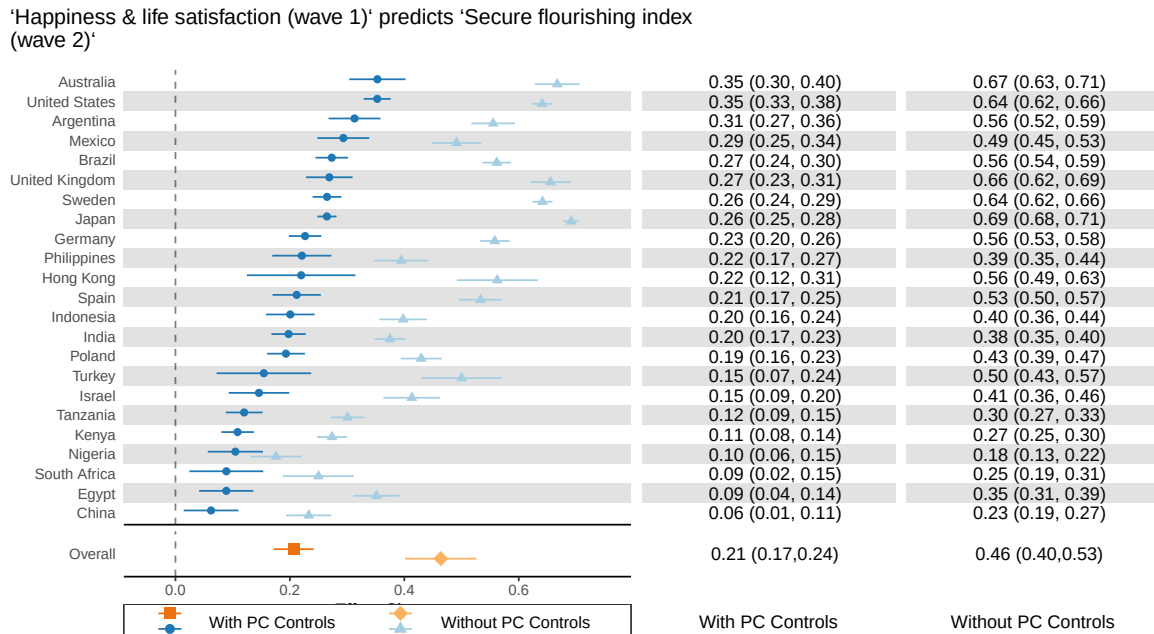
PCs Excluded; $\tau^2=0.171$; Q-profile 95% CI [0.128, 0.232]; Q(df=22)=3135.74, $p<2e-16$; $I^2=99.35$
PCs Included; $\tau^2=0.144$; Q-profile 95% CI [0.107, 0.196]; Q(df=22)=1209.03, $p<2e-16$; $I^2=98.26$

Figure S2. *Heterogeneity in the effects of Flourishing index (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



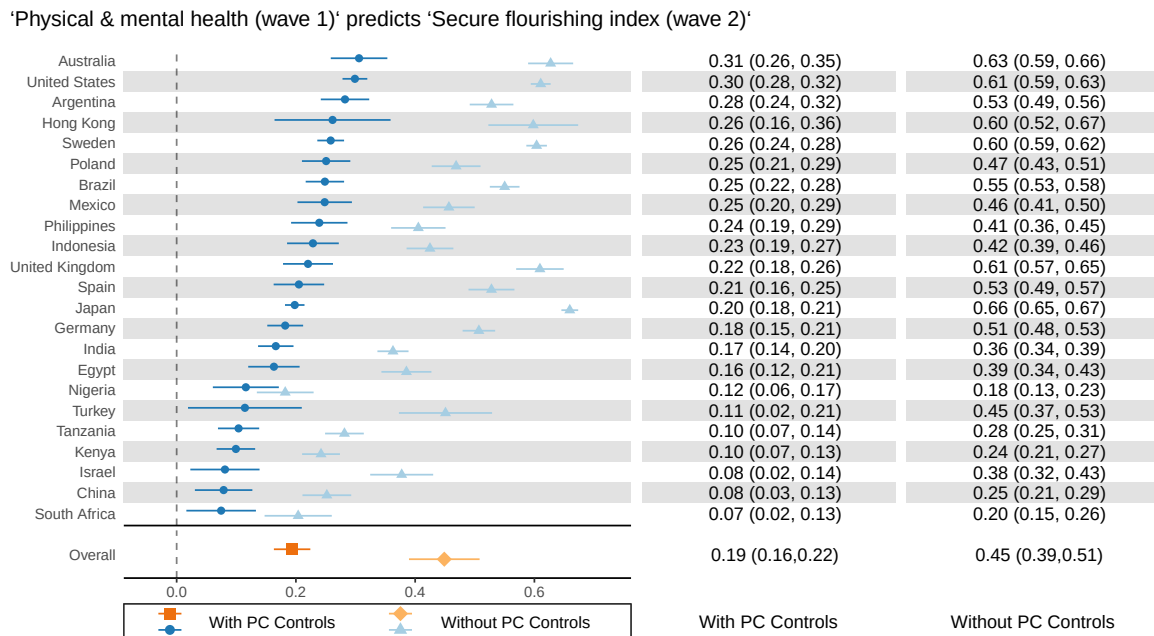
PCs Excluded; $\tau = 0.166$; Q-profile 95% CI [0.124, 0.225]; $Q(df=22)=2880.77$, $p < 2e-16$; $I^2=99.27$
PCs Included; $\tau = 0.129$; Q-profile 95% CI [0.096, 0.176]; $Q(df=22)=999.07$, $p < 2e-16$; $I^2=97.80$

Figure S3. *Heterogeneity in the effects of Happiness & life satisfaction (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



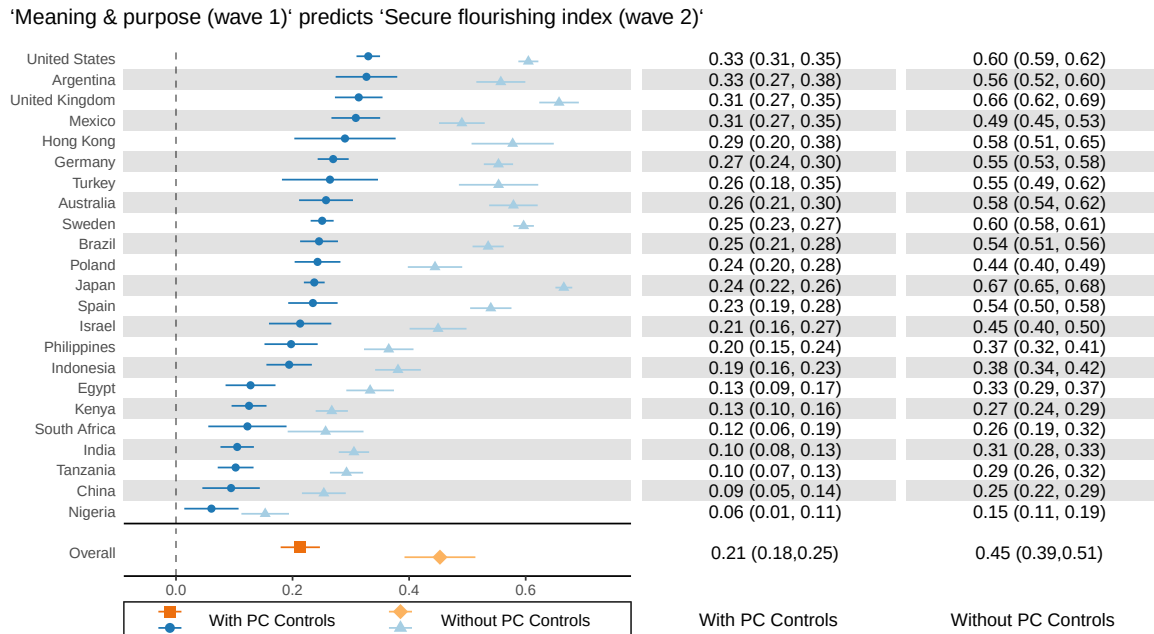
PCs Excluded; $\tau = 0.152$; Q-profile 95% CI [0.113, 0.205]; Q(df=22)=2432.72, $p < 2e-16$; $I^2 = 99.01$
PCs Included; $\tau = 0.082$; Q-profile 95% CI [0.060, 0.113]; Q(df=22)=450.20, $p < 2e-16$; $I^2 = 95.48$

Figure S4. *Heterogeneity in the effects of Physical & mental health (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



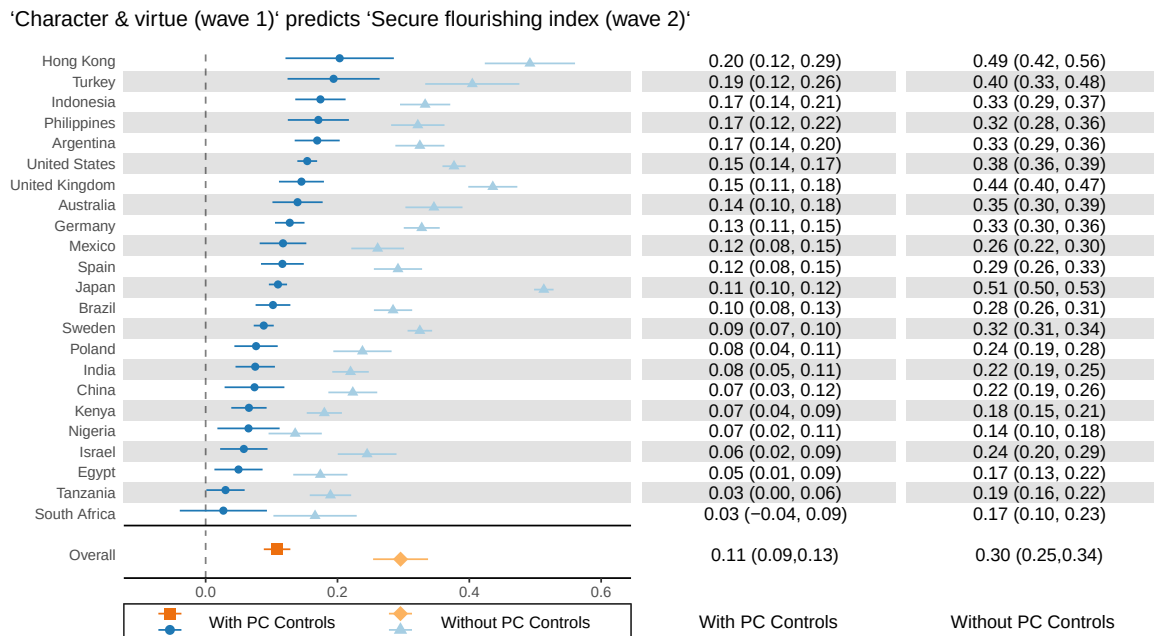
PCs Excluded; $\tau^2=0.143$; Q-profile 95% CI [0.107, 0.194]; Q(df=22)=1904.62, $p<2e-16$; $I^2=98.84$
PCs Included; $\tau^2=0.071$; Q-profile 95% CI [0.051, 0.098]; Q(df=22)=315.90, $p<2e-16$; $I^2=94.02$

Figure S5. *Heterogeneity in the effects of Meaning & purpose (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



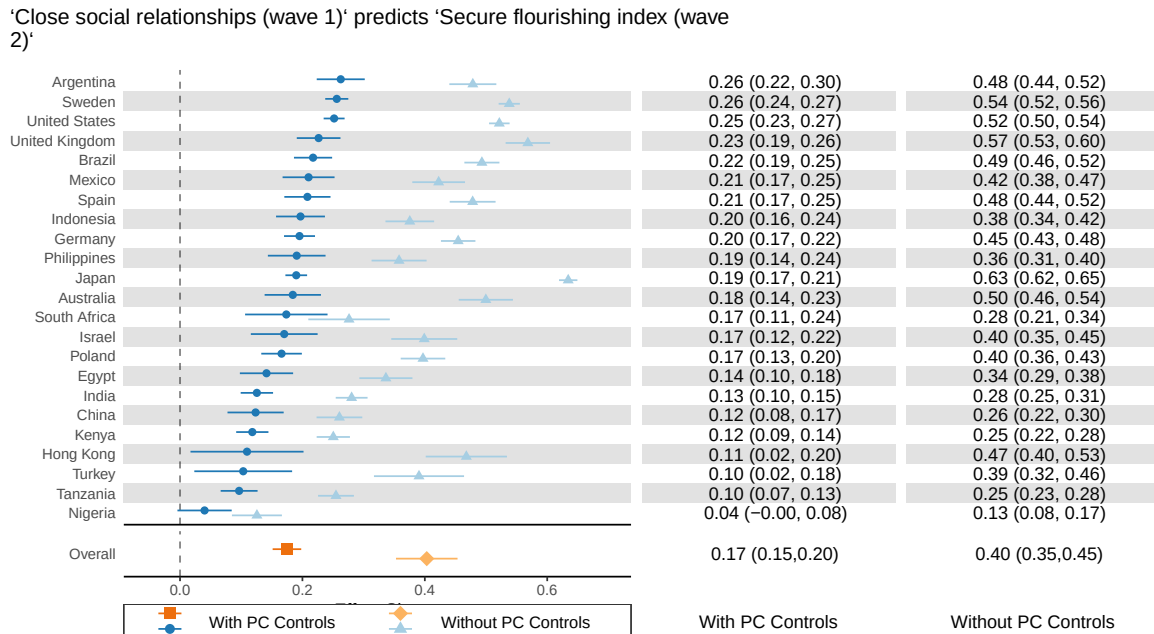
PCs Excluded; $\tau^2=0.147$; Q-profile 95% CI [0.110, 0.200]; Q(df=22)=2232.06, $p<2e-16$; $I^2=98.93$
PCs Included; $\tau^2=0.079$; Q-profile 95% CI [0.058, 0.109]; Q(df=22)=458.70, $p<2e-16$; $I^2=95.43$

Figure S6. *Heterogeneity in the effects of Character & virtue (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.100$; Q-profile 95% CI [0.074, 0.136]; Q(df=22)=1194.14, $p<2e-16$; $I^2=97.59$
PCs Included; $\tau^2=0.045$; Q-profile 95% CI [0.029, 0.062]; Q(df=22)=170.35, $p<2e-16$; $I^2=90.89$

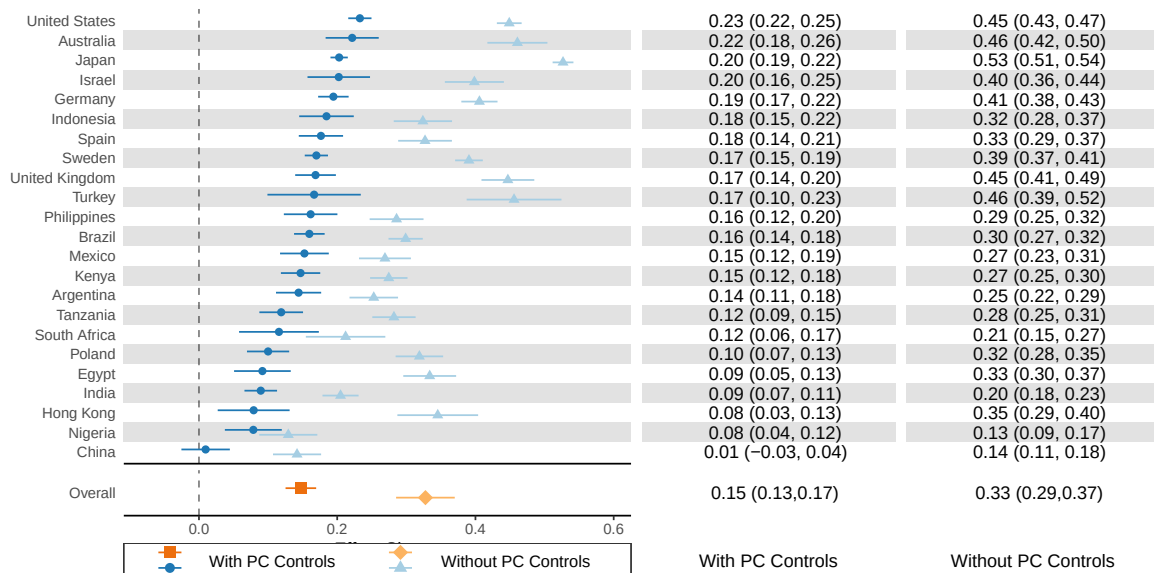
Figure S7. *Heterogeneity in the effects of Close social relationships (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.121$; Q-profile 95% CI [0.091, 0.165]; Q(df=22)=1788.02, $p<2e-16$; $I^2=98.38$
PCs Included; $\tau^2=0.053$; Q-profile 95% CI [0.038, 0.074]; Q(df=22)=276.26, $p<2e-16$; $I^2=91.43$

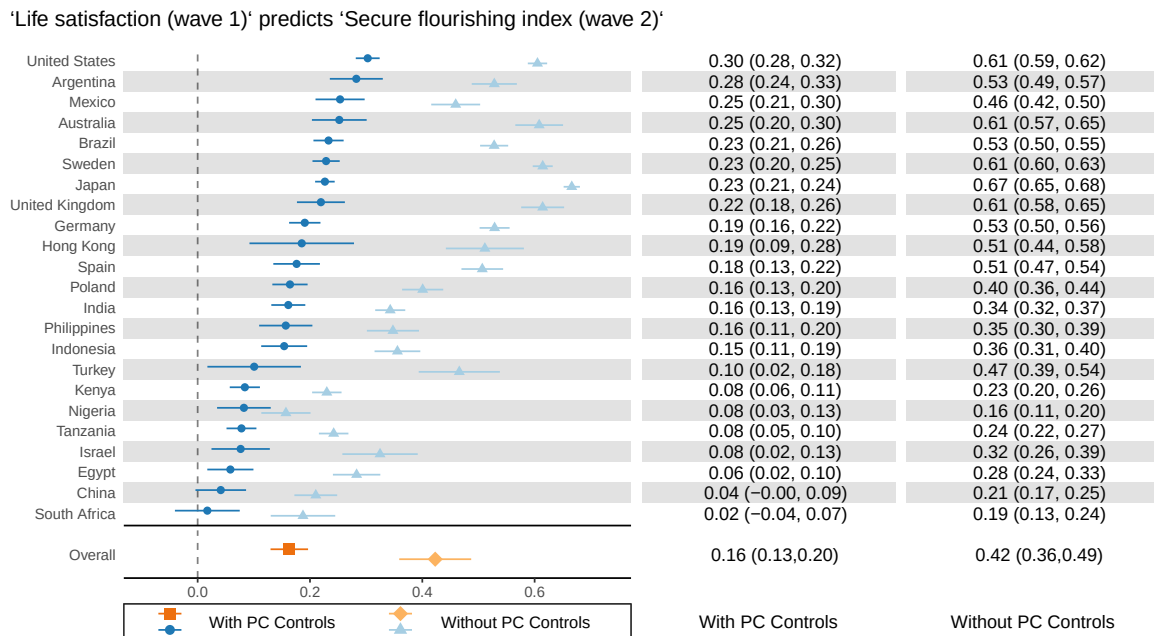
Figure S8. *Heterogeneity in the effects of Financial & material security (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Financial & material security (wave 1)' predicts 'Secure flourishing index (wave 2)'



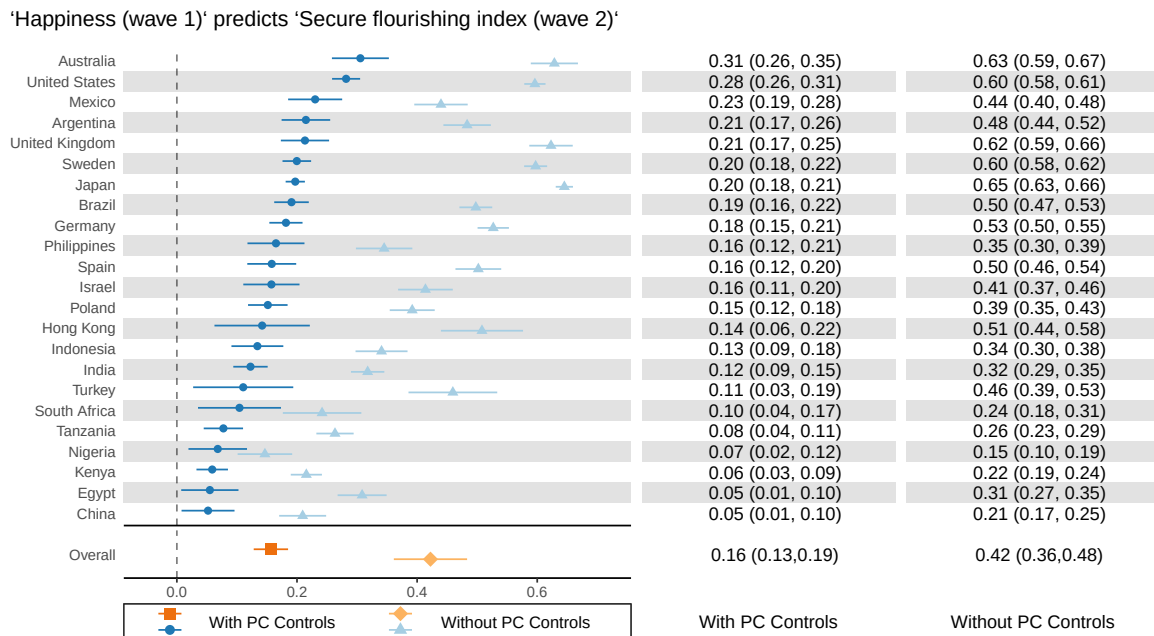
PCs Excluded; $\tau = 0.102$; Q-profile 95% CI [0.076, 0.139]; Q(df=22)=1238.47, $p < 2e-16$; $I^2 = 97.75$
PCs Included; $\tau = 0.051$; Q-profile 95% CI [0.037, 0.071]; Q(df=22)=304.60, $p < 2e-16$; $I^2 = 93.04$

Figure S9. *Heterogeneity in the effects of Life satisfaction (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



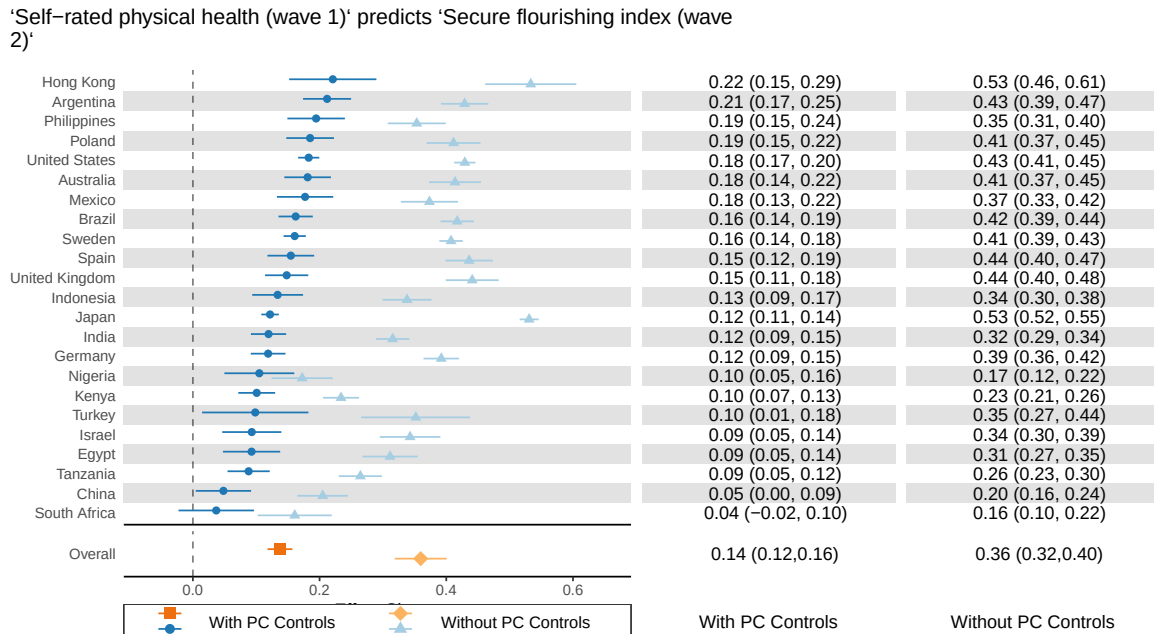
PCs Excluded; $\tau^2=0.155$; Q-profile 95% CI [0.116, 0.210]; Q(df=22)=2615.78, $p<2e-16$; $I^2=99.02$
PCs Included; $\tau^2=0.079$; Q-profile 95% CI [0.057, 0.108]; Q(df=22)=472.83, $p<2e-16$; $I^2=95.45$

Figure S10. *Heterogeneity in the effects of Happiness (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



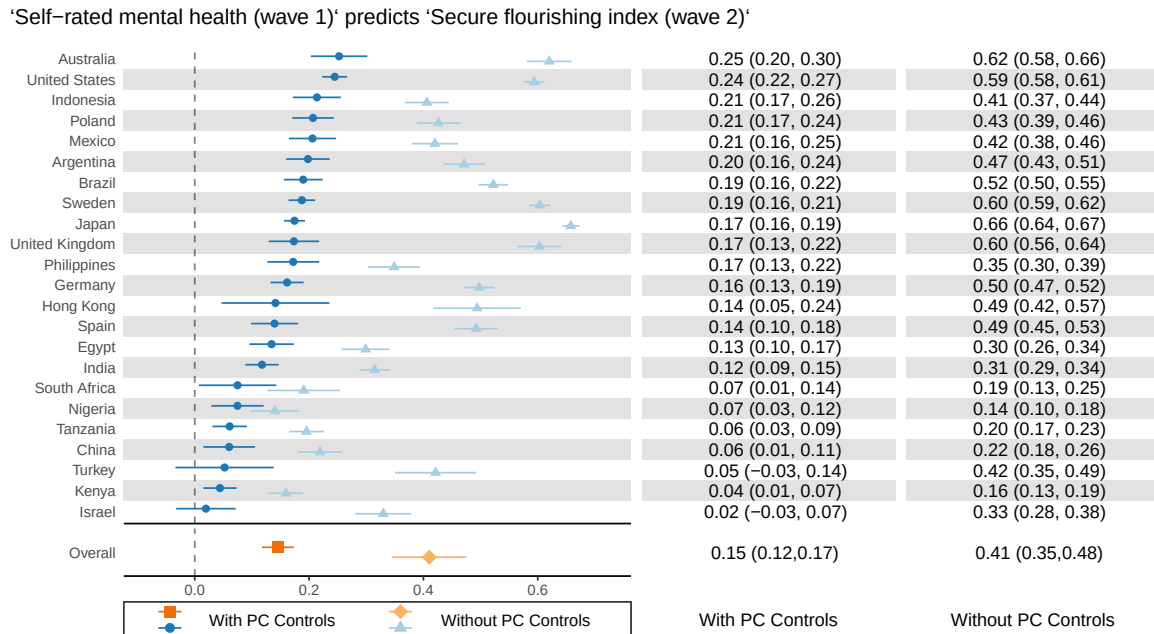
PCs Excluded; $\tau = 0.148$; Q-profile 95% CI [0.110, 0.200]; Q(df=22)=2282.67, $p < 2e-16$; $I^2 = 98.88$
 PCs Included; $\tau = 0.066$; Q-profile 95% CI [0.048, 0.092]; Q(df=22)=343.80, $p < 2e-16$; $I^2 = 93.64$

Figure S11. *Heterogeneity in the effects of Self-rated physical health (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



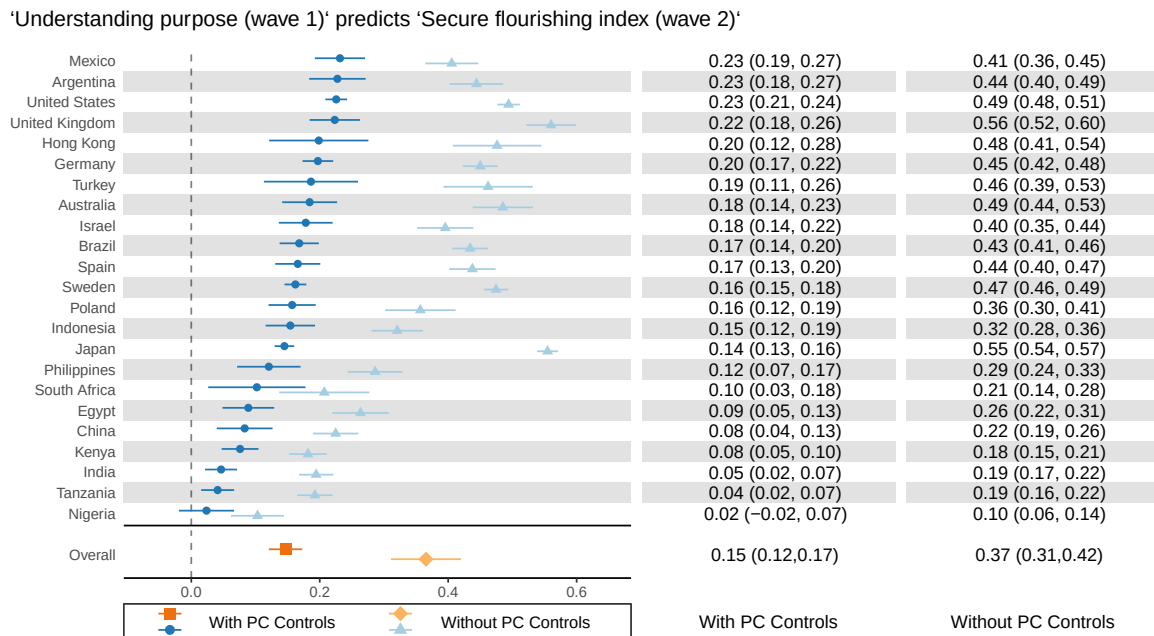
PCs Excluded; . (tau)=0.098; Q-profile 95% CI [0.072, 0.133]; Q(df=22)=844.68, p=<2e-16; I²=97.41
PCs Included; . (tau)=0.043; Q-profile 95% CI [0.027, 0.061]; Q(df=22)=138.77, p=<2e-16; I²=88.56

Figure S12. *Heterogeneity in the effects of Self-rated mental health (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



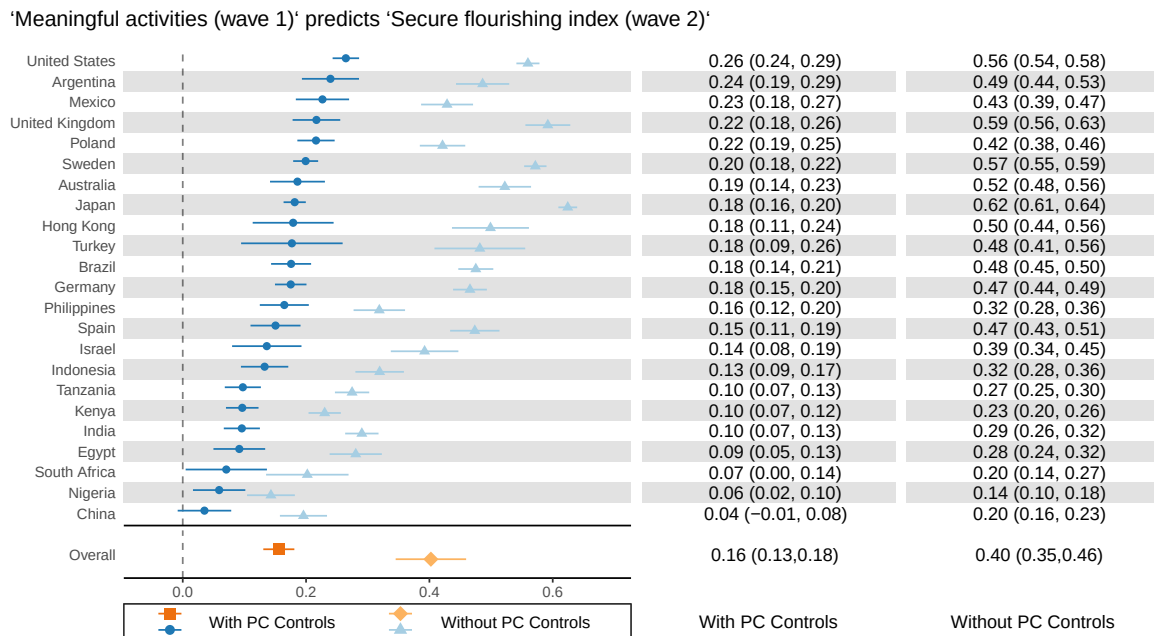
PCs Excluded; $\tau = 0.157$; Q-profile 95% CI [0.117, 0.213]; Q(df=22)=2561.51, $p < 2e-16$; $I^2 = 99.01$
PCs Included; $\tau = 0.064$; Q-profile 95% CI [0.046, 0.089]; Q(df=22)=291.46, $p < 2e-16$; $I^2 = 92.95$

Figure S13. *Heterogeneity in the effects of Understanding purpose (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.132$; Q-profile 95% CI [0.098, 0.178]; Q(df=22)=1700.45, $p<2e-16$; $I^2=98.53$
PCs Included; $\tau^2=0.060$; Q-profile 95% CI [0.044, 0.084]; Q(df=22)=362.46, $p<2e-16$; $I^2=93.83$

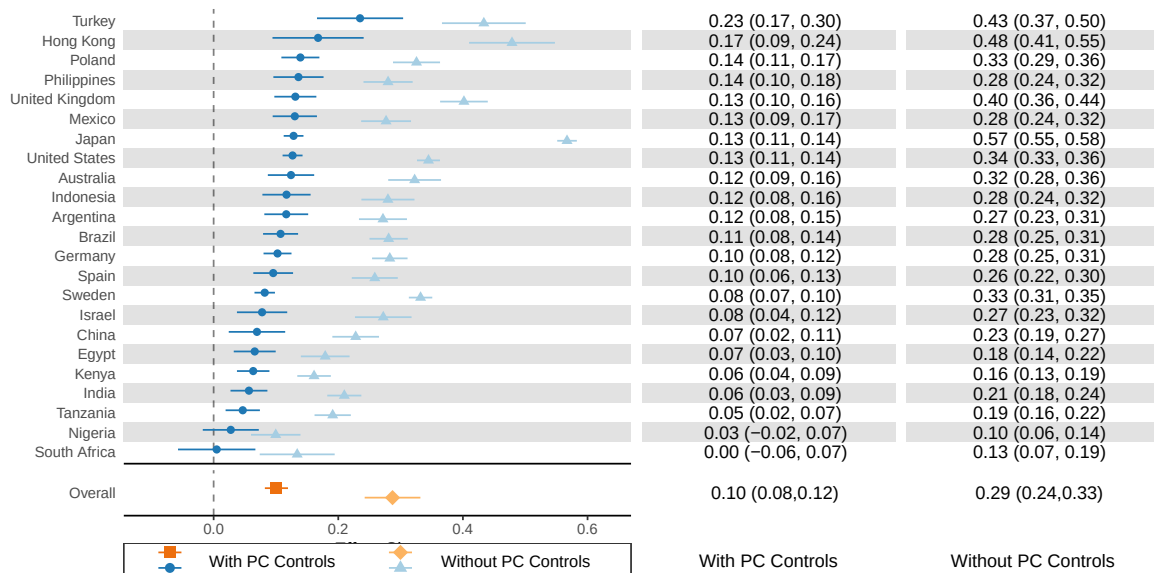
Figure S14. Heterogeneity in the effects of Meaningful activities (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.138$; Q-profile 95% CI [0.103, 0.187]; Q(df=22)=2062.94, $p<2e-16$; $I^2=98.71$
PCs Included; $\tau^2=0.058$; Q-profile 95% CI [0.042, 0.081]; Q(df=22)=285.15, $p<2e-16$; $I^2=92.25$

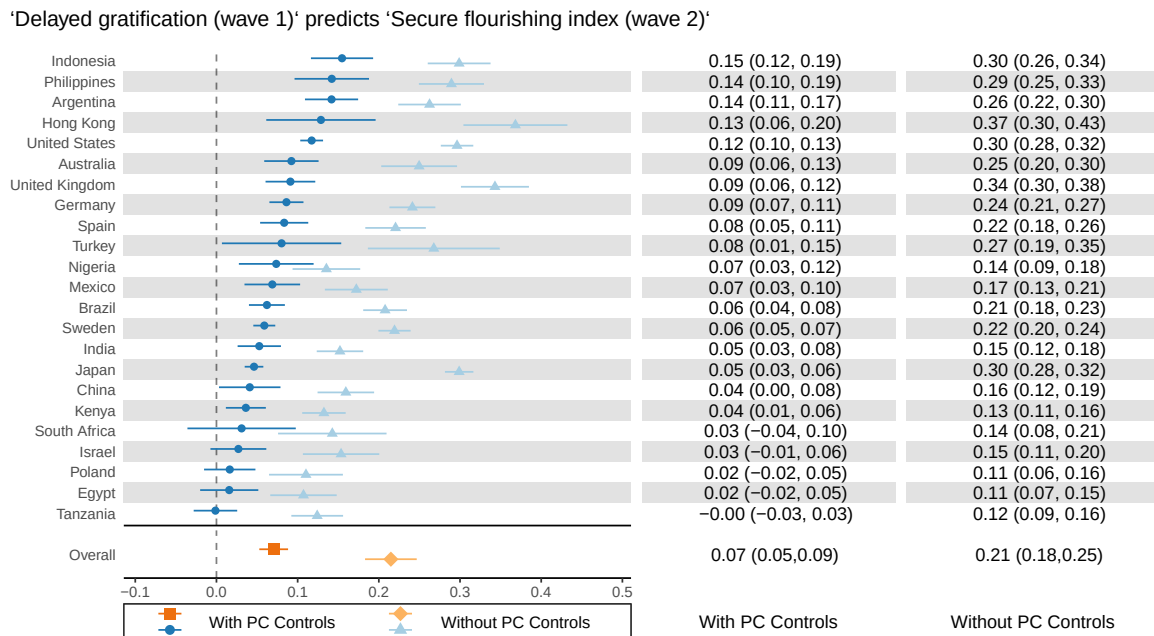
Figure S15. *Heterogeneity in the effects of Orientation to promote good (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Orientation to promote good (wave 1)' predicts 'Secure flourishing index (wave 2)'



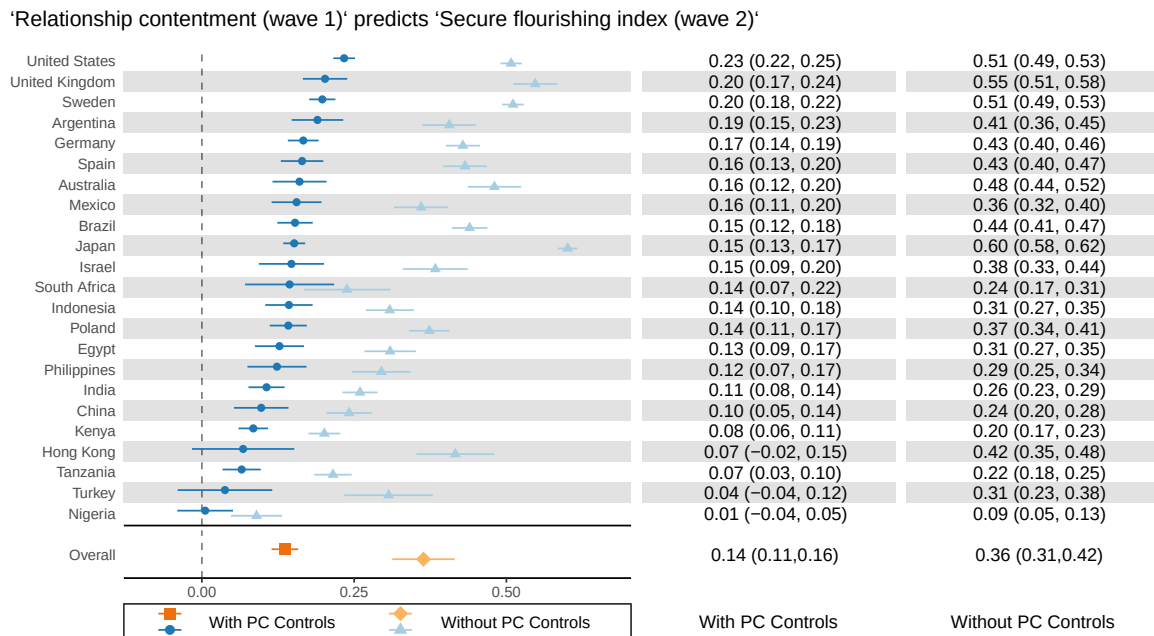
PCs Excluded; $\tau^2=0.107$; Q-profile 95% CI [0.079, 0.146]; Q(df=22)=1553.82, $p<2e-16$; $I^2=97.85$
PCs Included; $\tau^2=0.041$; Q-profile 95% CI [0.022, 0.055]; Q(df=22)=120.89, $p=1.2e-15$; $I^2=88.76$

Figure S16. Heterogeneity in the effects of Delayed gratification (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; . (tau)=0.075; Q-profile 95% CI [0.054, 0.103]; Q(df=22)=420.21, p=<2e-16; I²=95.36
PCs Included; . (tau)=0.039; Q-profile 95% CI [0.027, 0.056]; Q(df=22)=184.97, p=<2e-16; I²=90.18

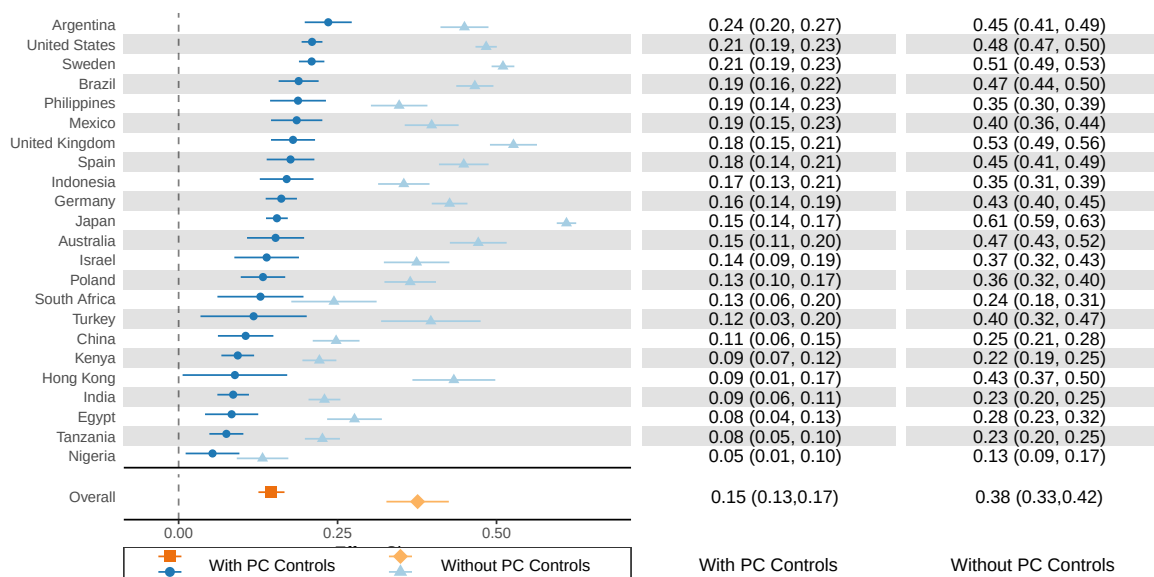
Figure S17. *Heterogeneity in the effects of Relationship contentment (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.124$; Q-profile 95% CI [0.093, 0.168]; Q(df=22)=1766.12, $p<2e-16$; $I^2=98.36$
PCs Included; $\tau^2=0.049$; Q-profile 95% CI [0.034, 0.069]; Q(df=22)=240.55, $p<2e-16$; $I^2=90.05$

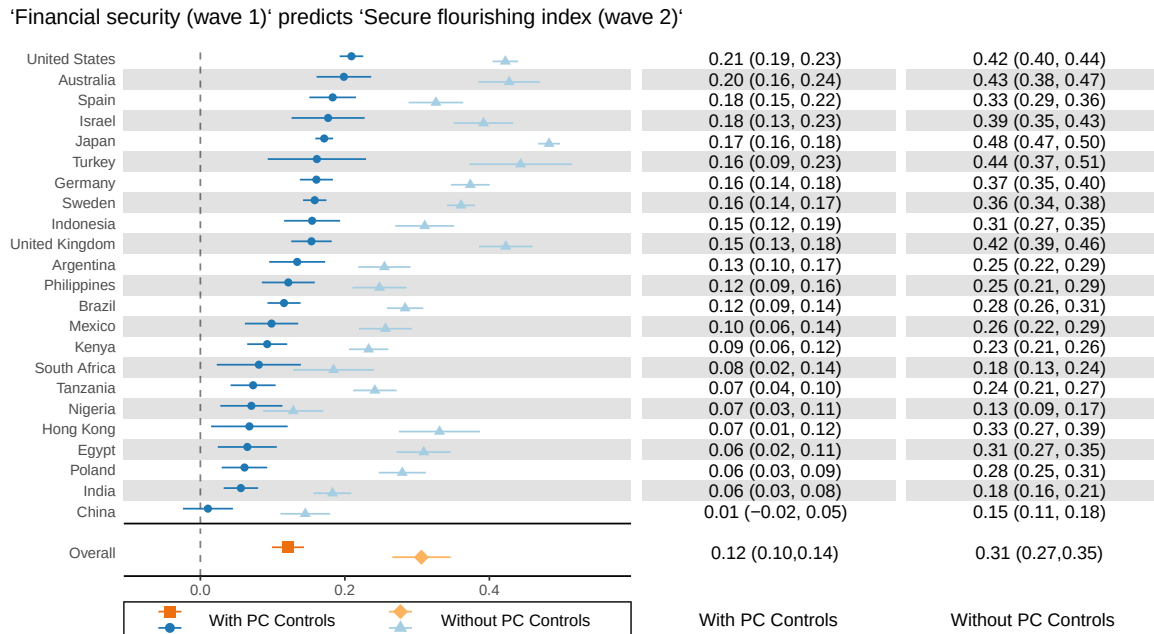
Figure S18. *Heterogeneity in the effects of Relationship satisfaction (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Relationship satisfaction (wave 1)' predicts 'Secure flourishing index (wave 2)'



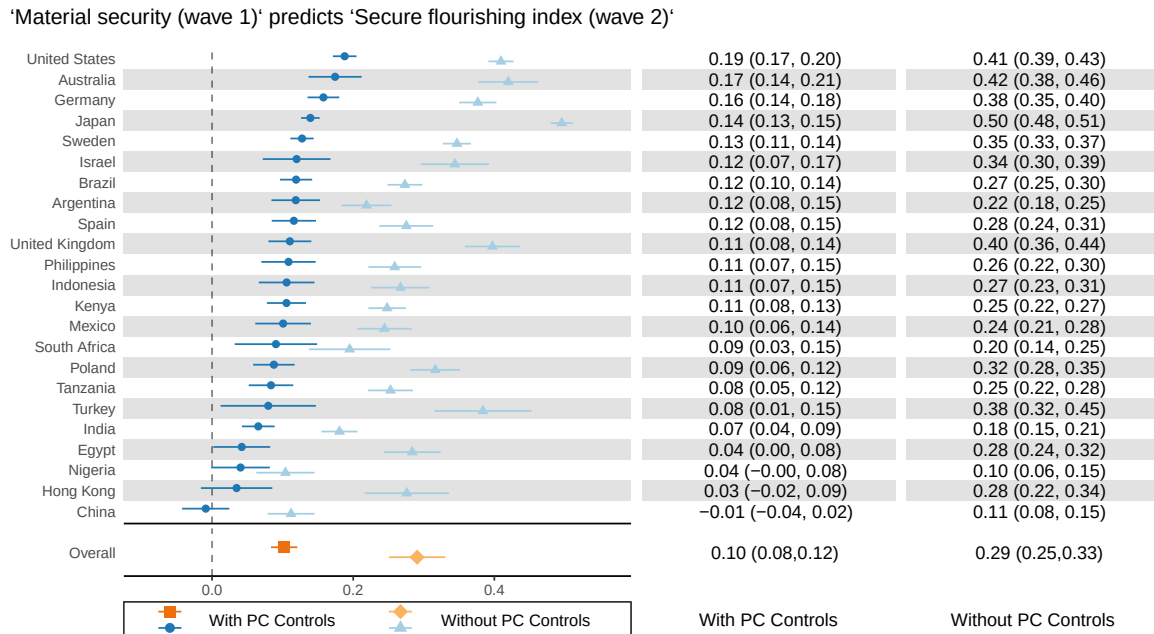
PCs Excluded; $\tau^2=0.118$; Q-profile 95% CI [0.088, 0.161]; Q(df=22)=1805.86, $p<2e-16$; $I^2=98.28$
PCs Included; $\tau^2=0.046$; Q-profile 95% CI [0.033, 0.065]; Q(df=22)=234.17, $p<2e-16$; $I^2=89.32$

Figure S19. *Heterogeneity in the effects of Financial security (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



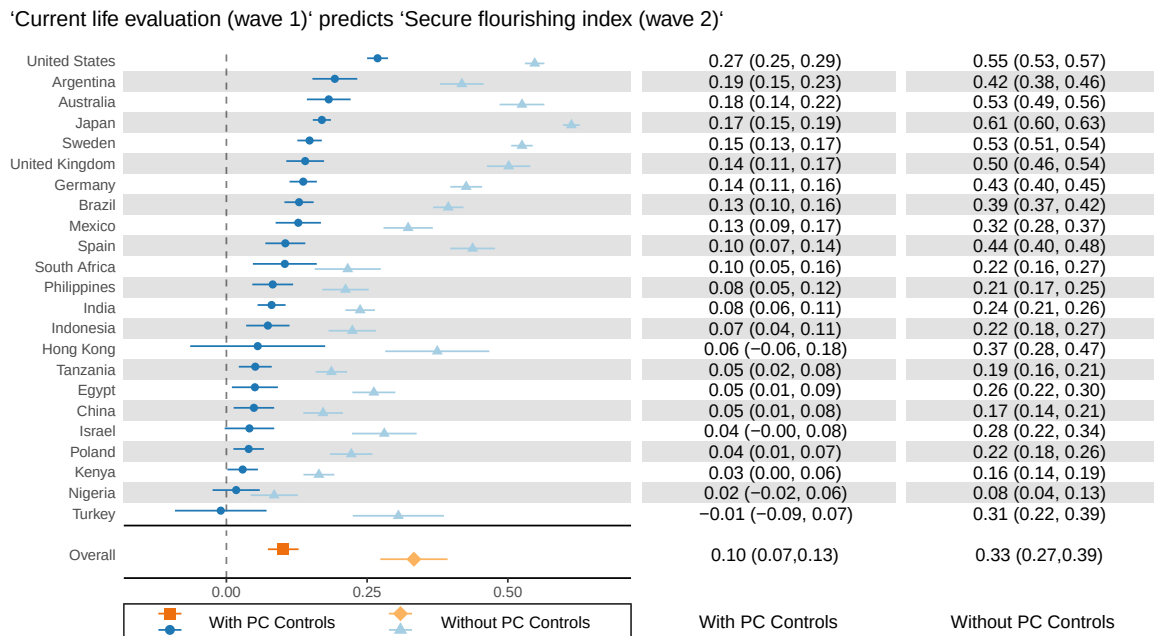
PCs Excluded; $\tau^2=0.097$; Q-profile 95% CI [0.072, 0.131]; Q(df=22)=1080.47, $p<2e-16$; $I^2=97.57$
PCs Included; $\tau^2=0.051$; Q-profile 95% CI [0.037, 0.071]; Q(df=22)=322.81, $p<2e-16$; $I^2=93.07$

Figure S20. *Heterogeneity in the effects of Material security (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



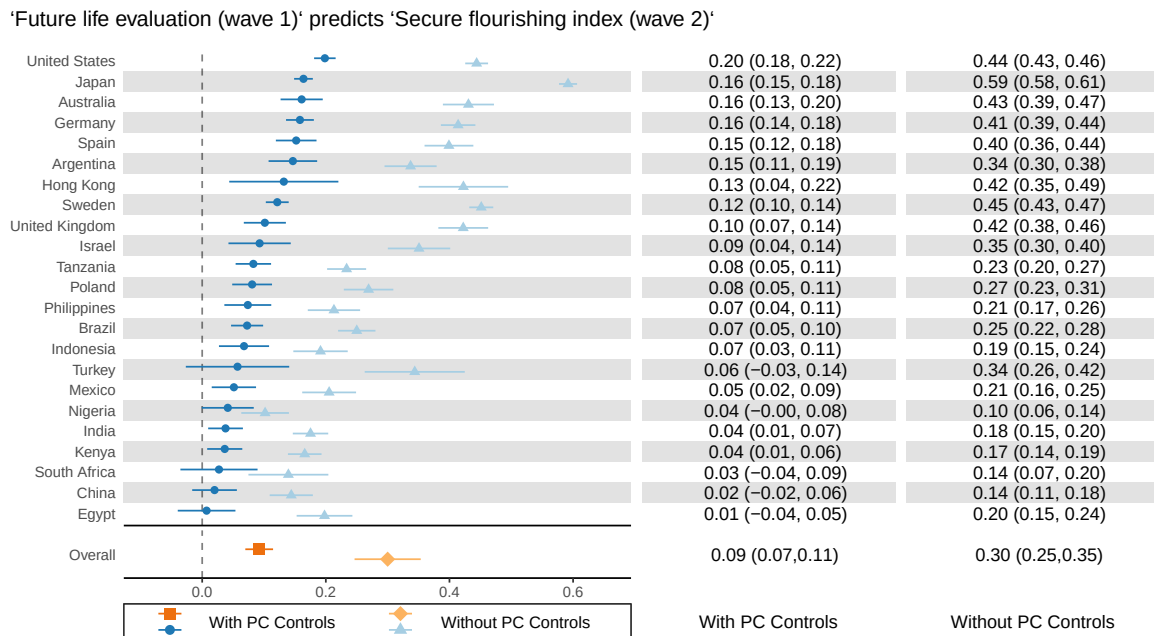
PCs Excluded; $\tau^2=0.096$; Q-profile 95% CI [0.071, 0.130]; Q(df=22)=1170.43, $p<2e-16$; $I^2=97.43$
PCs Included; $\tau^2=0.042$; Q-profile 95% CI [0.030, 0.060]; Q(df=22)=225.51, $p<2e-16$; $I^2=89.89$

Figure S21. Heterogeneity in the effects of Current life evaluation (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



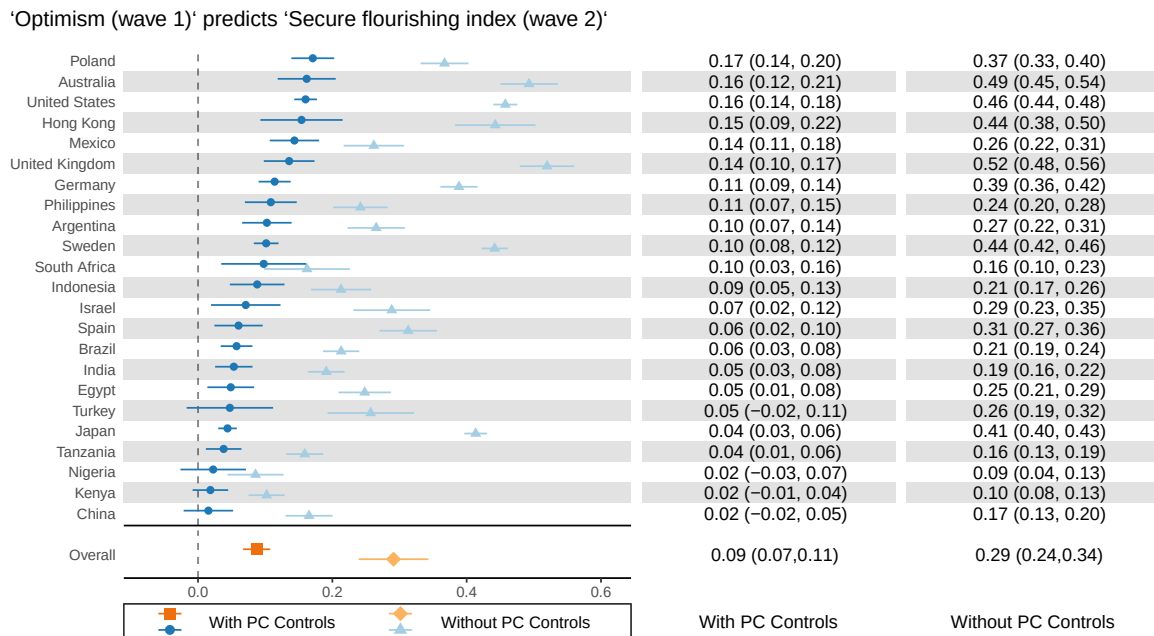
PCs Excluded; $\tau^2=0.145$; Q-profile 95% CI [0.109, 0.197]; Q(df=22)=2683.79, $p<2e-16$; $I^2=98.83$
PCs Included; $\tau^2=0.063$; Q-profile 95% CI [0.046, 0.088]; Q(df=22)=503.76, $p<2e-16$; $I^2=94.38$

Figure S22. Heterogeneity in the effects of Future life evaluation (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



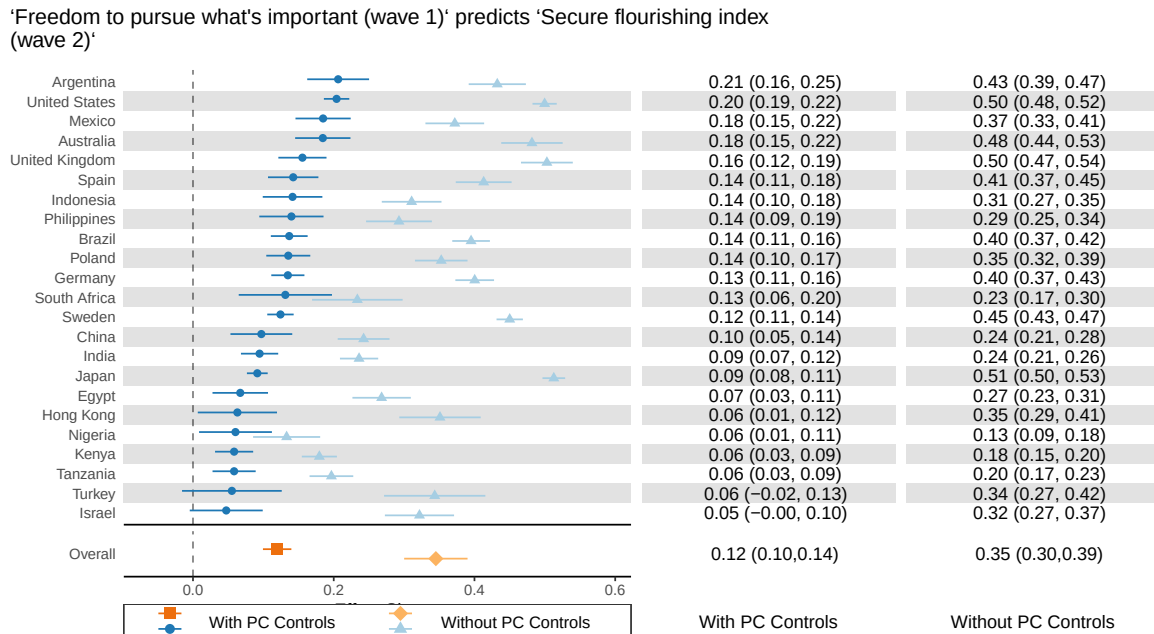
PCs Excluded; $\tau^2=0.129$; Q-profile 95% CI [0.097, 0.175]; Q(df=22)=2226.36, $p<2e-16$; $I^2=98.45$
PCs Included; $\tau^2=0.051$; Q-profile 95% CI [0.038, 0.072]; Q(df=22)=328.69, $p<2e-16$; $I^2=91.91$

Figure S23. Heterogeneity in the effects of Optimism (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



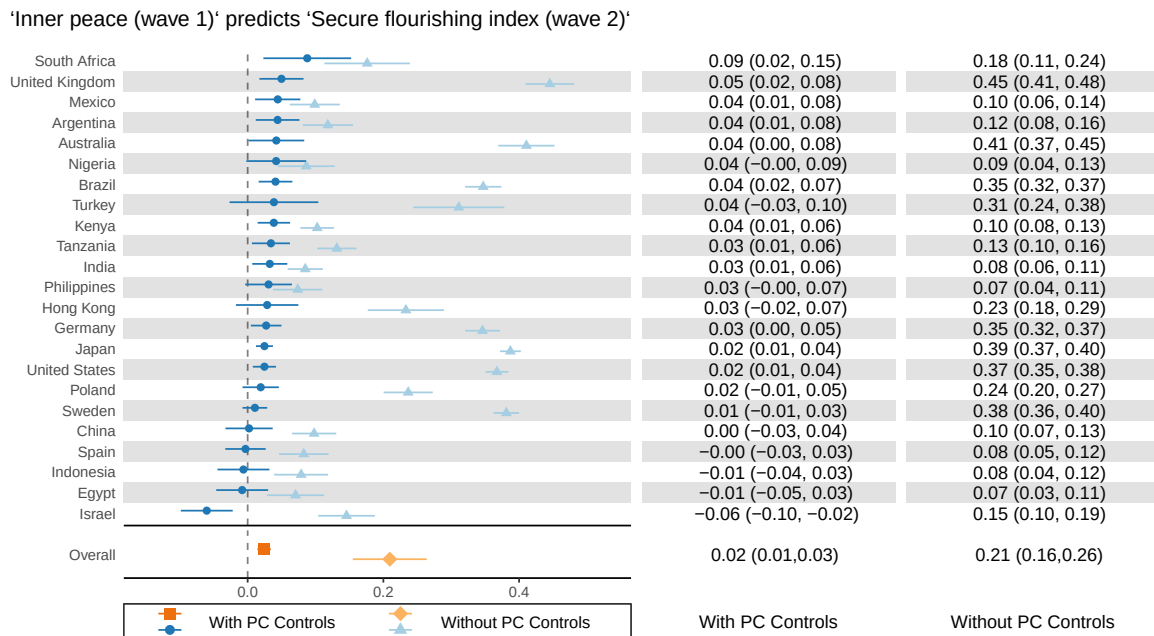
PCs Excluded; $\tau = 0.125$; Q-profile 95% CI [0.093, 0.170]; Q(df=22)=1515.54, $p < 2e-16$; $I^2 = 98.37$
PCs Included; $\tau = 0.046$; Q-profile 95% CI [0.033, 0.064]; Q(df=22)=257.43, $p < 2e-16$; $I^2 = 90.47$

Figure S24. Heterogeneity in the effects of Freedom to pursue what's important (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



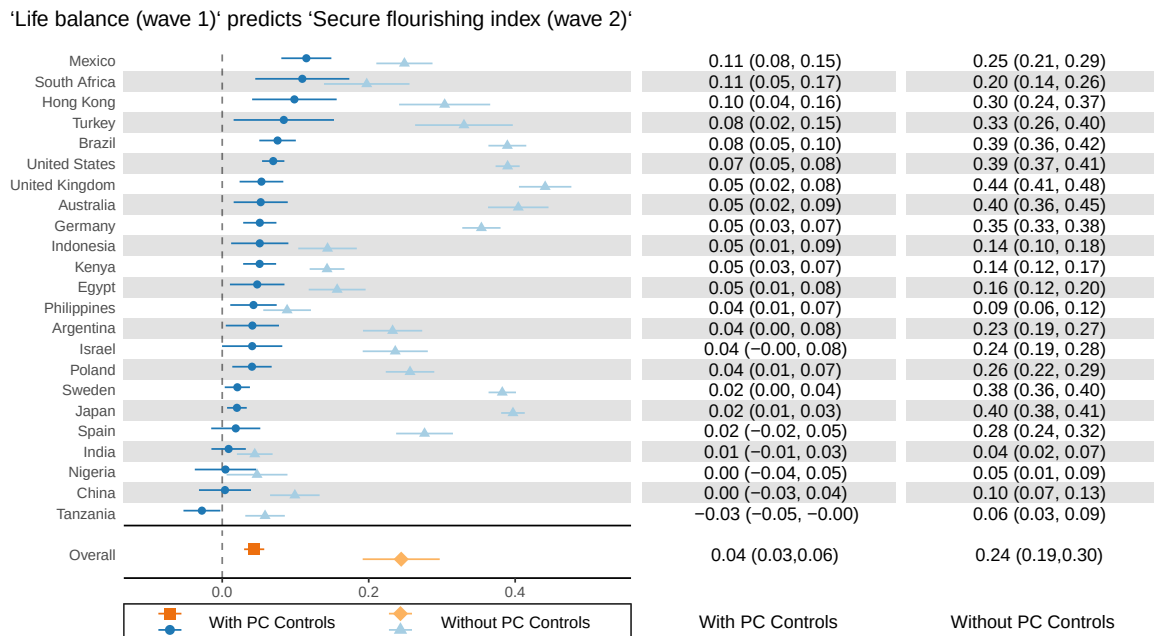
PCs Excluded; $\tau = 0.108$; Q-profile 95% CI [0.081, 0.147]; $Q(df=22)=1301.97$, $p < 2e-16$; $I^2=97.89$
PCs Included; $\tau = 0.045$; Q-profile 95% CI [0.031, 0.063]; $Q(df=22)=211.13$, $p < 2e-16$; $I^2=89.48$

Figure S25. *Heterogeneity in the effects of Inner peace (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



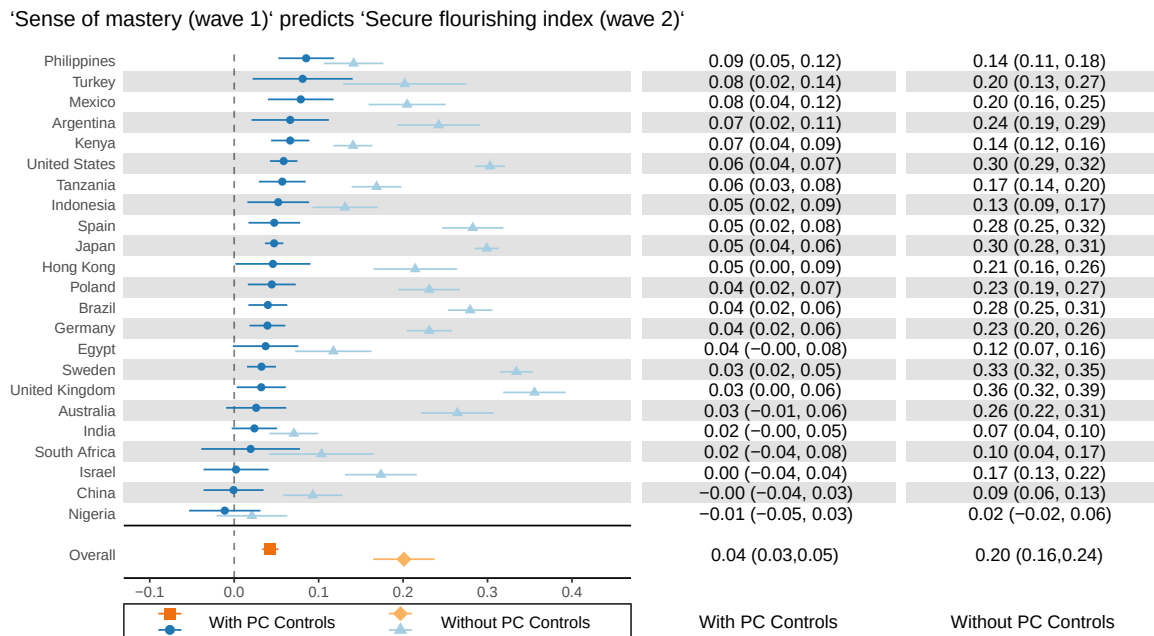
PCs Excluded; $\tau^2=0.132$; Q-profile 95% CI [0.099, 0.179]; Q(df=22)=1912.97, $p<2e-16$; $I^2=98.70$
PCs Included; $\tau^2=0.018$; Q-profile 95% CI [0.000, 0.028]; Q(df=22)=46.23, $p=1.85e-03$; $I^2=63.65$

Figure S26. Heterogeneity in the effects of Life balance (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



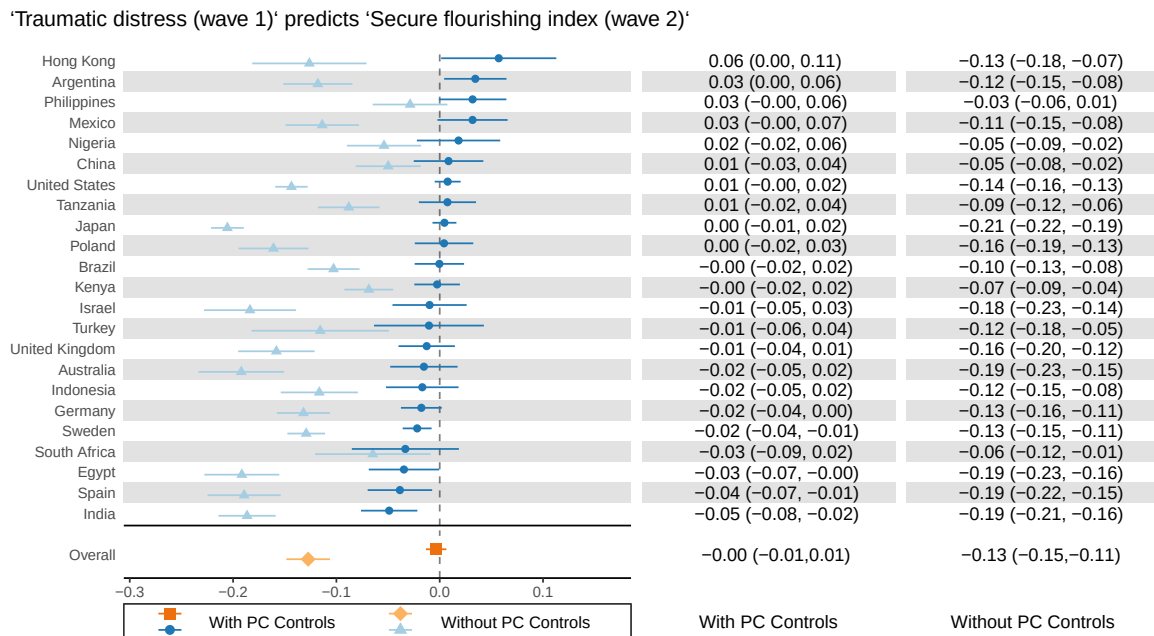
PCs Excluded; $\tau^2=0.127$; Q-profile 95% CI [0.095, 0.173]; Q(df=22)=1921.29, $p<2e-16$; $I^2=98.63$
PCs Included; $\tau^2=0.029$; Q-profile 95% CI [0.018, 0.042]; Q(df=22)=111.66, $p=5.56e-14$; $I^2=81.75$

Figure S27. *Heterogeneity in the effects of Sense of mastery (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



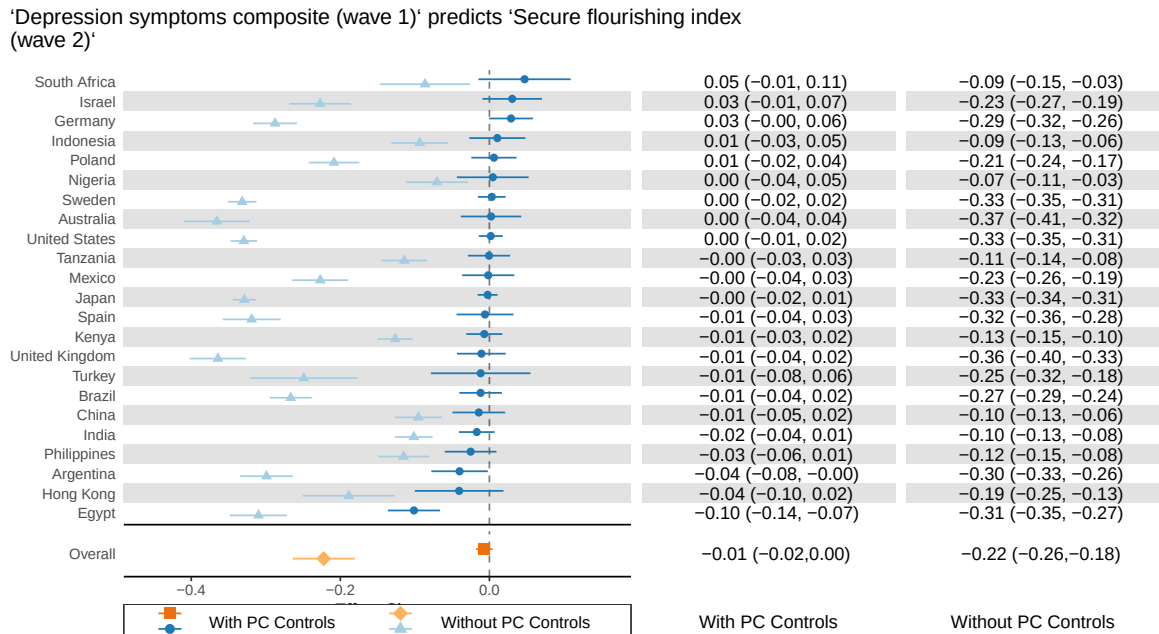
PCs Excluded; $\tau^2 = 0.087$; Q-profile 95% CI [0.065, 0.119]; Q(df=22)=781.33, $p < 2e-16$; $I^2 = 96.96$
PCs Included; $\tau^2 = 0.017$; Q-profile 95% CI [0.000, 0.025]; Q(df=22)=43.91, $p = 3.64e-03$; $I^2 = 61.84$

Figure S28. Heterogeneity in the effects of Traumatic distress (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



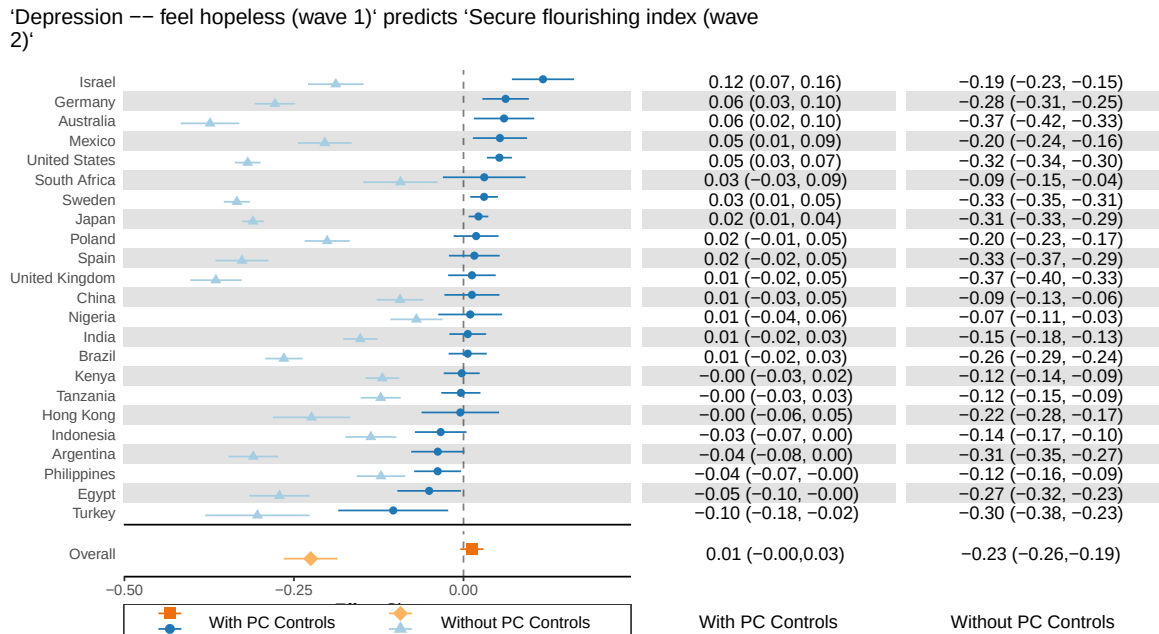
PCs Excluded; $\tau^2 = 0.048$; Q-profile 95% CI [0.035, 0.067]; Q(df=22)=263.19, $p < 2e-16$; $I^2 = 91.53$
PCs Included; $\tau^2 = 0.019$; Q-profile 95% CI [0.011, 0.028]; Q(df=22)=57.47, $p = 5.25e-05$; $I^2 = 69.60$

Figure S29. *Heterogeneity in the effects of Depression symptoms composite (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



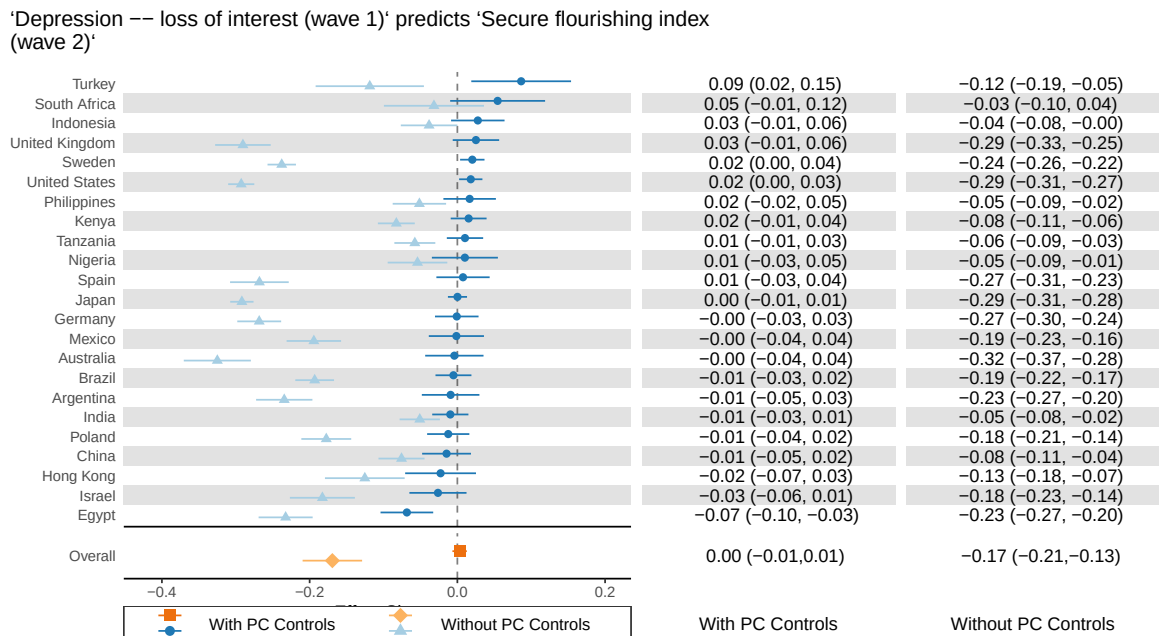
PCs Excluded; $\tau^2 = 0.100$; Q-profile 95% CI [0.074, 0.136]; $Q(df=22)=986.77$, $p < 2e-16$; $I^2=97.70$
PCs Included; $\tau^2 = 0.021$; Q-profile 95% CI [0.008, 0.031]; $Q(df=22)=50.97$, $p=4.33e-04$; $I^2=67.06$

Figure S30. *Heterogeneity in the effects of Depression – feel hopeless (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2 = 0.095$; Q-profile 95% CI [0.070, 0.129]; Q(df=22)=812.88, $p < 2e-16$; $I^2 = 97.37$
 PCs Included; $\tau^2 = 0.037$; Q-profile 95% CI [0.020, 0.052]; Q(df=22)=95.82, $p = 3.43e-11$; $I^2 = 84.68$

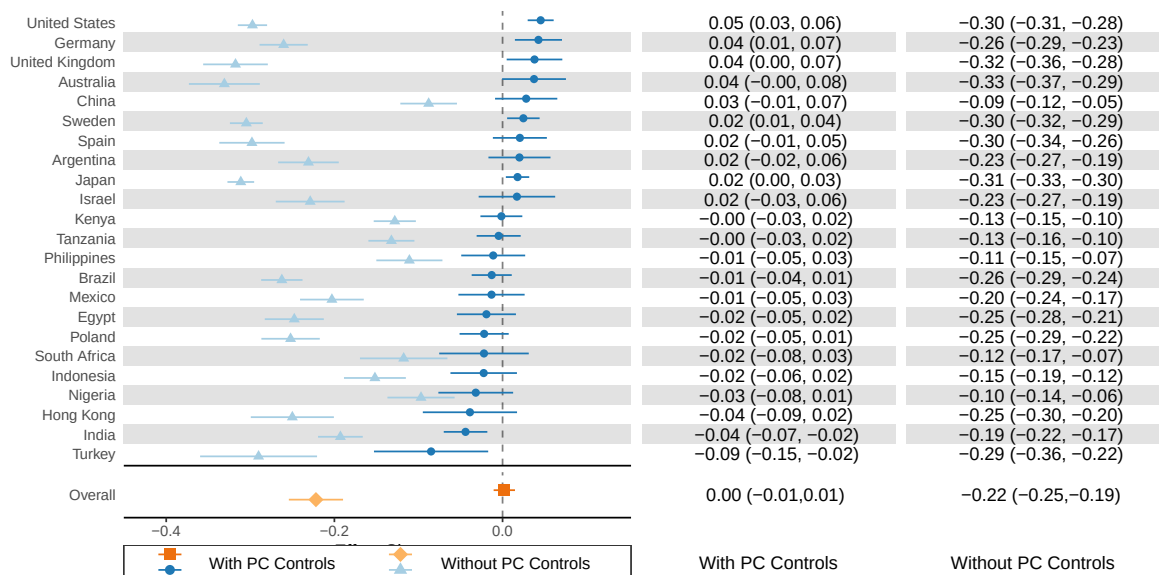
Figure S31. *Heterogeneity in the effects of Depression – loss of interest (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.097$; Q-profile 95% CI [0.072, 0.131]; Q(df=22)=927.16, $p<2e-16$; $I^2=97.52$
PCs Included; $\tau^2=0.017$; Q-profile 95% CI [0.000, 0.026]; Q(df=22)=44.95, $p=2.69e-03$; $I^2=60.78$

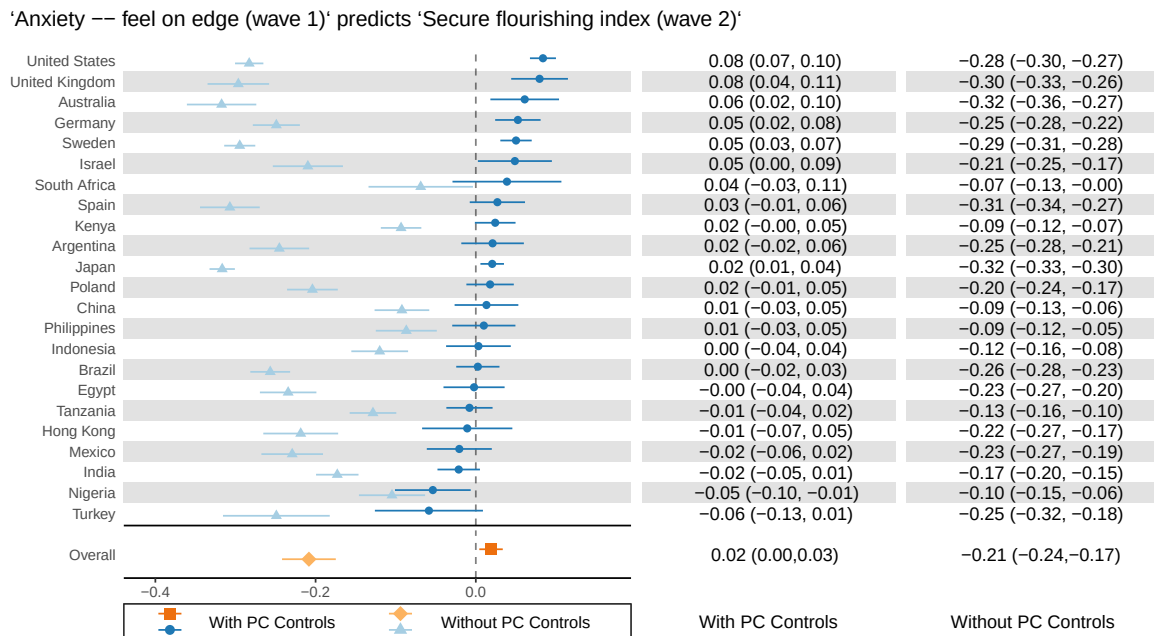
Figure S32. *Heterogeneity in the effects of Anxiety symptoms composite (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Anxiety symptoms composite (wave 1)' predicts 'Secure flourishing index (wave 2)'



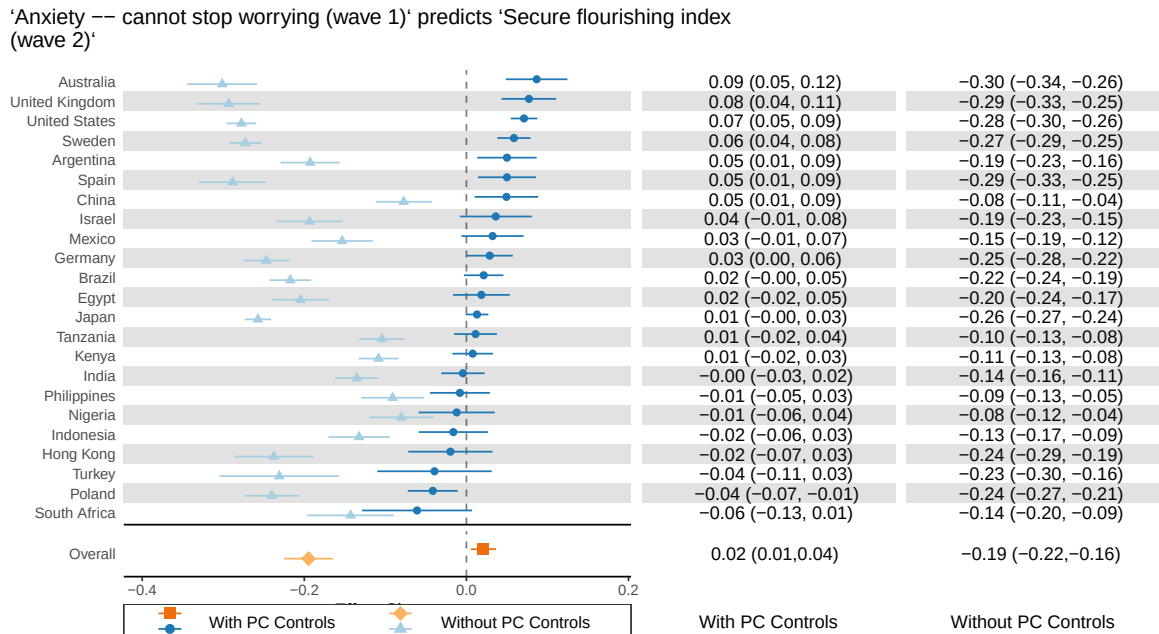
PCs Excluded; $\tau^2=0.077$; Q-profile 95% CI [0.056, 0.105]; Q(df=22)=578.72, $p<2e-16$; $I^2=96.21$
 PCs Included; $\tau^2=0.026$; Q-profile 95% CI [0.015, 0.036]; Q(df=22)=85.63, $p=1.88e-09$; $I^2=75.87$

Figure S33. Heterogeneity in the effects of Anxiety - feel on edge (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



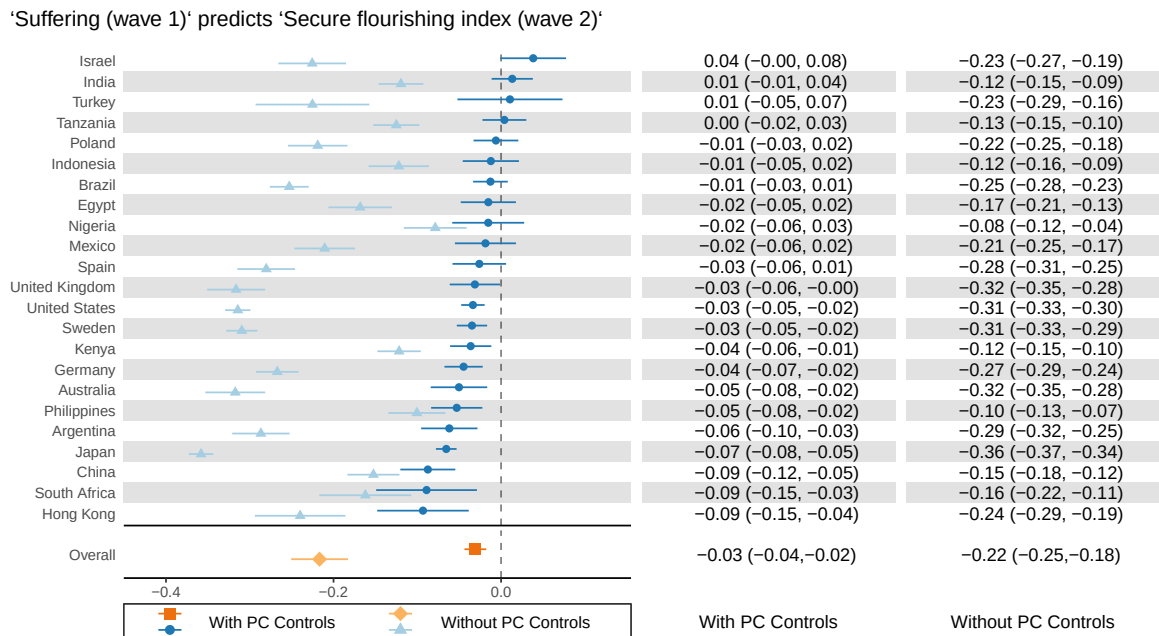
PCs Excluded; . (tau)=0.080; Q-profile 95% CI [0.059, 0.109]; Q(df=22)=639.60, p=<2e-16; I²=96.47
PCs Included; . (tau)=0.031; Q-profile 95% CI [0.019, 0.045]; Q(df=22)=120.07, p=1.69e-15; I²=80.15

Figure S34. *Heterogeneity in the effects of Anxiety – cannot stop worrying (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



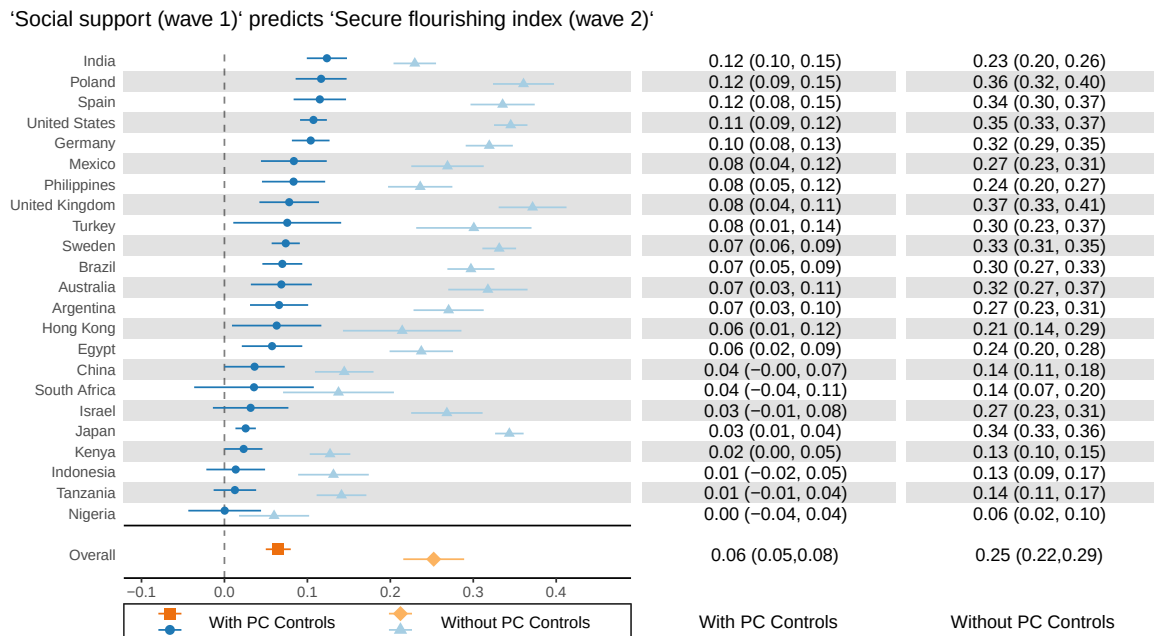
PCs Excluded; . (tau)=0.072; Q-profile 95% CI [0.053, 0.098]; Q(df=22)=503.28, p=<2e-16; I²=95.58
PCs Included; . (tau)=0.033; Q-profile 95% CI [0.021, 0.047]; Q(df=22)=115.34, p=1.22e-14; I²=83.11

Figure S35. *Heterogeneity in the effects of Suffering (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



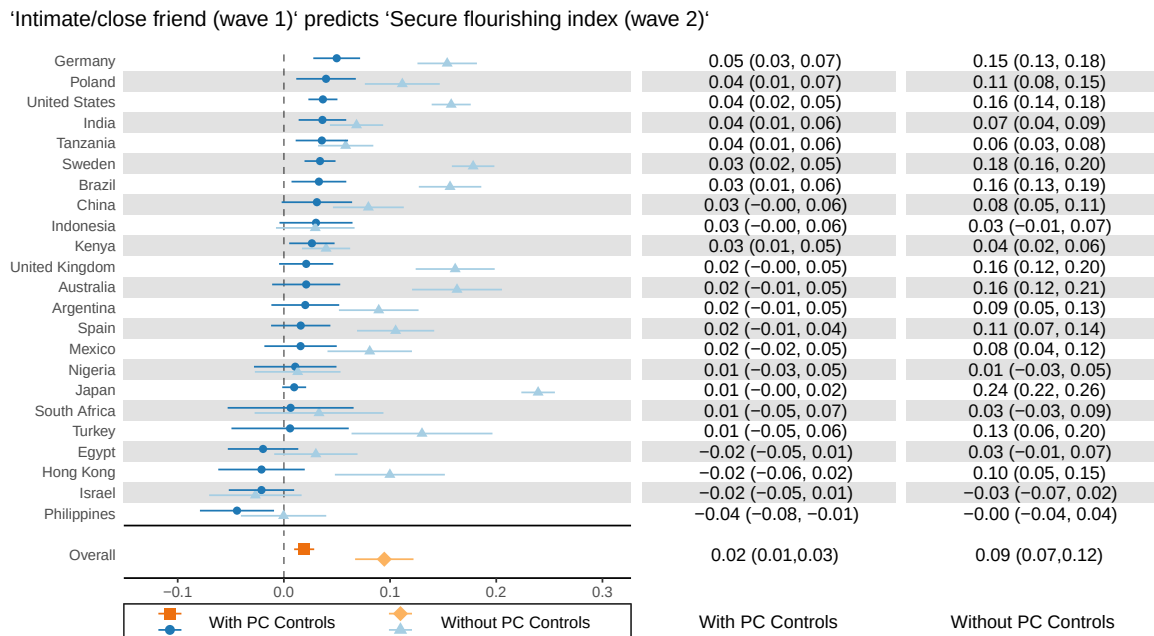
PCs Excluded; $\tau^2 = 0.081$; Q-profile 95% CI [0.061, 0.111]; Q(df=22)=897.57, $p < 2e-16$; $I^2 = 96.94$
PCs Included; $\tau^2 = 0.027$; Q-profile 95% CI [0.016, 0.038]; Q(df=22)=99.23, $p = 8.78e-12$; $I^2 = 80.98$

Figure S36. *Heterogeneity in the effects of Social support (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; . (tau)=0.087; Q-profile 95% CI [0.065, 0.119]; Q(df=22)=656.94, p=<2e-16; I²=96.62
PCs Included; . (tau)=0.032; Q-profile 95% CI [0.022, 0.047]; Q(df=22)=175.10, p=<2e-16; I²=84.45

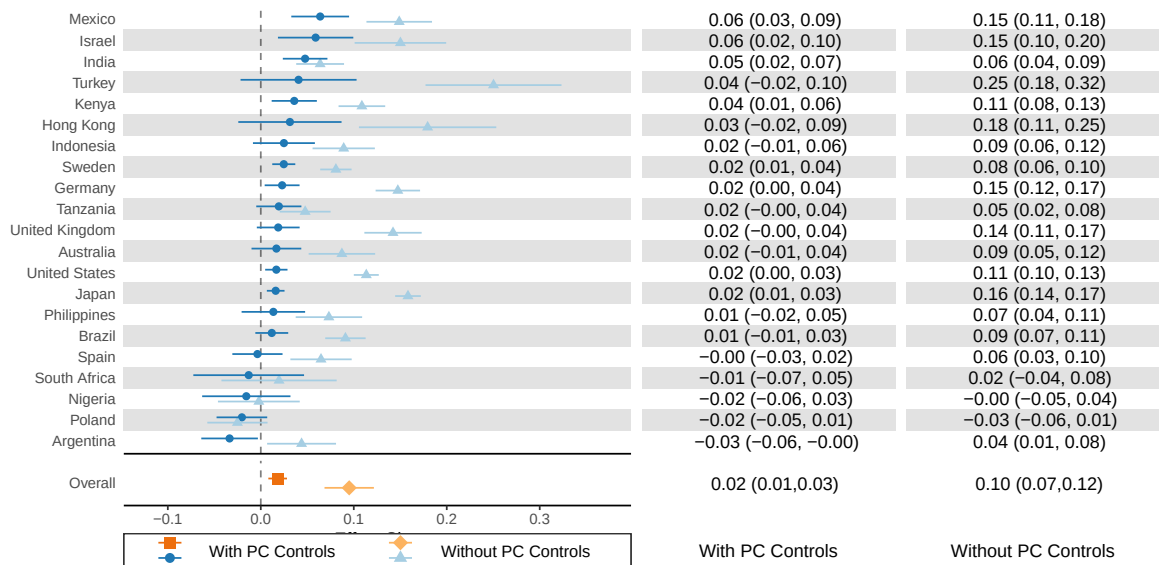
Figure S37. Heterogeneity in the effects of Intimate/close friend (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.065$; Q-profile 95% CI [0.047, 0.089]; Q(df=22)=544.44, $p<2e-16$; $I^2=94.63$
PCs Included; $\tau^2=0.018$; Q-profile 95% CI [0.010, 0.027]; Q(df=22)=56.64, $p=6.92e-05$; $I^2=67.32$

Figure S38. Heterogeneity in the effects of Government approval (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

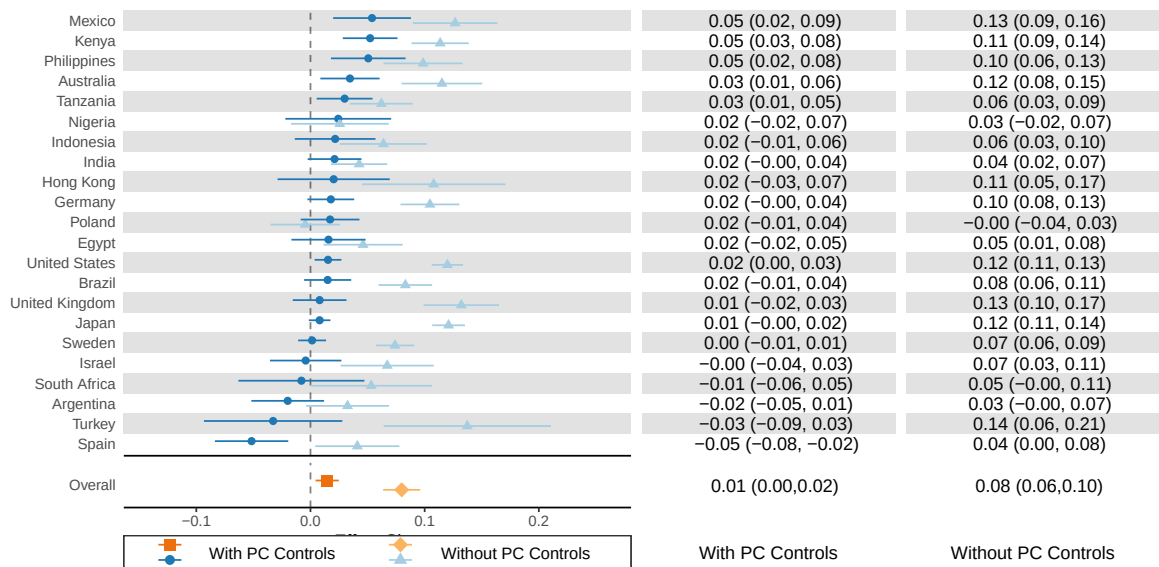
'Government approval (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; $\tau^2=0.059$; Q-profile 95% CI [0.039, 0.081]; Q(df=20)=255.14, $p<2e-16$; $I^2=94.99$;
 Excluded countries: Egypt, China
 PCs Included; $\tau^2=0.018$; Q-profile 95% CI [0.000, 0.027]; Q(df=20)=47.72, $p=4.66e-04$; $I^2=73.23$;
 Excluded countries: Egypt, China

Figure S39. Heterogeneity in the effects of Say in government (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

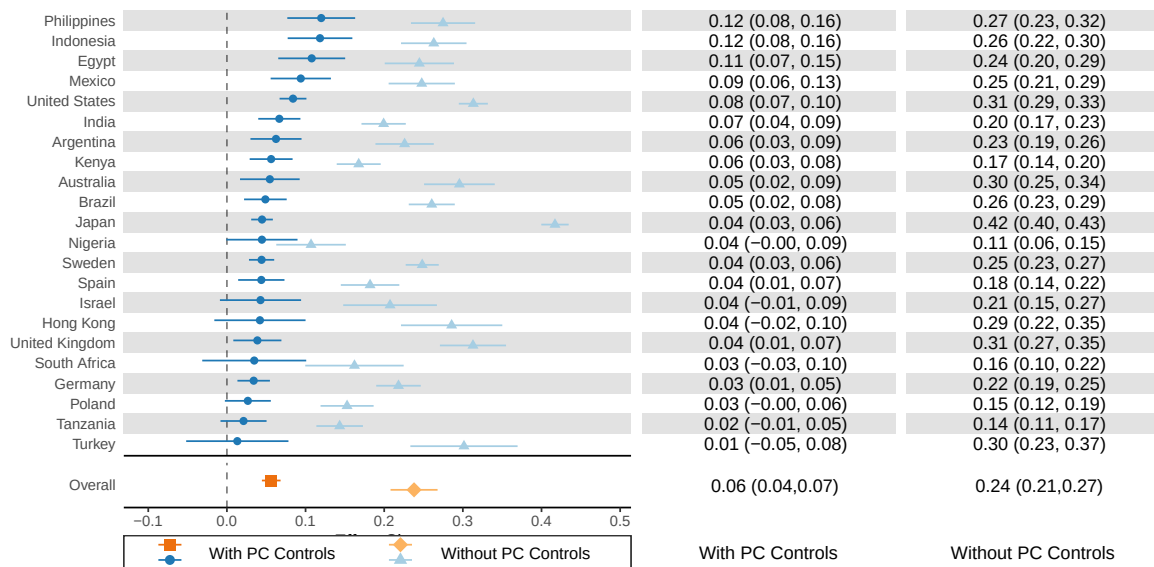
'Say in government (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; $\tau^2=0.035$; Q-profile 95% CI [0.024, 0.050]; Q(df=21)=150.36, $p<2e-16$; $I^2=86.08$;
 Excluded countries: China
 PCs Included; $\tau^2=0.019$; Q-profile 95% CI [0.011, 0.029]; Q(df=21)=55.67, $p=5.64e-05$; $I^2=74.50$;
 Excluded countries: China

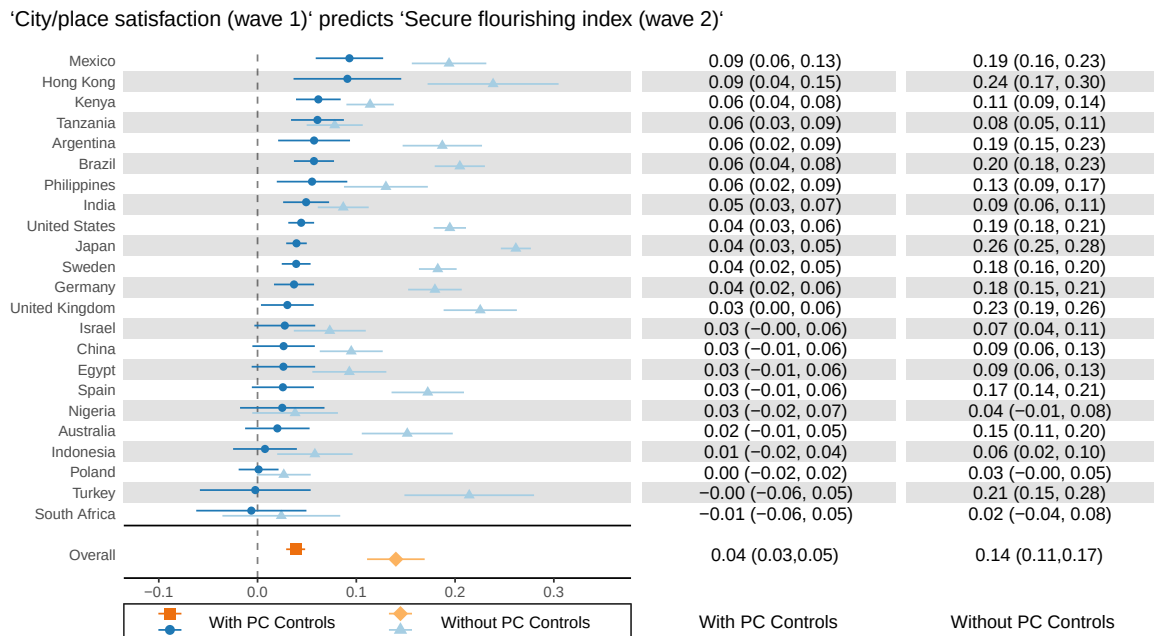
Figure S40. Heterogeneity in the effects of *Belonging in country (wave 1)* on *Secure flourishing index (Wave 2)* scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Belonging in country (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; $\tau^2=0.068$; Q-profile 95% CI [0.050, 0.096]; Q(df=21)=604.69, $p<2e-16$; $I^2=94.53$;
 Excluded countries: China
 PCs Included; $\tau^2=0.022$; Q-profile 95% CI [0.010, 0.034]; Q(df=21)=61.10, $p=8.68e-06$; $I^2=71.07$;
 Excluded countries: China

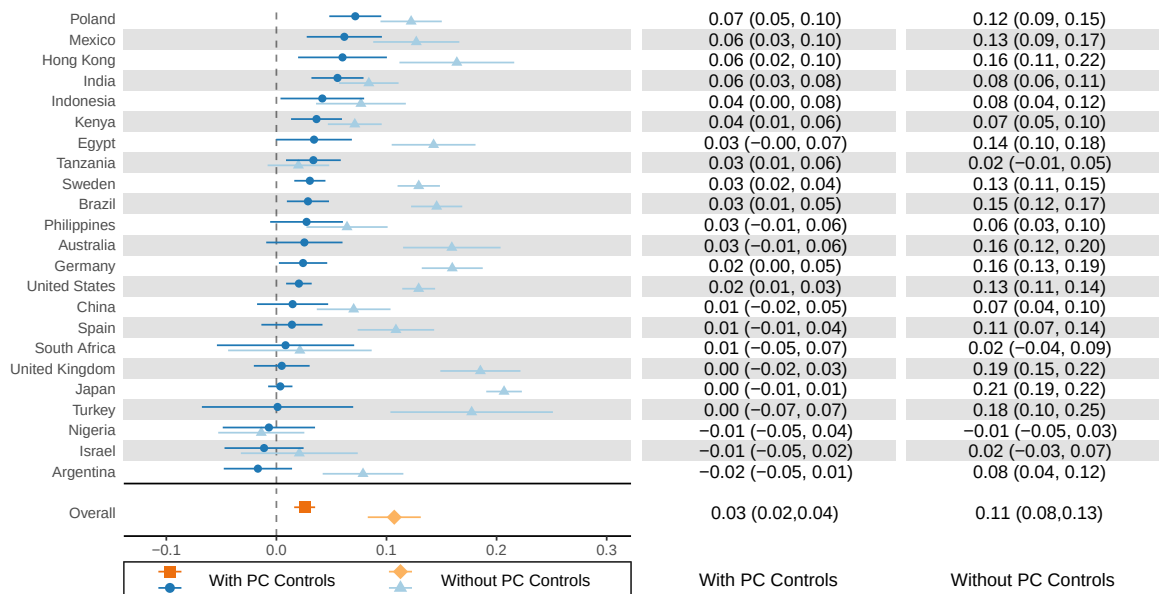
Figure S41. Heterogeneity in the effects of City/place satisfaction (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.069$; Q-profile 95% CI [0.050, 0.094]; Q(df=22)=534.29, $p<2e-16$; $I^2=95.51$
PCs Included; $\tau^2=0.018$; Q-profile 95% CI [0.008, 0.026]; Q(df=22)=52.52, $p=2.65e-04$; $I^2=69.63$

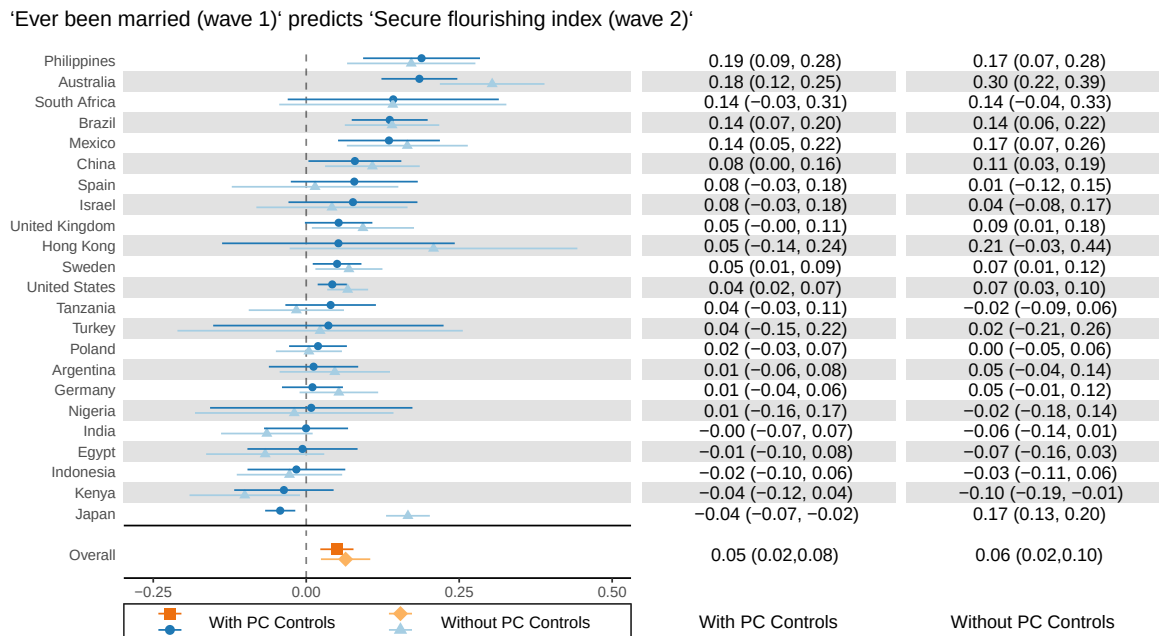
Figure S42. Heterogeneity in the effects of Trust within country (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Trust within country (wave 1)' predicts 'Secure flourishing index (wave 2)'



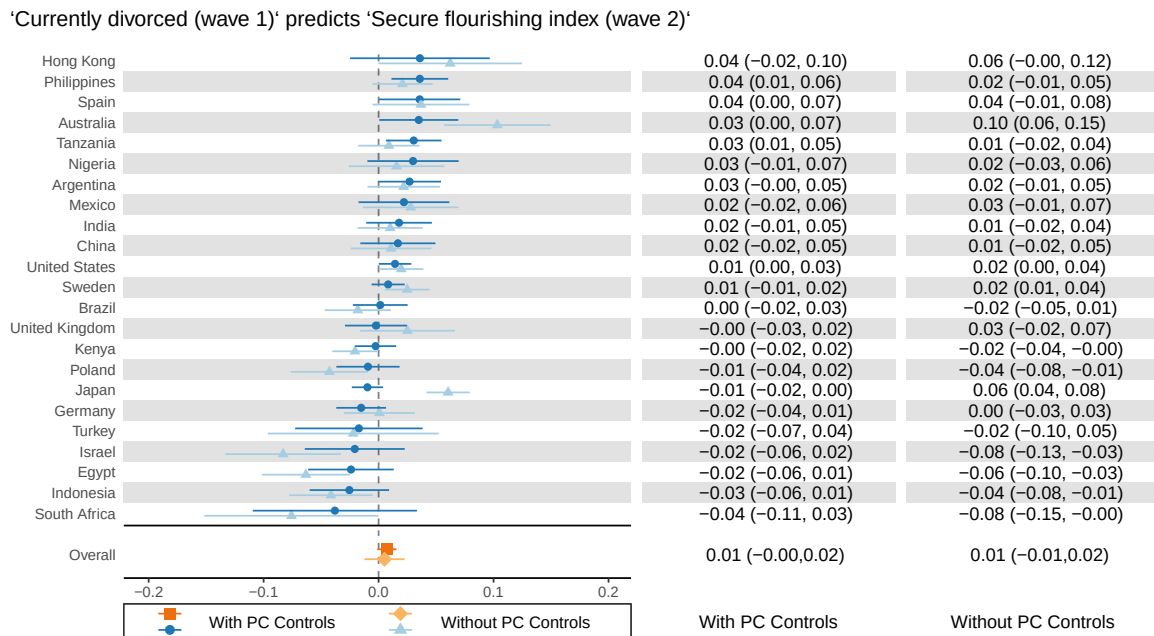
PCs Excluded; $\tau^2=0.056$; Q-profile 95% CI [0.039, 0.077]; Q(df=22)=313.53, $p<2e-16$; $I^2=93.35$
 PCs Included; $\tau^2=0.018$; Q-profile 95% CI [0.008, 0.027]; Q(df=22)=64.10, $p=5.41e-06$; $I^2=69.11$

Figure S43. Heterogeneity in the effects of *Ever been married (wave 1)* on *Secure flourishing index (Wave 2)* scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



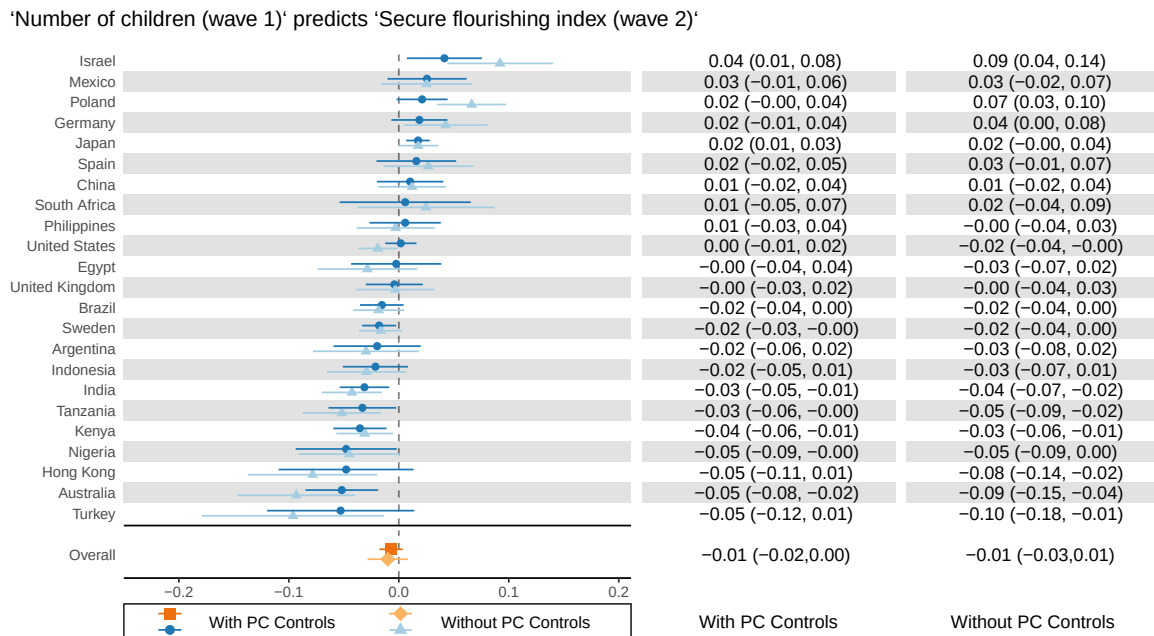
PCs Excluded; $\tau^2=0.084$; Q-profile 95% CI [0.057, 0.124]; Q(df=22)=121.72, $p=8.49e-16$; $I^2=83.39$
 PCs Included; $\tau^2=0.052$; Q-profile 95% CI [0.035, 0.082]; Q(df=22)=99.93, $p=6.63e-12$; $I^2=75.76$

Figure S44. *Heterogeneity in the effects of Currently divorced (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.038$; Q-profile 95% CI [0.024, 0.053]; Q(df=22)=117.19, $p=5.62e-15$; $I^2=85.72$
PCs Included; $\tau^2=0.014$; Q-profile 95% CI [0.000, 0.023]; Q(df=22)=43.99, $p=3.56e-03$; $I^2=53.77$

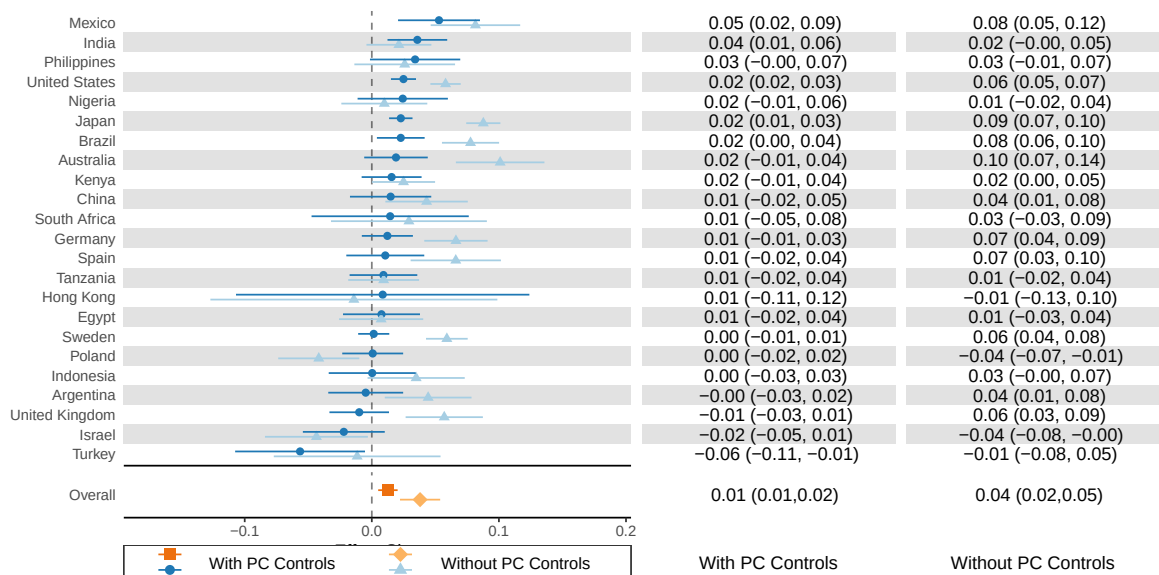
Figure S45. Heterogeneity in the effects of Number of children (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.040$; Q-profile 95% CI [0.025, 0.055]; Q(df=22)=104.37, $p=1.1e-12$; $I^2=85.93$
PCs Included; $\tau^2=0.021$; Q-profile 95% CI [0.010, 0.031]; Q(df=22)=73.29, $p=1.99e-07$; $I^2=72.71$

Figure S46. Heterogeneity in the effects of Weekly+ community participation (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

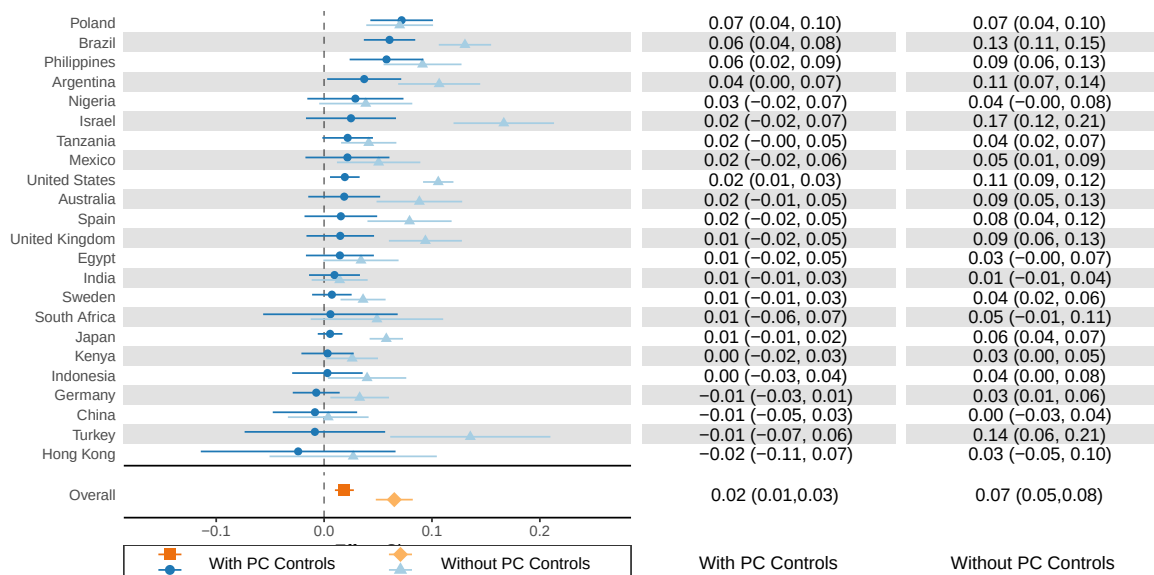
'Weekly+ community participation (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; . (tau)=0.034; Q-profile 95% CI [0.024, 0.049]; Q(df=22)=141.54, p=<2e-16; I²=86.63
 PCs Included; . (tau)=0.013; Q-profile 95% CI [0.000, 0.020]; Q(df=22)=43.35, p=4.27e-03; I²=57.40

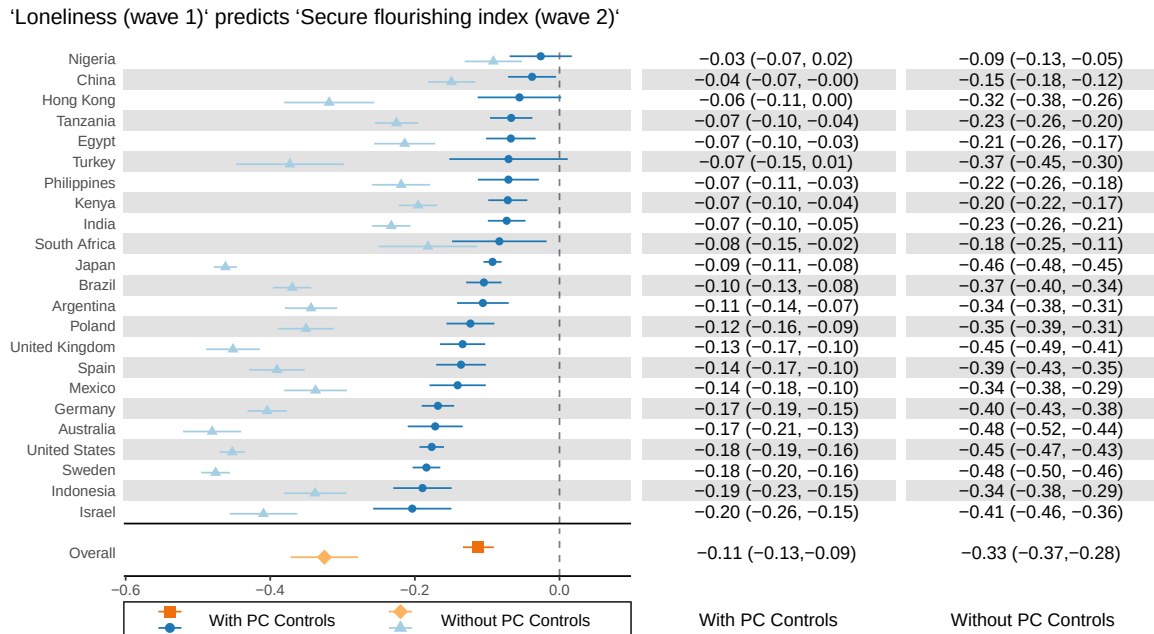
Figure S47. *Heterogeneity in the effects of Weekly+ religious attendance (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Weekly+ religious attendance (wave 1)' predicts 'Secure flourishing index (wave 2)'



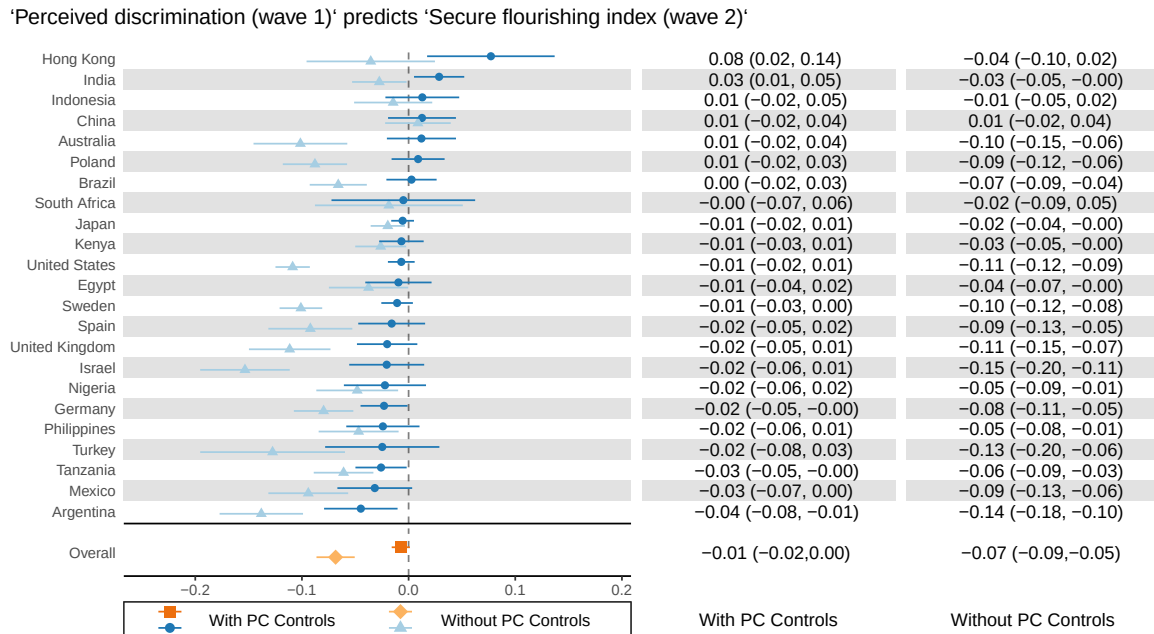
PCs Excluded; $\tau^2=0.037$; Q-profile 95% CI [0.025, 0.053]; Q(df=22)=153.67, $p<2e-16$; $I^2=86.58$
PCs Included; $\tau^2=0.015$; Q-profile 95% CI [0.008, 0.026]; Q(df=22)=49.92, $p=6.01e-04$; $I^2=54.83$

Figure S48. *Heterogeneity in the effects of Loneliness (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



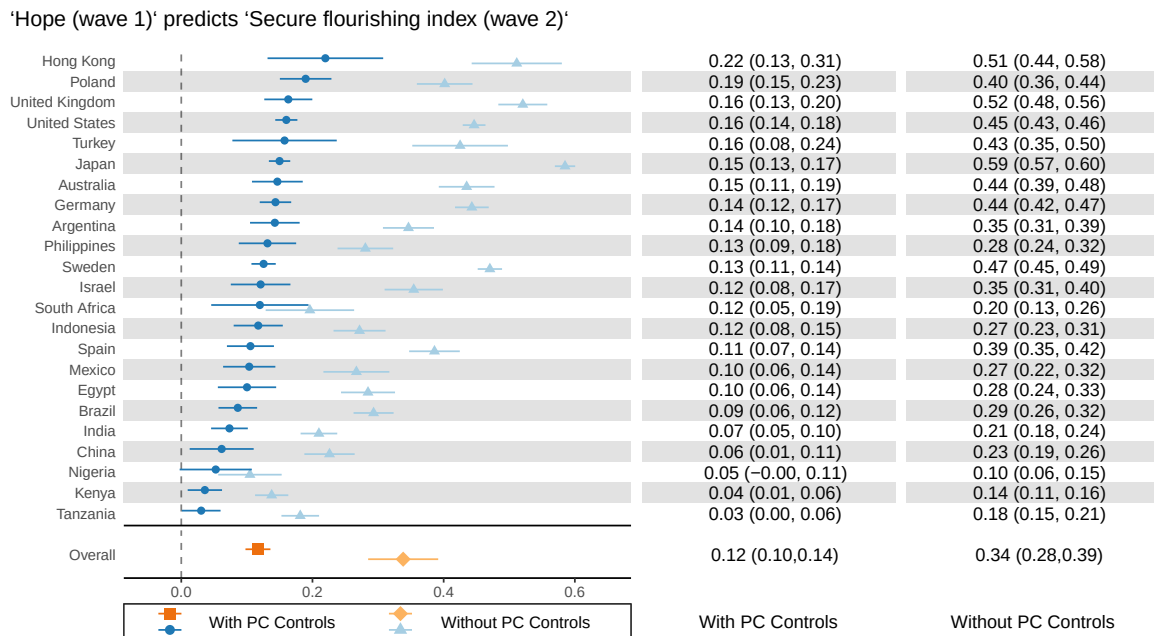
PCs Excluded; $\tau^2=0.113$; Q-profile 95% CI [0.084, 0.153]; Q(df=22)=1244.64, $p<2e-16$; $I^2=98.07$
PCs Included; $\tau^2=0.048$; Q-profile 95% CI [0.034, 0.067]; Q(df=22)=257.06, $p<2e-16$; $I^2=91.77$

Figure S49. *Heterogeneity in the effects of Perceived discrimination (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



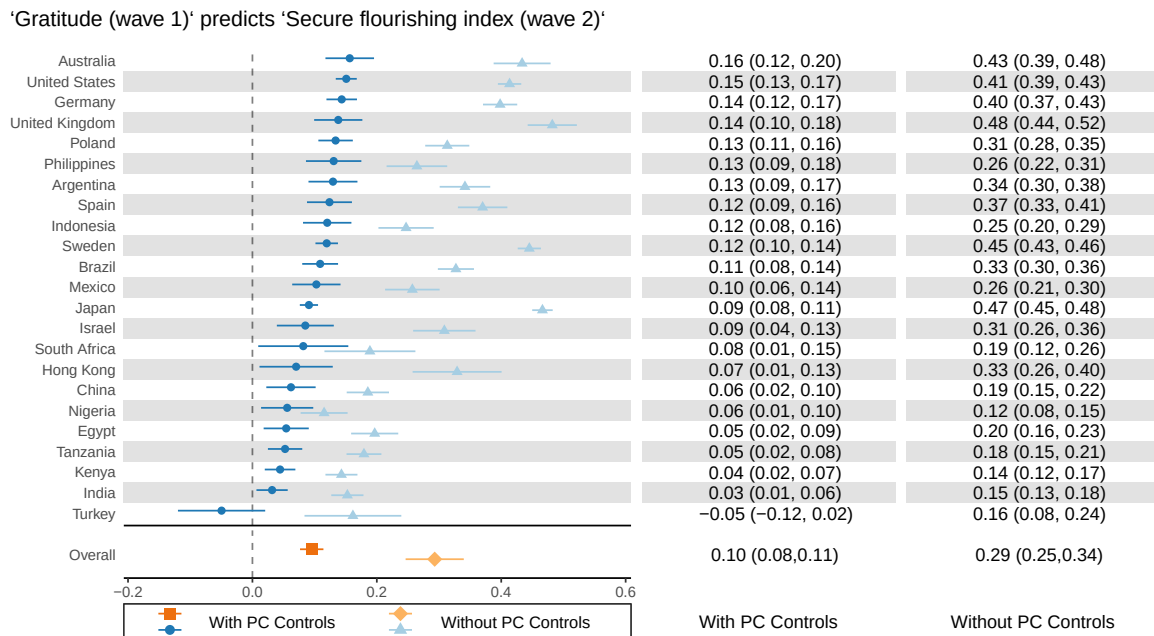
PCs Excluded; $\tau^2 = 0.040$; Q-profile 95% CI [0.028, 0.056]; Q(df=22)=175.65, $p < 2e-16$; $I^2 = 87.34$
PCs Included; $\tau^2 = 0.015$; Q-profile 95% CI [0.000, 0.022]; Q(df=22)=38.23, $p = 1.72e-02$; $I^2 = 59.04$

Figure S50. Heterogeneity in the effects of Hope (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



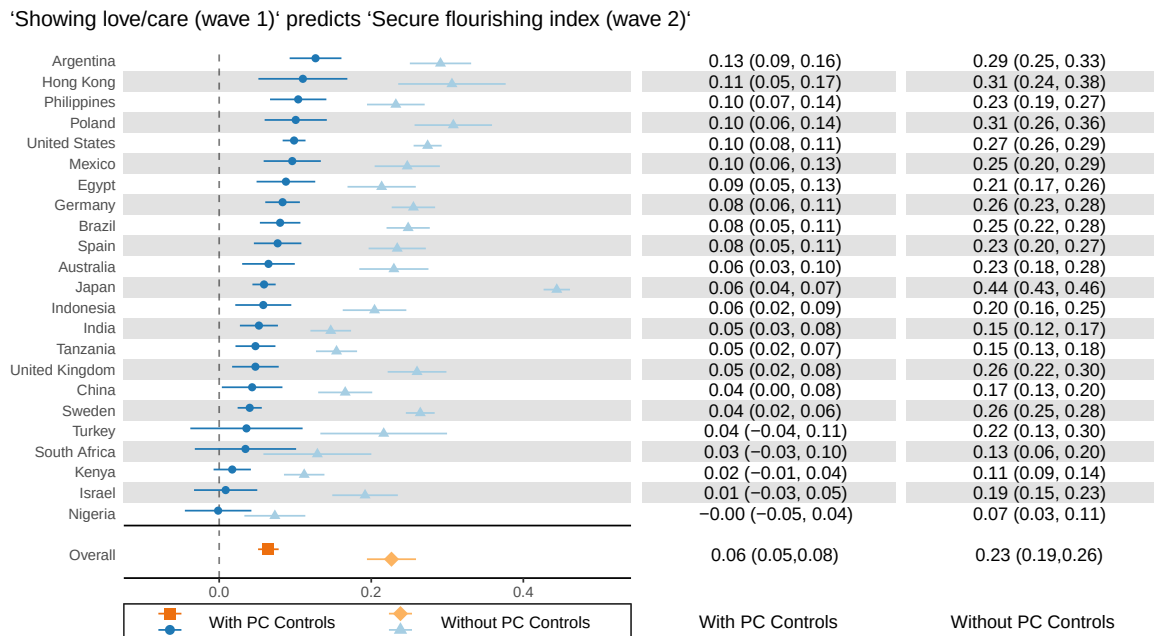
PCs Excluded; $\tau^2=0.129$; Q-profile 95% CI [0.096, 0.175]; Q(df=22)=1943.80, $p<2e-16$; $I^2=98.50$
PCs Included; $\tau^2=0.042$; Q-profile 95% CI [0.028, 0.059]; Q(df=22)=170.33, $p<2e-16$; $I^2=87.31$

Figure S51. Heterogeneity in the effects of Gratitude (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



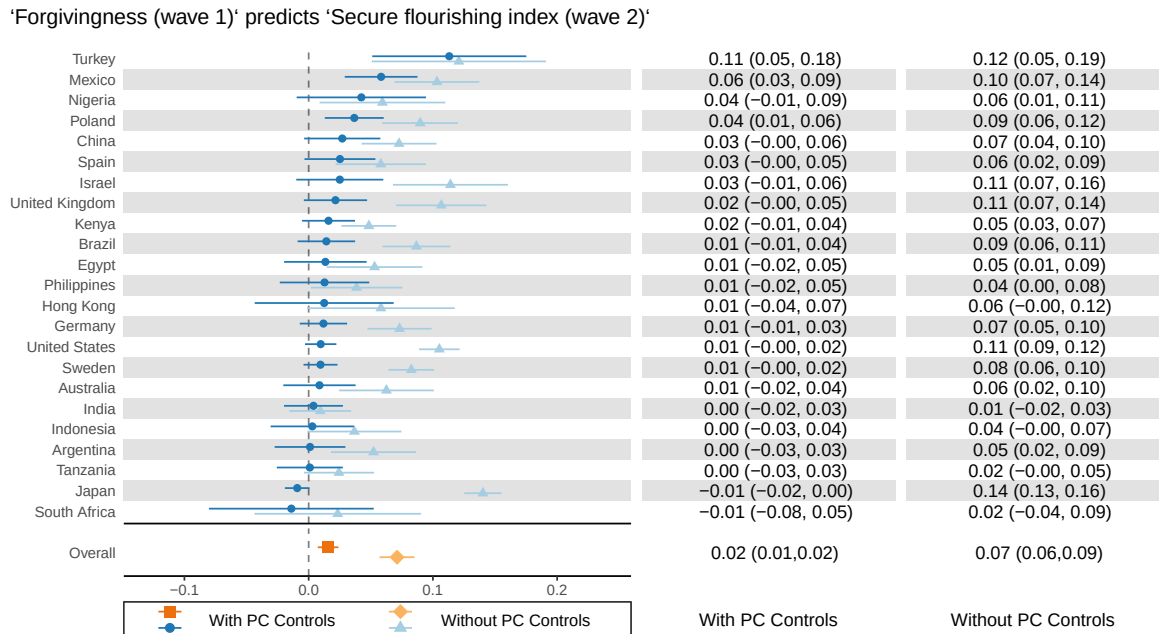
PCs Excluded; $\tau = 0.112$; Q-profile 95% CI [0.084, 0.153]; Q(df=22)=1394.76, $p < 2e-16$; $I^2 = 98.00$
PCs Included; $\tau = 0.042$; Q-profile 95% CI [0.028, 0.058]; Q(df=22)=170.35, $p < 2e-16$; $I^2 = 88.66$

Figure S52. Heterogeneity in the effects of Showing love/care (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



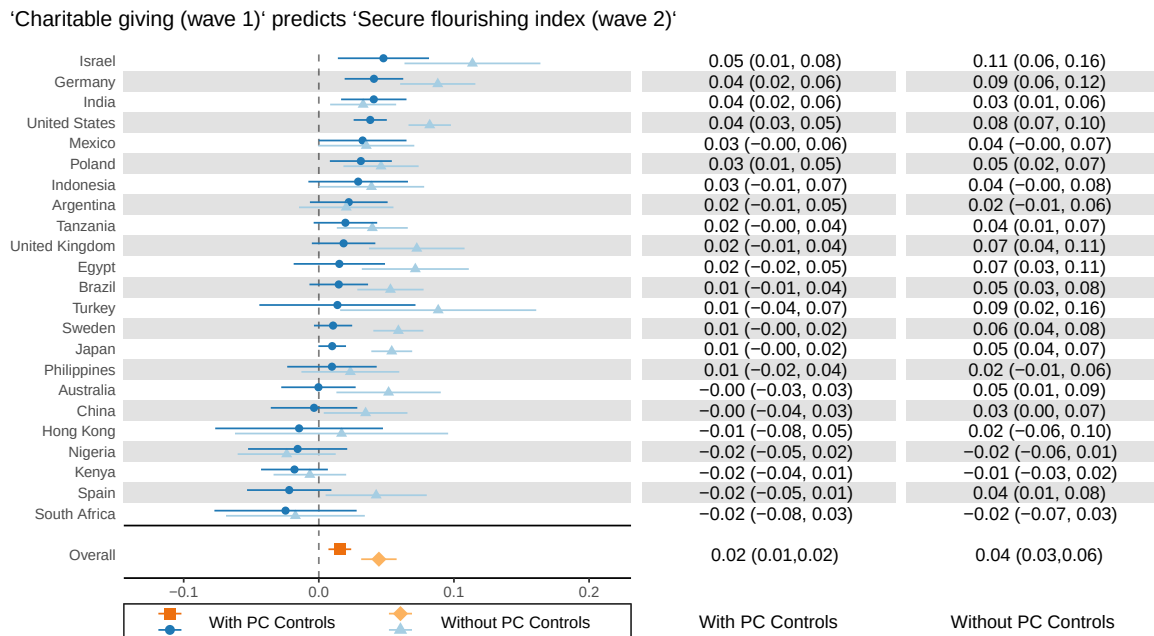
PCs Excluded; $\tau^2 = 0.076$; Q-profile 95% CI [0.057, 0.105]; Q(df=22)=836.48, $p < 2e-16$; $I^2 = 95.63$
PCs Included; $\tau^2 = 0.028$; Q-profile 95% CI [0.017, 0.041]; Q(df=22)=96.98, $p = 2.16e-11$; $I^2 = 79.33$

Figure S53. *Heterogeneity in the effects of Forgiveness (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



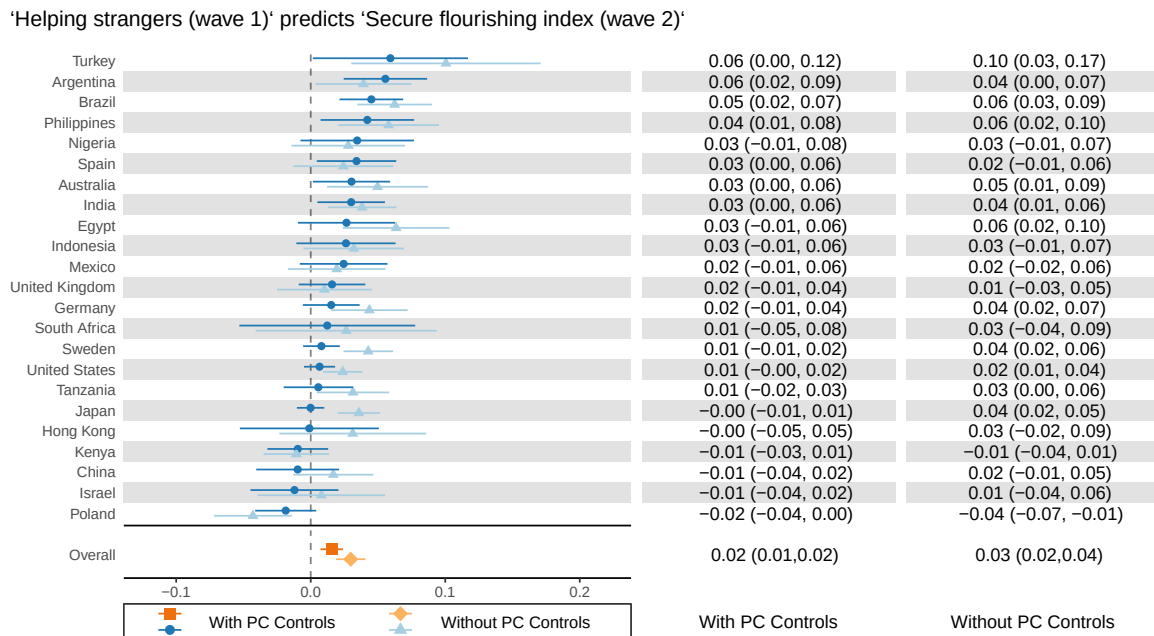
PCs Excluded; $\tau^2 = 0.029$; Q-profile 95% CI [0.020, 0.043]; Q(df=22)=154.39, $p < 2e-16$; $I^2 = 80.10$
PCs Included; $\tau^2 = 0.014$; Q-profile 95% CI [0.008, 0.021]; Q(df=22)=48.34, $p = 9.77e-04$; $I^2 = 59.95$

Figure S54. *Heterogeneity in the effects of Charitable giving (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



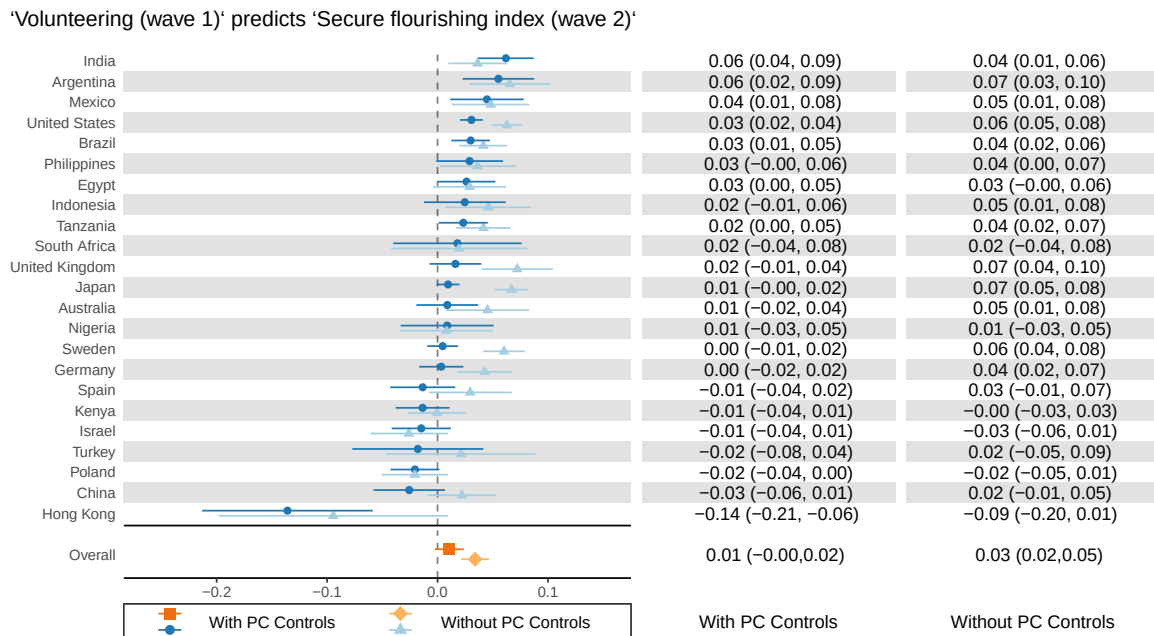
PCs Excluded; $\tau^2=0.027$; Q-profile 95% CI [0.016, 0.039]; Q(df=22)=84.55, $p=2.84e-09$; $I^2=76.97$
 PCs Included; $\tau^2=0.015$; Q-profile 95% CI [0.009, 0.024]; Q(df=22)=52.17, $p=2.97e-04$; $I^2=61.08$

Figure S55. *Heterogeneity in the effects of Helping strangers (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



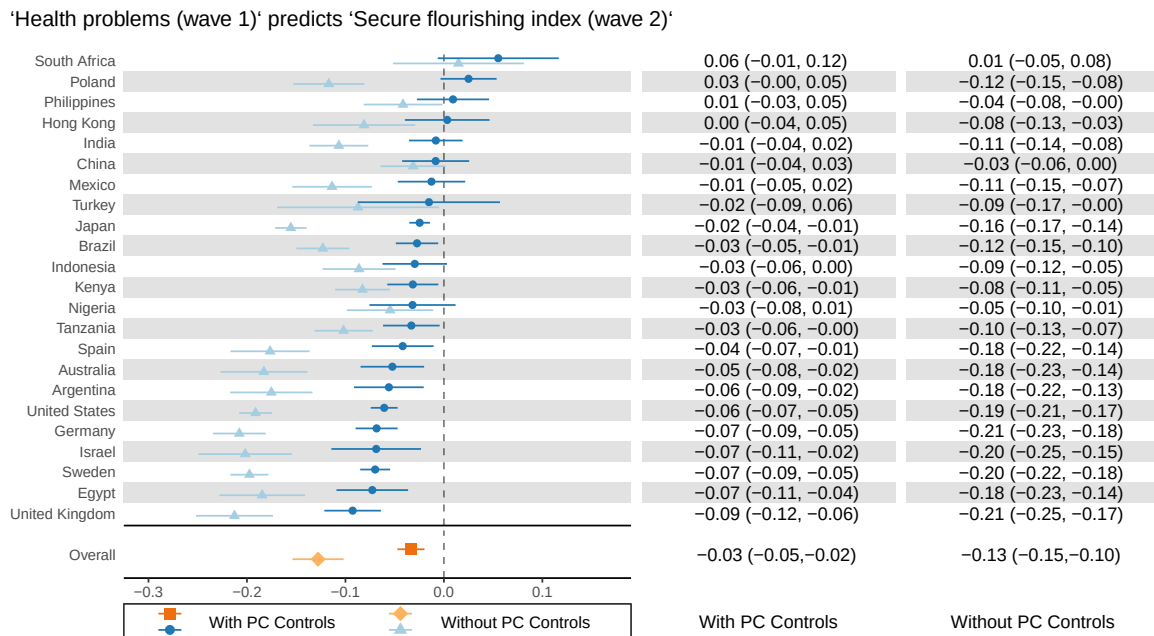
PCs Excluded; . (tau)=0.020; Q-profile 95% CI [0.012, 0.031]; Q(df=22)=58.23, p=4.07e-05; I²=65.66
 PCs Included; . (tau)=0.015; Q-profile 95% CI [0.008, 0.024]; Q(df=22)=50.99, p=4.3e-04; I²=60.75

Figure S56. Heterogeneity in the effects of Volunteering (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2 = 0.026$; Q-profile 95% CI [0.015, 0.036]; $Q(df=22)=82.73$, $p=5.72e-09$; $I^2=77.06$
PCs Included; $\tau^2 = 0.028$; Q-profile 95% CI [0.013, 0.037]; $Q(df=22)=87.72$, $p=8.33e-10$; $I^2=86.12$

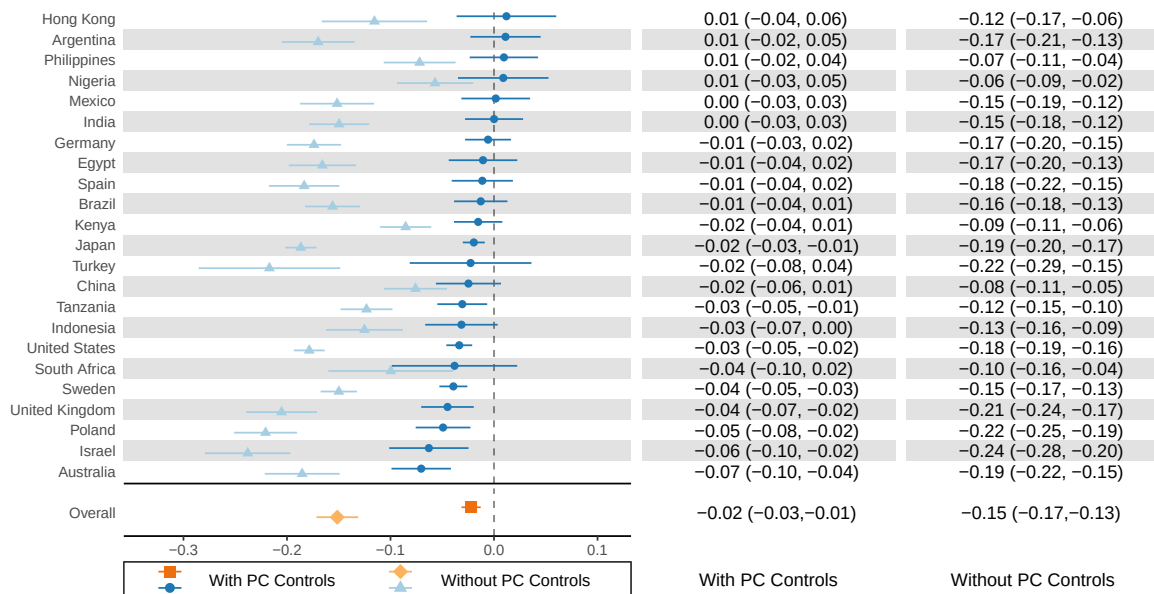
Figure S57. *Heterogeneity in the effects of Health problems (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2 = 0.060$; Q-profile 95% CI [0.042, 0.083]; Q(df=22)=277.39, $p < 2e-16$; $I^2 = 93.54$
PCs Included; $\tau^2 = 0.029$; Q-profile 95% CI [0.018, 0.041]; Q(df=22)=112.12, $p = 4.61e-14$; $I^2 = 83.82$

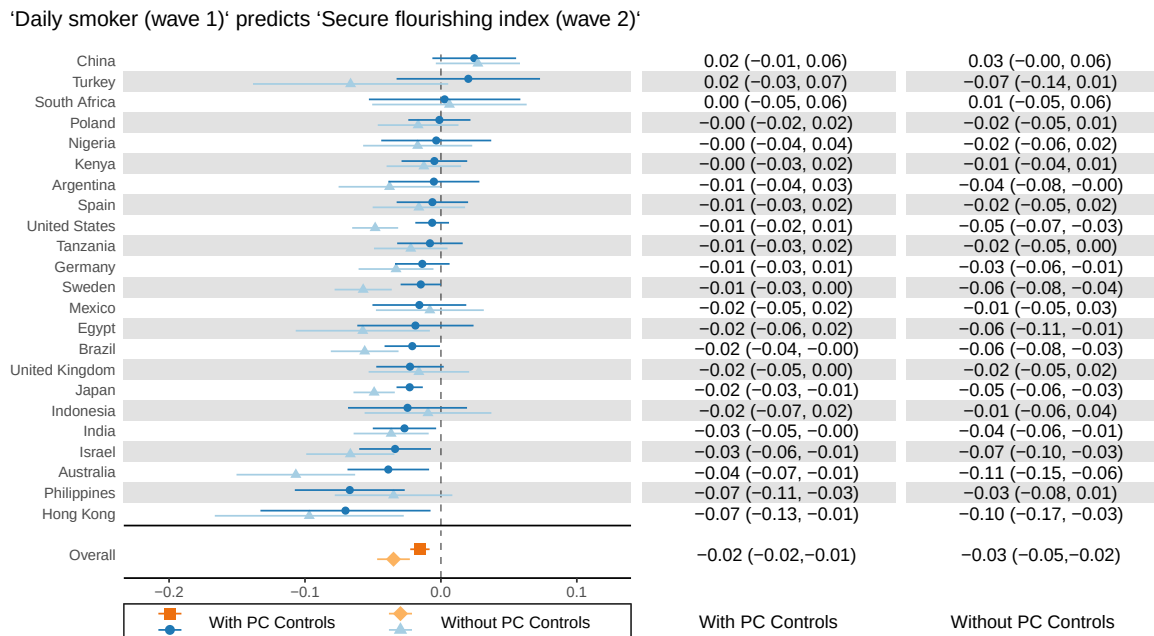
Figure S58. Heterogeneity in the effects of Pain in past 4 weeks (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Pain in past 4 weeks (wave 1)' predicts 'Secure flourishing index (wave 2)'



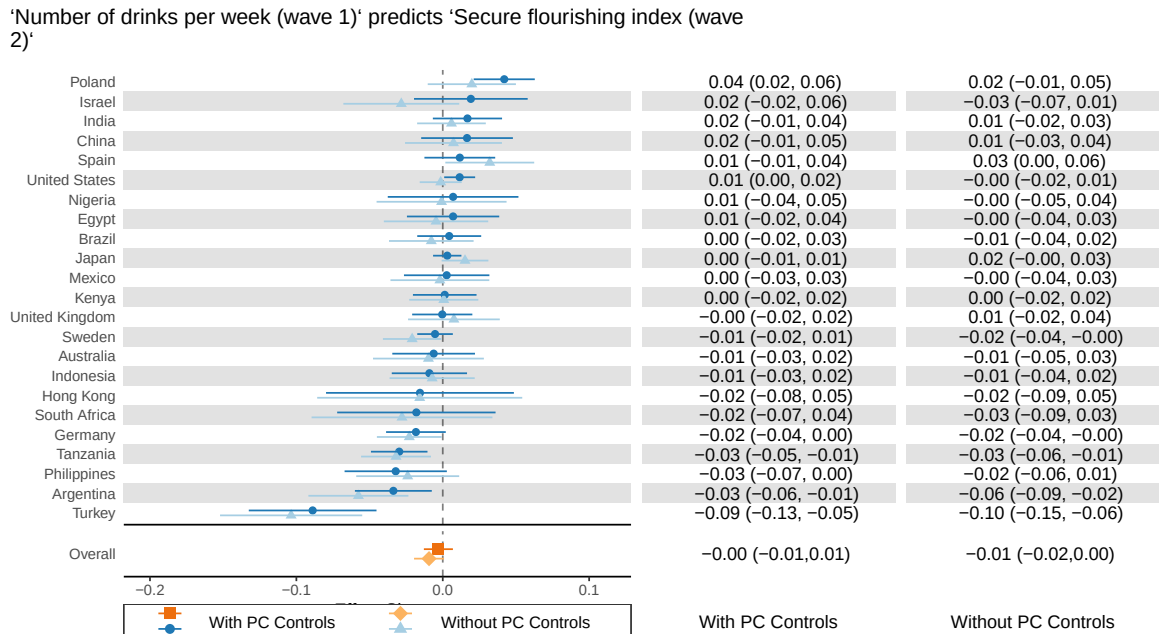
PCs Excluded; . (tau)=0.046; Q-profile 95% CI [0.032, 0.064]; Q(df=22)=200.59, p=<2e-16; I²=91.29
PCs Included; . (tau)=0.017; Q-profile 95% CI [0.009, 0.026]; Q(df=22)=51.64, p=3.5e-04; I²=65.71

Figure S59. *Heterogeneity in the effects of Daily smoker (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



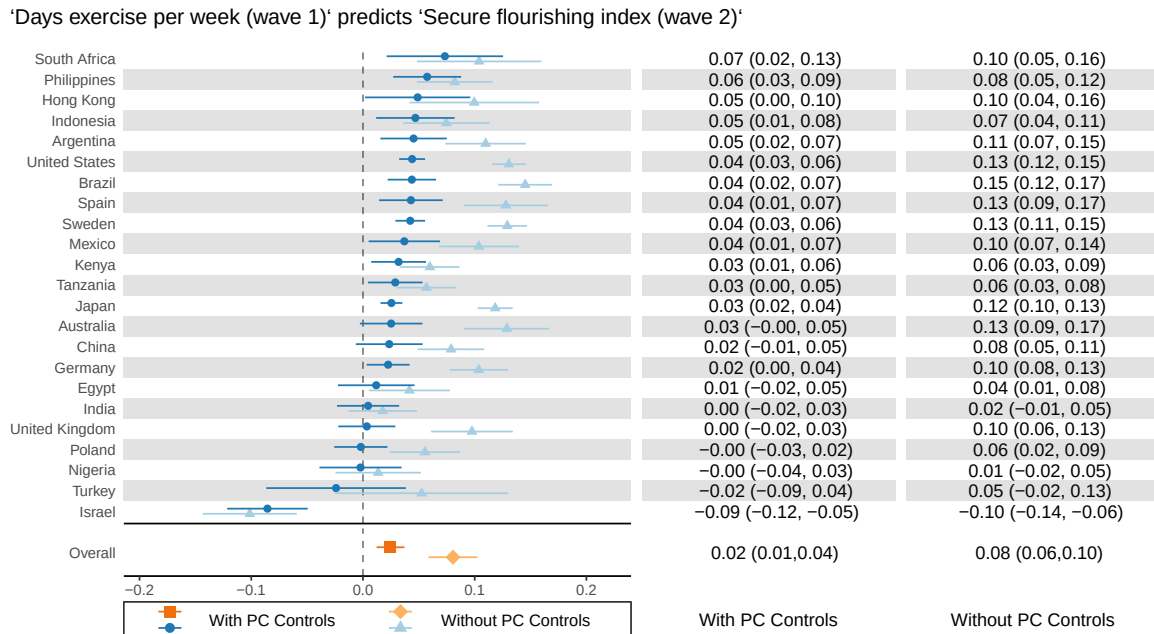
PCs Excluded; . (tau)=0.023; Q-profile 95% CI [0.010, 0.034]; Q(df=22)=59.17, p=2.96e-05; I²=69.74
PCs Included; . (tau)=0.011; Q-profile 95% CI [0.000, 0.017]; Q(df=22)=32.14, p=7.5e-02; I²=44.65

Figure S60. *Heterogeneity in the effects of Number of drinks per week (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.019$; Q-profile 95% CI [0.011, 0.029]; Q(df=22)=55.43, $p=1.03e-04$; $I^2=65.28$
PCs Included; $\tau^2=0.020$; Q-profile 95% CI [0.009, 0.029]; Q(df=22)=67.03, $p=1.93e-06$; $I^2=77.32$

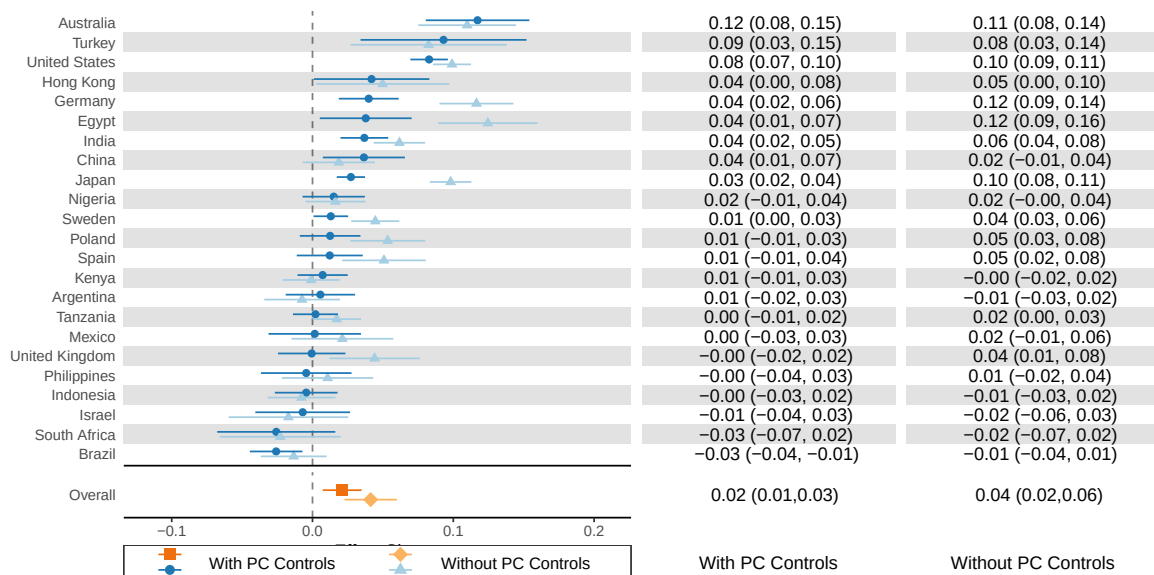
Figure S61. Heterogeneity in the effects of Days exercise per week (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2 = 0.050$; Q-profile 95% CI [0.035, 0.070]; Q(df=22)=228.36, $p < 2e-16$; $I^2 = 92.28$
PCs Included; $\tau^2 = 0.026$; Q-profile 95% CI [0.014, 0.037]; Q(df=22)=82.34, $p = 6.65e-09$; $I^2 = 83.86$

Figure S62. Heterogeneity in the effects of Educational attainment (16+ years) (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

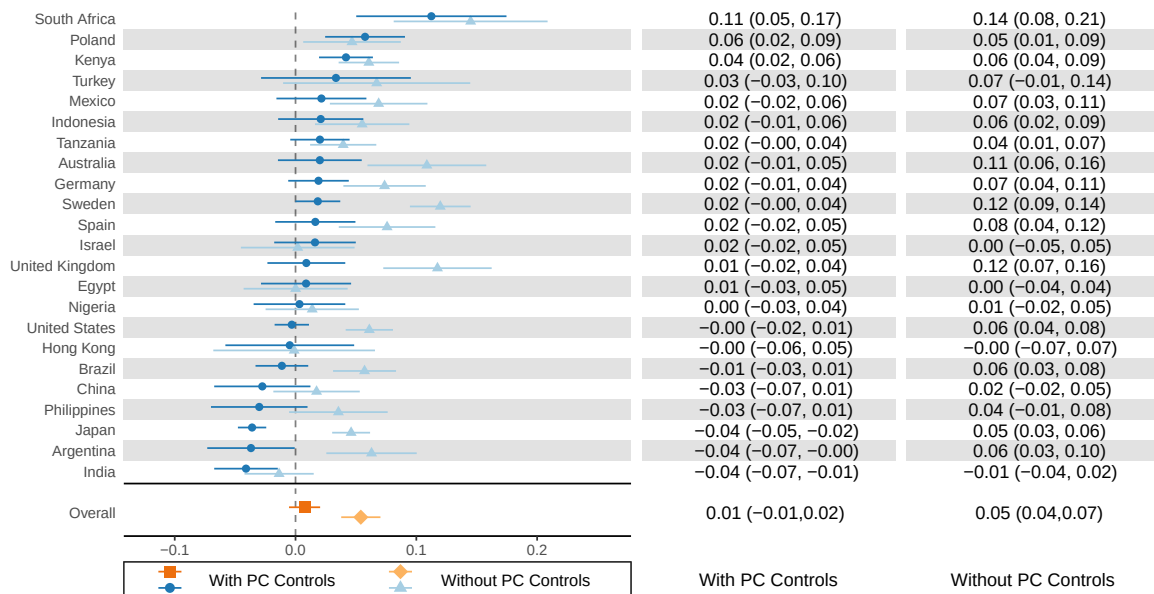
'Educational attainment (16+ years) (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; . (tau)=0.043; Q-profile 95% CI [0.031, 0.060]; Q(df=22)=299.06, p=<2e-16; I²=92.55
PCs Included; . (tau)=0.031; Q-profile 95% CI [0.020, 0.043]; Q(df=22)=181.63, p=<2e-16; I²=89.73

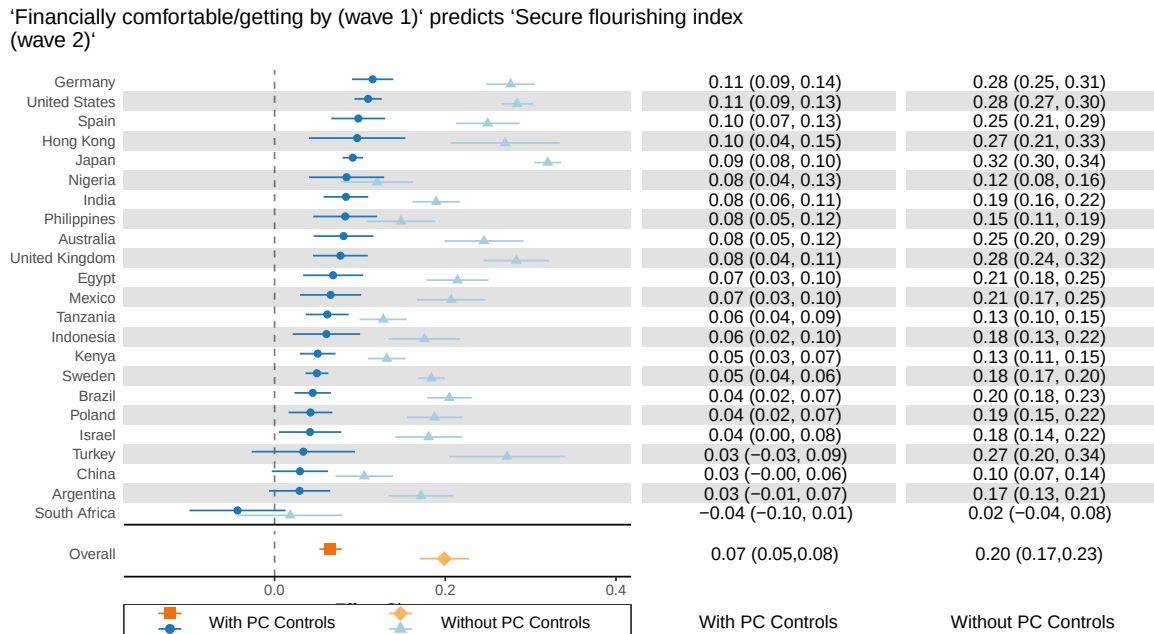
Figure S63. Heterogeneity in the effects of Currently employed (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Currently employed (wave 1)' predicts 'Secure flourishing index (wave 2)'



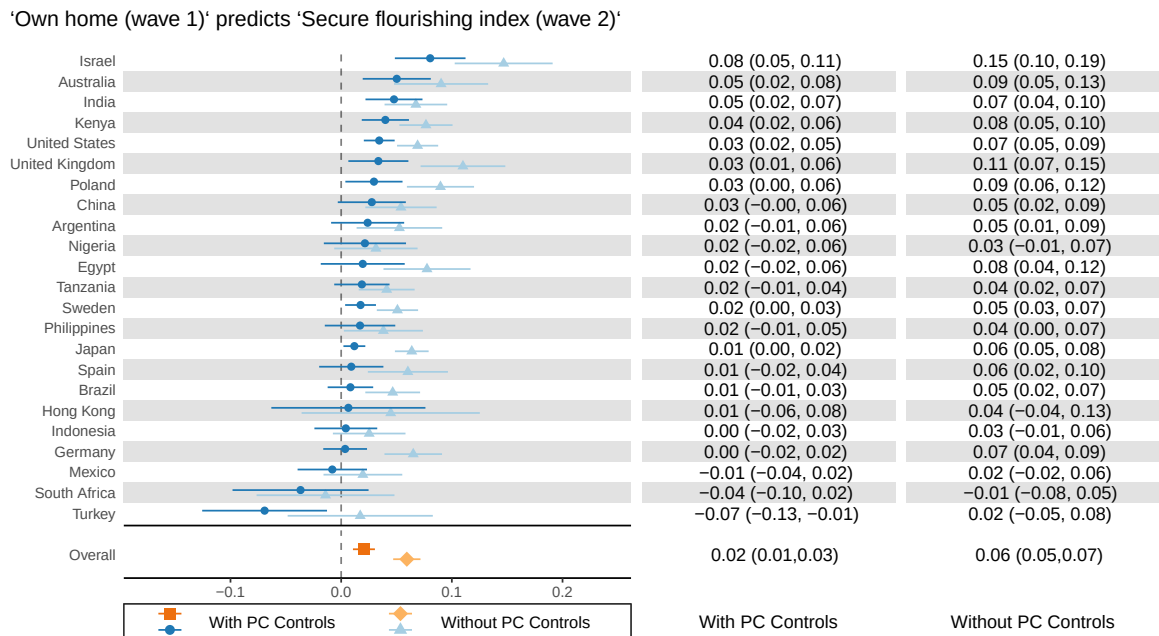
PCs Excluded; . (tau)=0.034; Q-profile 95% CI [0.022, 0.049]; Q(df=22)=97.24, p=1.95e-11; I²=81.16
PCs Included; . (tau)=0.027; Q-profile 95% CI [0.016, 0.038]; Q(df=22)=109.03, p=1.64e-13; I²=79.41

Figure S64. Heterogeneity in the effects of Financially comfortable/getting by (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



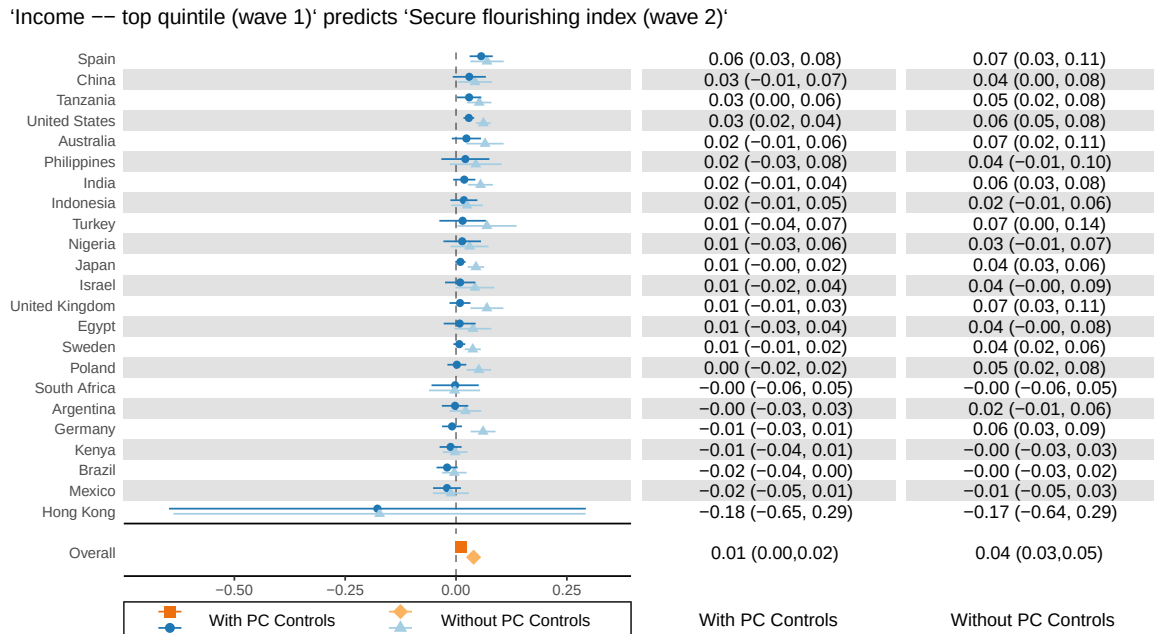
PCs Excluded; . (tau)=0.068; Q-profile 95% CI [0.049, 0.093]; Q(df=22)=506.02, p=<2e-16; I²=95.32
PCs Included; . (tau)=0.027; Q-profile 95% CI [0.017, 0.038]; Q(df=22)=109.12, p=1.58e-13; I²=81.30

Figure S65. Heterogeneity in the effects of Own home (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.024$; Q-profile 95% CI [0.010, 0.035]; Q(df=22)=56.08, $p=8.32e-05$; $I^2=72.68$
PCs Included; $\tau^2=0.019$; Q-profile 95% CI [0.009, 0.027]; Q(df=22)=56.10, $p=8.26e-05$; $I^2=72.02$

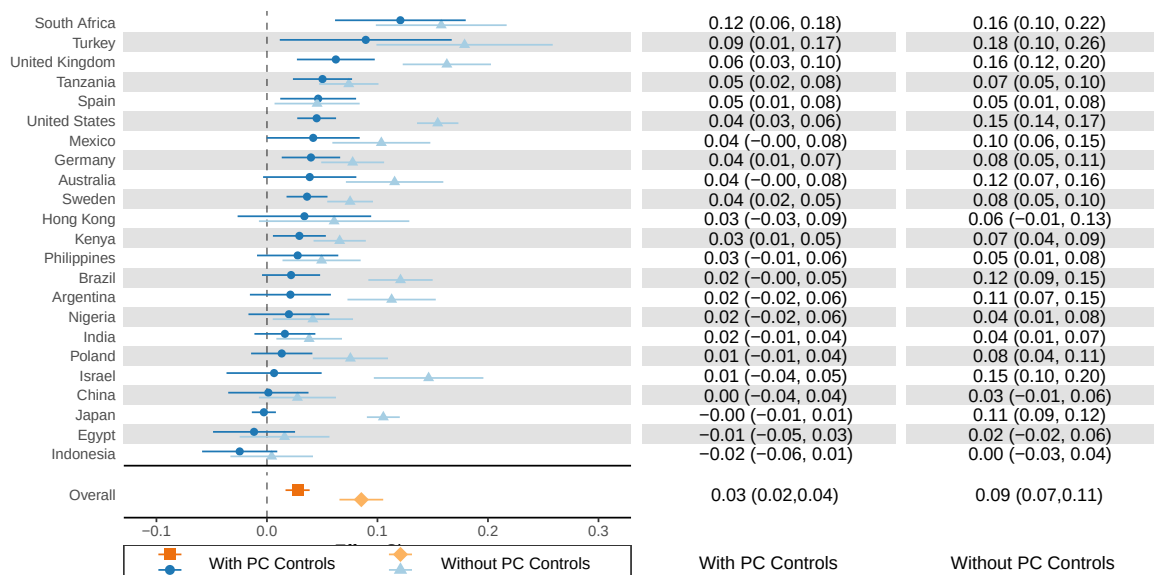
Figure S66. Heterogeneity in the effects of Income – top quintile (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; . (tau)=0.018; Q-profile 95% CI [0.010, 0.029]; Q(df=22)=49.52, p=6.81e-04; I²=56.72
PCs Included; . (tau)=0.011; Q-profile 95% CI [0.011, 0.023]; Q(df=22)=44.55, p=3.03e-03; I²=44.52

Figure S67. *Heterogeneity in the effects of Religious/spiritual connection (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

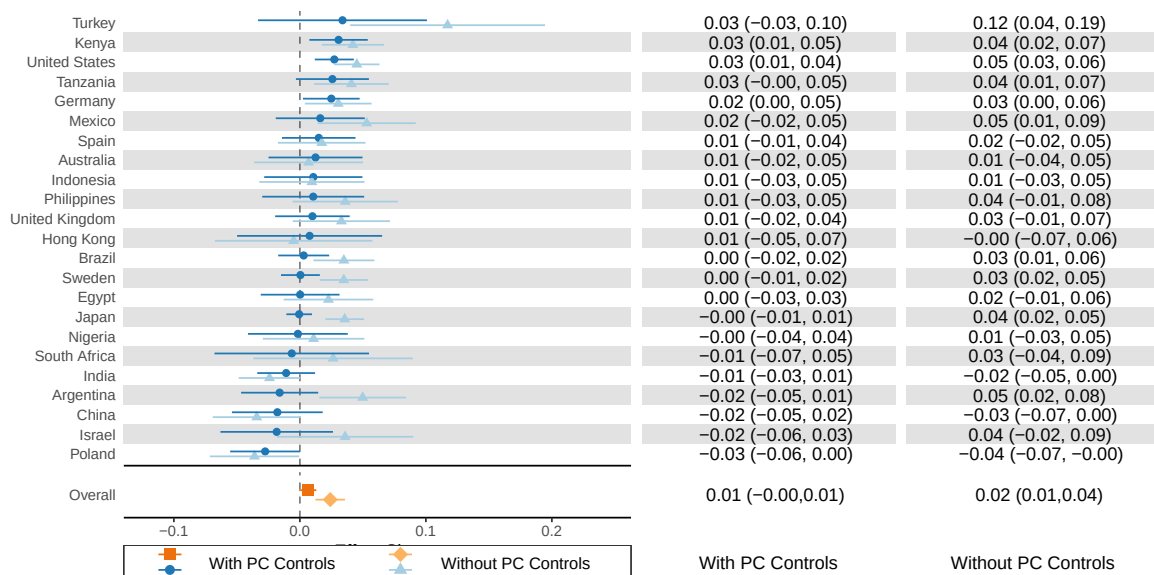
'Religious/spiritual connection (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; $\tau^2 = 0.044$; Q-profile 95% CI [0.030, 0.062]; Q(df=22)=168.64, $p < 2e-16$; $I^2 = 88.79$
 PCs Included; $\tau^2 = 0.020$; Q-profile 95% CI [0.009, 0.031]; Q(df=22)=70.80, $p = 4.96e-07$; $I^2 = 67.73$

Figure S68. Heterogeneity in the effects of Belief in life after death (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

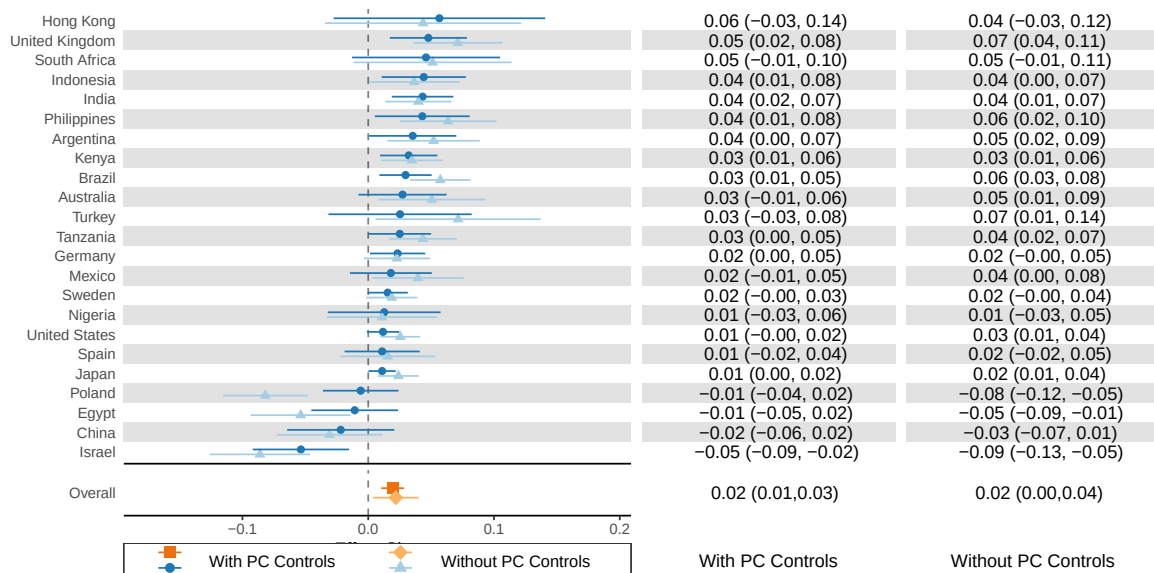
'Belief in life after death (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; $\tau^2=0.022$; Q-profile 95% CI [0.014, 0.033]; Q(df=22)=61.97, $p=1.14e-05$; $I^2=67.77$
PCs Included; $\tau^2=0.009$; Q-profile 95% CI [0.000, 0.018]; Q(df=22)=33.07, $p=6.08e-02$; $I^2=30.72$

Figure S69. *Heterogeneity in the effects of Transformative religious experience (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

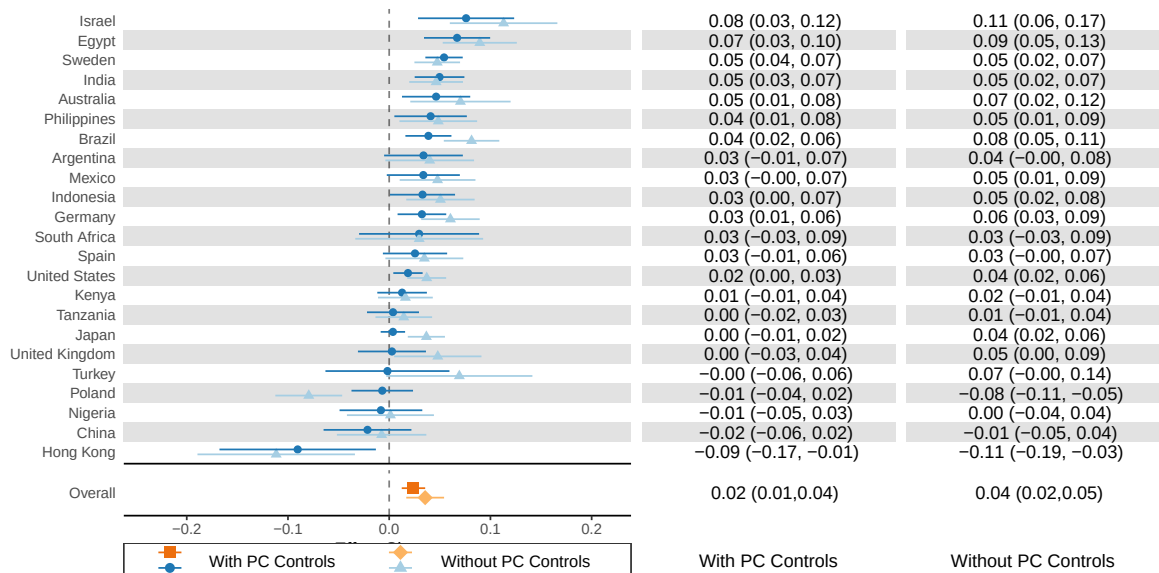
'Transformative religious experience (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; $\tau^2=0.040$; Q-profile 95% CI [0.026, 0.056]; Q(df=22)=119.51, $p=2.14e-15$; $I^2=87.35$
 PCs Included; $\tau^2=0.016$; Q-profile 95% CI [0.000, 0.024]; Q(df=22)=43.12, $p=4.57e-03$; $I^2=59.96$

Figure S70. *Heterogeneity in the effects of Religious reading or listening (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

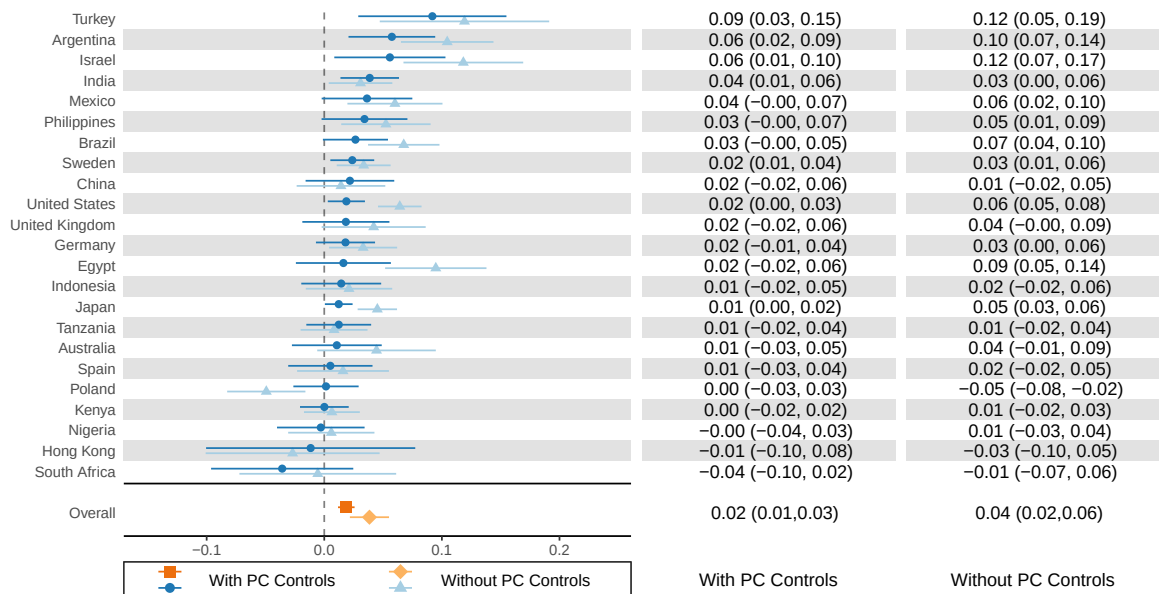
'Religious reading or listening (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; $\tau^2=0.041$; Q-profile 95% CI [0.024, 0.056]; Q(df=22)=107.77, $p=2.76e-13$; $I^2=85.96$
 PCs Included; $\tau^2=0.023$; Q-profile 95% CI [0.010, 0.032]; Q(df=22)=67.54, $p=1.6e-06$; $I^2=73.24$

Figure S71. Heterogeneity in the effects of Prayer or meditation (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

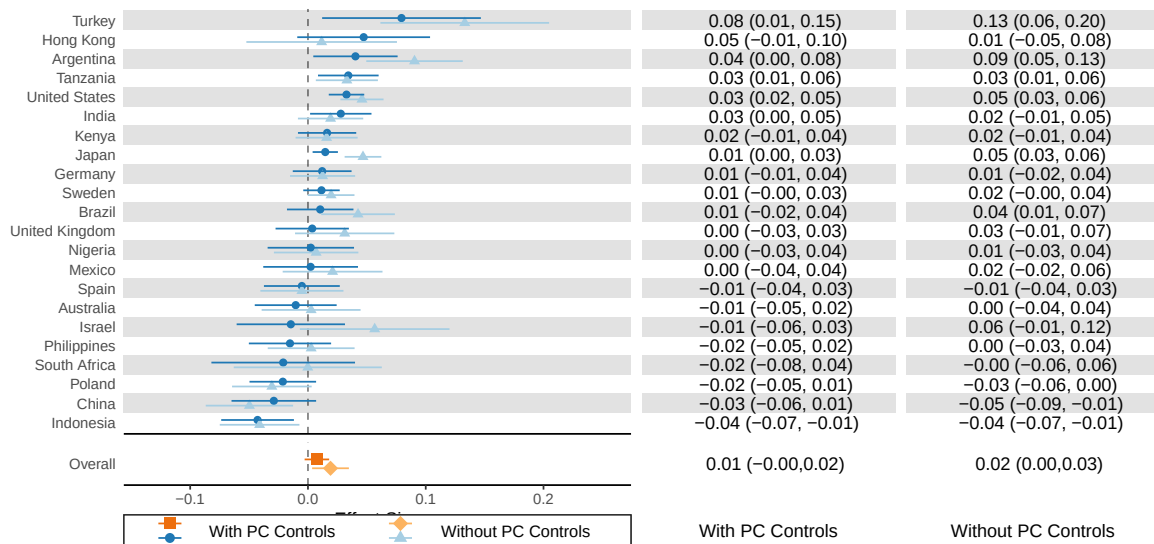
'Prayer or meditation (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; $\tau^2=0.036$; Q-profile 95% CI [0.022, 0.050]; Q(df=22)=95.45, $p=3.98e-11$; $I^2=82.66$
 PCs Included; $\tau^2=0.008$; Q-profile 95% CI [0.000, 0.016]; Q(df=22)=28.15, $p=1.71e-01$; $I^2=25.02$

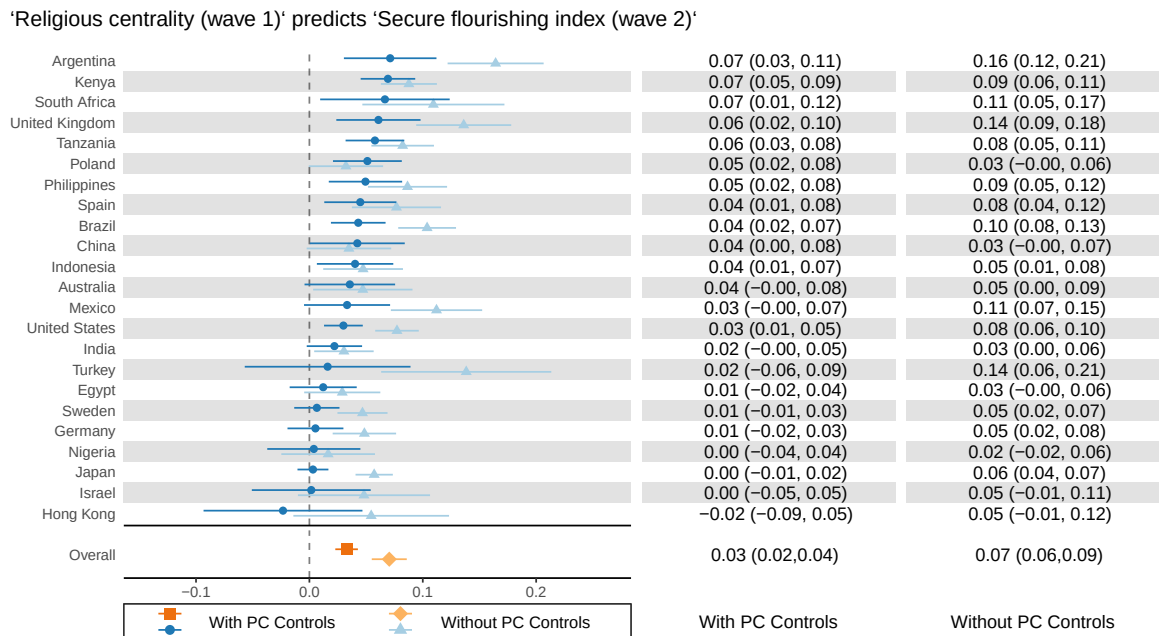
Figure S72. Heterogeneity in the effects of Belief in god/gods/spiritual forces (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Belief in god/gods/spiritual forces (wave 1)' predicts 'Secure flourishing index (wave 2)'



PCs Excluded; $\tau^2=0.032$; Q-profile 95% CI [0.018, 0.045]; $Q(df=21)=83.12$, $p=2.41e-09$; $I^2=80.76$;
 Excluded countries: Egypt
 PCs Included; $\tau^2=0.019$; Q-profile 95% CI [0.010, 0.028]; $Q(df=21)=50.62$, $p=2.99e-04$; $I^2=67.18$;
 Excluded countries: Egypt

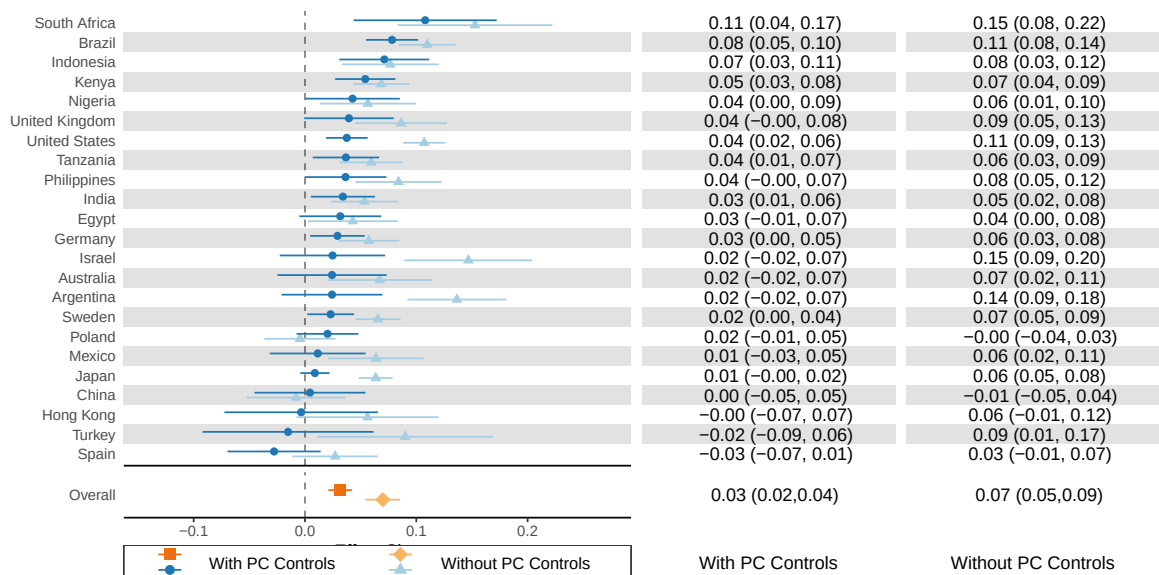
Figure S73. Heterogeneity in the effects of Religious centrality (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.033$; Q-profile 95% CI [0.020, 0.047]; Q(df=22)=89.88, $p=3.59e-10$; $I^2=80.71$
PCs Included; $\tau^2=0.018$; Q-profile 95% CI [0.011, 0.028]; Q(df=22)=59.86, $p=2.35e-05$; $I^2=59.77$

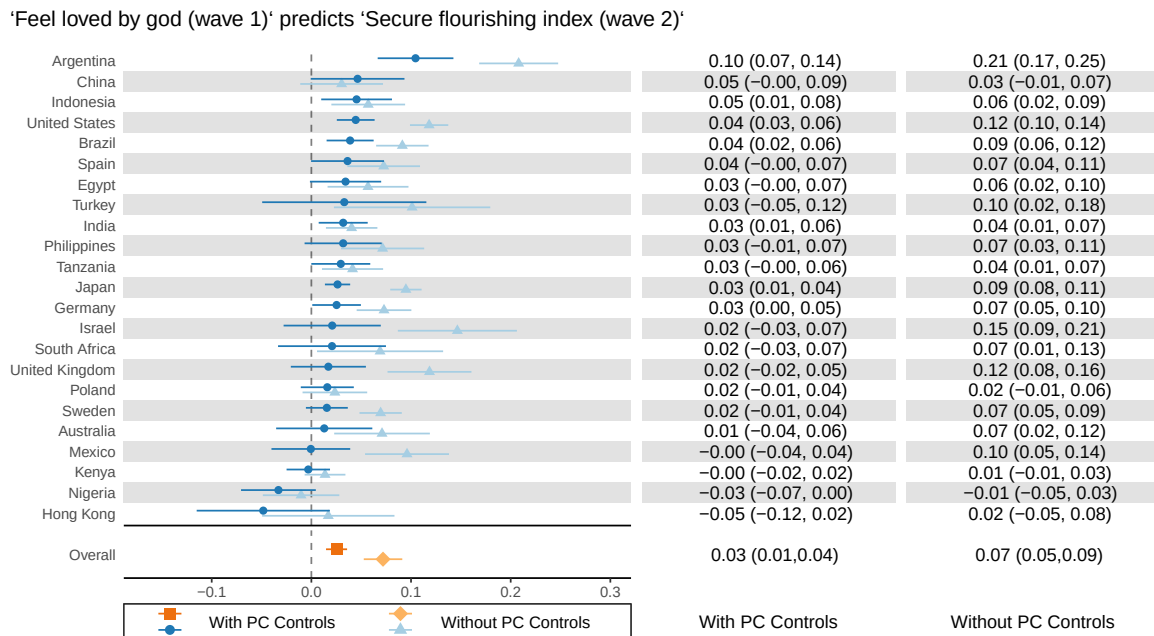
Figure S74. *Heterogeneity in the effects of Religious/spiritual comfort (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

'Religious/spiritual comfort (wave 1)' predicts 'Secure flourishing index (wave 2)'



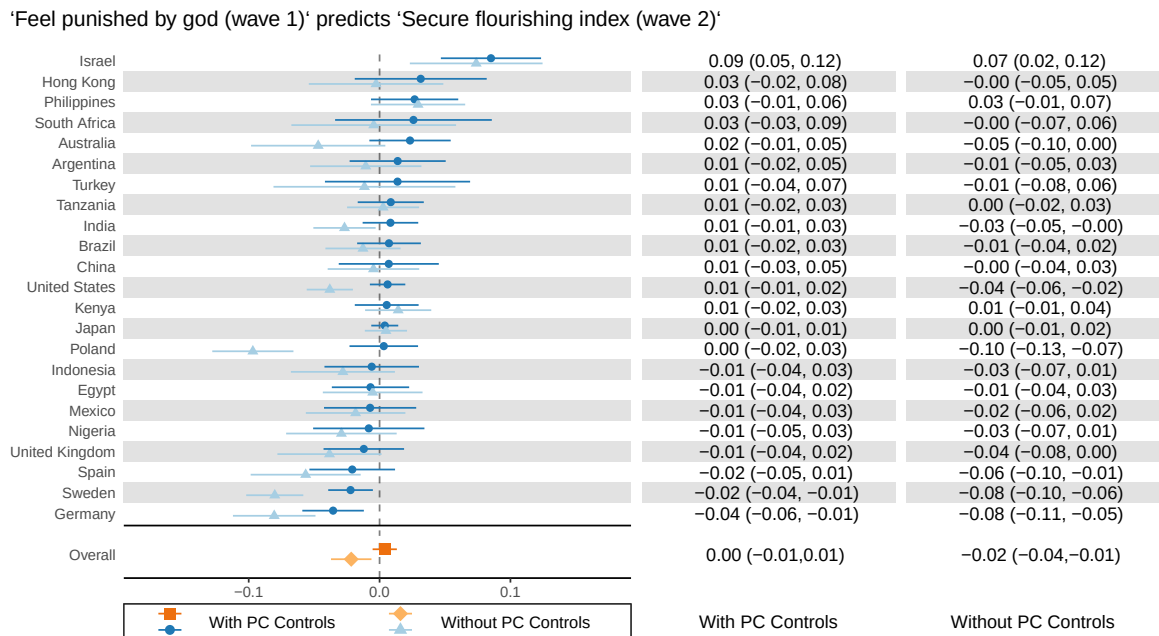
PCs Excluded; $\tau^2=0.033$; Q-profile 95% CI [0.020, 0.047]; Q(df=22)=90.65, $p=2.66 \times 10^{-10}$; $I^2=80.26$
PCs Included; $\tau^2=0.019$; Q-profile 95% CI [0.008, 0.029]; Q(df=22)=53.45, $p=1.97 \times 10^{-4}$; $I^2=58.95$

Figure S75. Heterogeneity in the effects of *Feel loved by god (wave 1)* on *Secure flourishing index (Wave 2)* scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df)*SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



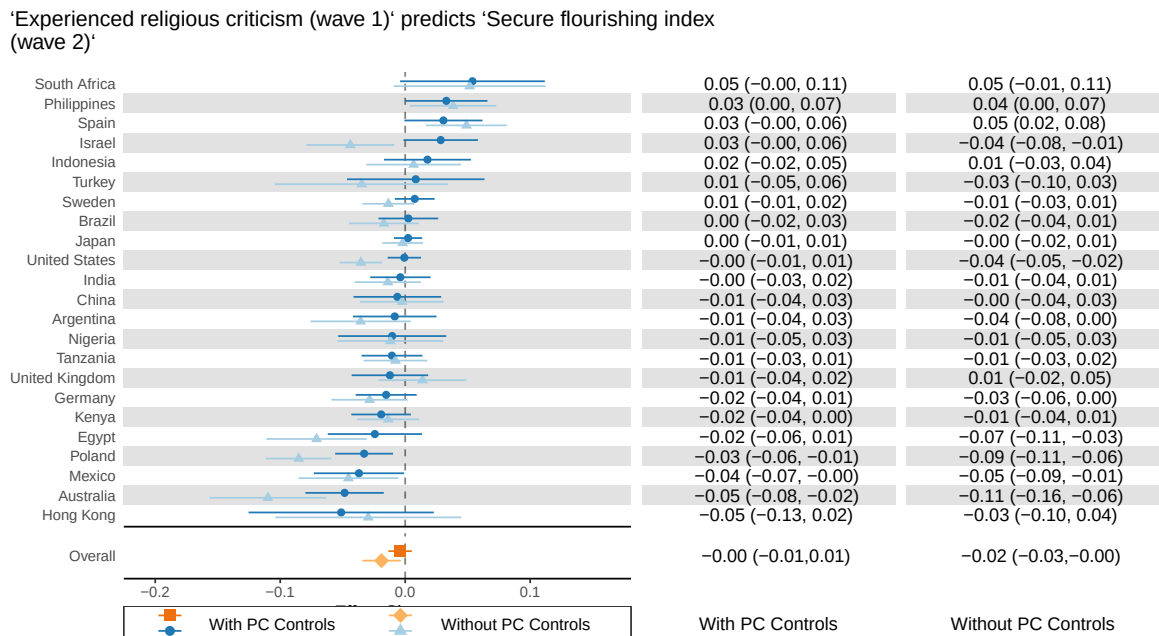
PCs Excluded; $\tau^2 = 0.043$; Q-profile 95% CI [0.030, 0.061]; Q(df=22)=165.68, $p < 2e-16$; $I^2 = 88.00$
PCs Included; $\tau^2 = 0.019$; Q-profile 95% CI [0.008, 0.030]; Q(df=22)=49.41, $p = 7.04e-04$; $I^2 = 62.58$

Figure S76. Heterogeneity in the effects of *Feel punished by god (wave 1)* on *Secure flourishing index (Wave 2)* scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \times SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.033$; Q-profile 95% CI [0.022, 0.048]; Q(df=22)=117.04, p=6e-15; $I^2=80.98$
PCs Included; $\tau^2=0.017$; Q-profile 95% CI [0.000, 0.026]; Q(df=22)=47.45, p=1.28e-03; $I^2=63.05$

Figure S77. *Heterogeneity in the effects of Experienced religious criticism (wave 1) on Secure flourishing index (Wave 2) scores across countries.* N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.



PCs Excluded; $\tau^2=0.033$; Q-profile 95% CI [0.021, 0.047]; Q(df=22)=98.67, $p=1.1e-11$; $I^2=82.38$
PCs Included; $\tau^2=0.017$; Q-profile 95% CI [0.000, 0.025]; Q(df=22)=46.23, $p=1.85e-03$; $I^2=64.08$

Figure S78. Heterogeneity in the effects of Faith-sharing (wave 1) on Secure flourishing index (Wave 2) scores across countries. N=207919; estimated effects computed accounting for the complex sampling design separately by country. Analyses conducted for this plot: Random-effects meta-analysis of country-specific effects. The plot compares the estimates between Model 1 which controls for demographic and childhood variables only and Model 2 which controls for demographic variables, childhood variables, and the entire set of Wave 1 potential confounders. The potential confounders were included using principal components. The points represent the estimated effect size in each country. The lines represented the $\pm t(df) \cdot SE$, standard error, around the estimate; the overall pooled mean is represented by the diamond. The reported p-value for Q-statistics is necessarily 1-sided because of the use of the chi-squared distribution to test whether heterogeneity is greater than zero (i.e., a two-sided test is not applicable). No adjustments were made for multiple testing.

