

Online Supplement

This supplement provides country-specific results for all 22 countries included in the analyses reported in the main text. For each country, three tables are provided: (a) nationally representative descriptive statistics for all predictor and outcome variables (Tables S1a–S22a); (b) country-specific weighted modified Poisson regression results for both outcomes — completion of 16 or more years of education and high-school equivalence — reported on the log-risk ratio scale with 95% confidence intervals, standard errors, and global p-values (Tables S1b–S22b); and (c) E-value sensitivity analyses for both outcomes (Tables S1c–S22c). Table S23 presents population-weighted meta-analytic results for both outcomes, and Table S24 presents corresponding E-values. Table S25 presents random-effects meta-analytic results for the high-school equivalence outcome, and Table S26 presents corresponding E-values. Forest plots for all meta-analyzed associations are provided in Part 2. All country-specific regression estimates are on the log-risk ratio scale; exponentiated estimates (risk ratios) are reported in the main text meta-analytic tables.

Part 1. Country-Specific Results and Supplementary Analyses

Table S1a.

Nationally representative descriptive statistics for Argentina.

Argentina	
Characteristic	N = 6,724 ¹
Education (years)	
Up to 8 years	2,263 (34%)
9 to 15 years	3,823 (57%)
16 or more years	635 (9.4%)
(Missing)	3 (<0.1%)
Education high school equivalency	
Did not complete highschool	3,525 (52%)
Highschool equivalence or higher	3,197 (48%)
(Missing)	3 (<0.1%)
Age group	
18-24	1,108 (16%)
25-29	719 (11%)
30-39	1,432 (21%)
40-49	1,254 (19%)
50-59	1,014 (15%)
60-69	730 (11%)
70-79	356 (5.3%)
80 or older	112 (1.7%)
(Missing)	0 (0%)
Gender	
Female	3,542 (53%)
Male	3,143 (47%)
Other	21 (0.3%)
Prefer not to answer	4 (<0.1%)
(Missing)	13 (0.2%)
Race/Ethnicity	
Argentina: Asian	43 (0.6%)
Argentina: Black	95 (1.4%)

Characteristic	N = 6,724 ¹
Argentina: Indigenous	129 (1.9%)
Argentina: Mestizo(a)	1,801 (27%)
Argentina: Mullato(a)	75 (1.1%)
Argentina: White	3,406 (51%)
Other	104 (1.5%)
Prefer not to answer	640 (9.5%)
(Missing)	430 (6.4%)
Immigration status	
Born in another country	348 (5.2%)
Born in this country	6,346 (95%)
(Missing)	29 (0.4%)
Relationship with mother growing up	
Very good	4,463 (67%)
Somewhat good	1,436 (21%)
Somewhat bad	299 (4.5%)
Very bad	216 (3.2%)
(Does not apply)	273 (4.1%)
(Missing)	36 (0.5%)
Relationship with father growing up	
Very good	3,612 (54%)
Somewhat good	1,537 (23%)
Somewhat bad	440 (6.6%)
Very bad	401 (6.0%)
(Does not apply)	694 (10%)
(Missing)	39 (0.6%)
Parent marital status at age 12	
No, divorced	637 (9.7%)
No, one or both of them had died	199 (3.0%)
No, they were never married	1,368 (21%)
Unsure	237 (3.6%)
Yes, married	4,110 (63%)
(Missing)	174 (2.6%)
Subjective financial status of family growing up	
Found it difficult	1,789 (27%)
Found it very difficult	569 (8.5%)
Got by	2,305 (34%)
Lived comfortably	2,042 (30%)
(Missing)	19 (0.3%)
Abuse	
No	5,271 (80%)
Yes	1,302 (20%)
(Missing)	151 (2.2%)
Outsider growing up	
(Does not apply)	68 (1.0%)
No	5,458 (82%)
Yes	1,165 (17%)
(Missing)	33 (0.5%)

Characteristic	N = 6,724 ¹
Self-rated health growing up	
Excellent	2,402 (36%)
Fair	505 (7.5%)
Good	1,830 (27%)
Poor	156 (2.3%)
Very good	1,819 (27%)
(Missing)	12 (0.2%)
Age 12 religious service attendance	
At least once a week	2,601 (39%)
Less than once a month	1,059 (16%)
Never	1,808 (27%)
One to three times a month	1,204 (18%)
(Missing)	53 (0.8%)
Religious affiliation at age 12	
Baha'i	0 (0%)
Buddhism	3 (<0.1%)
Chinese folk/traditional religion	0 (0%)
Christianity	5,805 (88%)
Confucianism	0 (0%)
Hinduism	2 (<0.1%)
Islam	11 (0.2%)
Jainism	0 (0%)
Judaism	51 (0.8%)
No religion/Atheist/Agnostic	697 (11%)
Primal, Animist, or Folk religion	17 (0.3%)
Shinto	0 (0%)
Sikhism	5 (<0.1%)
Some other religion	10 (0.2%)
Spiritism	0 (0%)
Taoism	1 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	122 (1.8%)

¹n (%)

Table S1b*Childhood predictors regression analysis results for Argentina (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.217				0.221
	Very good/somewhat good	-0.22	(-0.57,0.13)	0.18		0.09	(-0.06,0.24)	0.08	
Relationship with father	(Ref: Very bad/somewhat bad)				0.181				0.305
	Very good/somewhat good	0.21	(-0.10,0.53)	0.16		0.06	(-0.05,0.17)	0.06	
Parent marital status	(Ref: Parents married)				6.38e-07				1.29e-07
	No, divorced	-0.20	(-0.50,0.10)	0.15		-0.06	(-0.18,0.06)	0.06	
	No, one or both of them had died	0.18	(-0.27,0.63)	0.23		0.02	(-0.20,0.24)	0.11	
	No, they were never married	-0.90	(-1.24,-0.57)	0.17		-0.30	(-0.40,-0.19)	0.05	
Subjective financial status of family growing up	(Ref: Got by)				1.68e-07				4.49e-13
	Found it difficult	-0.45	(-0.67,-0.22)	0.12		-0.23	(-0.32,-0.13)	0.05	
	Found it very difficult	-0.66	(-1.17,-0.14)	0.26		-0.54	(-0.73,-0.35)	0.10	
	Lived comfortably	0.18	(0.00,0.37)	0.09		0.06	(-0.02,0.13)	0.04	
Abuse	(Ref: No)				0.893				0.014
	Yes	-0.01	(-0.23,0.22)	0.12		0.11	(0.02,0.20)	0.04	
Outsider growing up	(Ref: No)				0.100				0.052
	Yes	-0.24	(-0.53,0.05)	0.15		-0.11	(-0.22,0.00)	0.06	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.029				7.25e-07
	Excellent	0.30	(0.08,0.53)	0.11		0.24	(0.15,0.34)	0.05	
	Fair	-0.11	(-0.50,0.28)	0.20		0.14	(-0.02,0.30)	0.08	
	Poor	0.10	(-0.78,0.98)	0.45		-0.08	(-0.40,0.24)	0.16	
	Very good	0.22	(-0.02,0.46)	0.12		0.26	(0.16,0.35)	0.05	
Immigration status	(Ref: Born in this country)				1.90e-04				0.040
	Born in another country	0.63	(0.30,0.96)	0.17		0.15	(0.01,0.29)	0.07	
Age 12 religious service attendance	(Ref: Never)				0.047				1.86e-05
	At least once a week	0.23	(0.01,0.45)	0.11		0.14	(0.05,0.23)	0.05	
	Less than once a month	0.37	(0.10,0.64)	0.14		0.24	(0.13,0.34)	0.05	
	One to three times a month	0.24	(-0.01,0.49)	0.13		0.04	(-0.07,0.15)	0.06	
	(Ref: 1998-2005; current age: 18-24)				1.53e-06				3.98e-05
Year of birth	1993-1998; age 25-29	1.12	(0.57,1.66)	0.28		-0.09	(-0.21,0.04)	0.06	
	1983-1993; age 30-39	1.41	(0.91,1.91)	0.26		-0.11	(-0.22,0.00)	0.06	
	1973-1983; age 40-49	1.21	(0.71,1.72)	0.26		-0.18	(-0.29,-0.07)	0.06	
	1963-1973; age 50-59	1.16	(0.64,1.68)	0.27		-0.16	(-0.28,-0.04)	0.06	
	1953-1963; age 60-69	1.25	(0.71,1.78)	0.27		-0.19	(-0.33,-0.05)	0.07	
	1943-1953; age 70-79	0.84	(0.21,1.46)	0.32		-0.46	(-0.66,-0.25)	0.11	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	0.48	(-0.41,1.36)	0.45	0.912	-0.67	(-1.07,-0.28)	0.20	0.040
	Female	-0.02	(-0.19,0.16)	0.09		0.08	(0.01,0.15)	0.04	
	Other	0.20	(-0.97,1.37)	0.60		0.30	(-0.28,0.88)	0.30	
Religious affiliation	(Ref: No religion/Atheist/A gnostic)				0.079				0.692
	Christianity	-0.10	(-0.43,0.22)	0.17		-0.05	(-0.18,0.07)	0.06	
	Collapsed affiliations with prevalence<3%	0.41	(-0.16,0.99)	0.29		-0.05	(-0.39,0.29)	0.18	
Race/ethnicity	(Ref: Plurality group)				1.44e-14				6.84e-09
	Non-plurality groups	-0.71	(-0.96,-0.47)	0.12		-0.20	(-0.35,-0.06)	0.07	

Table S1c*Sensitivity to unmeasured confounding of childhood predictors in Argentina*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.79	1.00	1.41	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.77	1.00	1.30	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.73	1.00	1.31	1.00
	No, one or both of them had died	1.68	1.00	1.18	1.00
	No, they were never married	4.36	2.92	2.03	1.72
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	2.50	1.80	1.82	1.55
	Found it very difficult	3.28	1.58	2.84	2.20
	Lived comfortably	1.69	1.05	1.31	1.00
Abuse	(Ref: No)				
	Yes	1.11	1.00	1.47	1.17
Outsider growing up	(Ref: No)				
	Yes	1.87	1.00	1.47	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	2.05	1.38	1.87	1.59
	Fair	1.47	1.00	1.57	1.00
	Poor	1.44	1.00	1.38	1.00
	Very good	1.80	1.00	1.91	1.62
Immigration status	(Ref: Born in this country)				
	Born in another country	3.16	2.03	1.59	1.08
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.84	1.11	1.57	1.27

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	2.26	1.46	1.85	1.55
	One to three times a month	1.85	1.00	1.26	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	5.56	2.95	1.40	1.00
	1983-1993; age 30-39	7.68	4.41	1.47	1.00
	1973-1983; age 40-49	6.17	3.48	1.69	1.35
	1963-1973; age 50-59	5.83	3.20	1.63	1.25
	1953-1963; age 60-69	6.41	3.48	1.70	1.27
	1943-1953; age 70-79	4.06	1.78	2.53	1.89
	1943 or earlier; age 80+	2.60	1.00	3.34	1.97
Gender	(Ref: Male)				
	Female	1.14	1.00	1.40	1.14
	Other	1.74	1.00	2.03	1.00
Religious affiliation	(Ref: No religion/Atheist/Agnostic)				
	Christianity	1.45	1.00	1.29	1.00
	Collapsed affiliations with prevalence<3%	2.39	1.00	1.28	1.00
Race/ethnicity	(Ref: Plurality group)				
	Non-plurality groups	3.50	2.58	1.75	1.30

Table S2a*Nationally representative descriptive statistics for Australia*

Australia	
Characteristic	N = 3,844¹
Education (years)	
Up to 8 years	70 (1.8%)
9 to 15 years	2,434 (63%)
16 or more years	1,330 (35%)
(Missing)	10 (0.3%)
Education highschool equivalency	
Did not complete highschool	679 (18%)
Highschool equivalence or higher	3,155 (82%)
(Missing)	10 (0.3%)
Age group	
18-24	345 (9.0%)
25-29	282 (7.3%)
30-39	641 (17%)
40-49	618 (16%)
50-59	691 (18%)
60-69	589 (15%)
70-79	498 (13%)
80 or older	178 (4.6%)
(Missing)	2 (<0.1%)
Gender	
Female	1,941 (50%)
Male	1,861 (48%)
Other	36 (0.9%)
Prefer not to answer	6 (0.2%)
(Missing)	0 (0%)
Race/Ethnicity	
Australia: Aboriginal	53 (1.4%)
Australia: Australian	1,946 (51%)
Australia: Australian British/European	1,047 (27%)
Australia: Chinese	75 (1.9%)
Australia: Indian	58 (1.5%)
Australia: Japanese	1 (<0.1%)
Australia: Malay	11 (0.3%)
Australia: New Zealander	91 (2.4%)
Australia: Other European	357 (9.3%)
Australia: Russian	7 (0.2%)
Australia: Samoan	4 (0.1%)
Australia: Sinhalese	1 (<0.1%)
Australia: Spanish	2 (<0.1%)
Australia: Sri Lankan Moor	1 (<0.1%)
Australia: Sri Lankan Tamil	7 (0.2%)
Australia: Vietnamese	7 (0.2%)
Other	163 (4.2%)
(Missing)	14 (0.4%)

Characteristic	N = 3,844 ¹
Immigration status	
Born in another country	885 (23%)
Born in this country	2,953 (77%)
(Missing)	6 (0.2%)
Relationship with mother growing up	
Very good	2,554 (67%)
Somewhat good	925 (24%)
Somewhat bad	218 (5.7%)
Very bad	107 (2.8%)
(Does not apply)	32 (0.8%)
(Missing)	7 (0.2%)
Relationship with father growing up	
Very good	2,032 (53%)
Somewhat good	1,144 (30%)
Somewhat bad	315 (8.2%)
Very bad	196 (5.1%)
(Does not apply)	148 (3.9%)
(Missing)	9 (0.2%)
Parent marital status at age 12	
No, divorced	462 (12%)
No, one or both of them had died	96 (2.5%)
No, they were never married	187 (4.9%)
Unsure	12 (0.3%)
Yes, married	3,048 (80%)
(Missing)	41 (1.1%)
Subjective financial status of family growing up	
Found it difficult	422 (11%)
Found it very difficult	154 (4.0%)
Got by	1,496 (39%)
Lived comfortably	1,756 (46%)
(Missing)	16 (0.4%)
Abuse	
No	2,790 (74%)
Yes	995 (26%)
(Missing)	59 (1.5%)
Outsider growing up	
(Does not apply)	6 (0.2%)
No	3,062 (80%)
Yes	756 (20%)
(Missing)	19 (0.5%)
Self-rated health growing up	
Excellent	1,736 (45%)
Fair	308 (8.0%)
Good	603 (16%)
Poor	106 (2.8%)
Very good	1,087 (28%)
(Missing)	4 (<0.1%)

Characteristic	N = 3,844 ¹
Age 12 religious service attendance	
At least once a week	1,362 (36%)
Less than once a month	600 (16%)
Never	1,307 (35%)
One to three times a month	486 (13%)
(Missing)	90 (2.3%)
Religious affiliation at age 12	
Baha'i	5 (0.1%)
Buddhism	16 (0.4%)
Chinese folk/traditional religion	0 (0%)
Christianity	2,678 (70%)
Confucianism	0 (0%)
Hinduism	39 (1.0%)
Islam	48 (1.3%)
Jainism	0 (0%)
Judaism	29 (0.8%)
No religion/Atheist/Agnostic	990 (26%)
Primal, Animist, or Folk religion	4 (0.1%)
Shinto	0 (0%)
Sikhism	6 (0.2%)
Some other religion	8 (0.2%)
Spiritism	0 (0%)
Taoism	1 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	21 (0.5%)

¹n (%)

Table S2b*Childhood predictors regression analysis results for Australia (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.654				0.908
	Very good/somewhat good	-0.05	(-0.26,0.16)	0.11		-0.00	(-0.08,0.08)	0.04	
Relationship with father	(Ref: Very bad/somewhat bad)				0.148				0.779
	Very good/somewhat good	-0.12	(-0.29,0.05)	0.08		0.01	(-0.06,0.08)	0.04	
Parent marital status	(Ref: Parents married)				0.032				0.273
	No, divorced	-0.26	(-0.44,-0.07)	0.09		-0.05	(-0.12,0.02)	0.03	
	No, one or both of them had died	-0.17	(-0.56,0.23)	0.20		-0.08	(-0.25,0.10)	0.09	
	No, they were never married	-0.22	(-0.53,0.09)	0.16		-0.07	(-0.17,0.03)	0.05	
Subjective financial status of family growing up	(Ref: Got by)				8.90e-04				0.066
	Found it difficult	0.02	(-0.16,0.20)	0.09		-0.02	(-0.09,0.05)	0.04	
	Found it very difficult	-0.46	(-0.83,-0.09)	0.19		-0.16	(-0.32,-0.01)	0.08	
	Lived comfortably	0.15	(0.05,0.25)	0.05		0.02	(-0.02,0.06)	0.02	
Abuse	(Ref: No)				0.016				0.565
	Yes	-0.15	(-0.27,-0.03)	0.06		-0.01	(-0.06,0.03)	0.02	
Outsider growing up	(Ref: No)				0.004				0.788
	Yes	-0.22	(-0.37,-0.07)	0.08		-0.01	(-0.06,0.05)	0.03	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.130				0.674
	Excellent	0.12	(-0.01,0.26)	0.07		-0.01	(-0.06,0.05)	0.03	
	Fair	-0.13	(-0.38,0.12)	0.13		0.01	(-0.07,0.08)	0.04	
	Poor	0.02	(-0.37,0.42)	0.20		-0.10	(-0.26,0.06)	0.08	
	Very good	0.06	(-0.09,0.20)	0.08		-0.02	(-0.08,0.03)	0.03	
Immigration status	(Ref: Born in this country)				0.141				0.020
	Born in another country	0.09	(-0.03,0.22)	0.06		0.05	(0.01,0.10)	0.02	
Age 12 religious service attendance	(Ref: Never)				8.62e-06				0.016
	At least once a week	0.27	(0.14,0.41)	0.07		0.06	(0.01,0.12)	0.03	
	Less than once a month	0.17	(0.01,0.32)	0.08		0.03	(-0.03,0.09)	0.03	
	One to three times a month	0.37	(0.21,0.52)	0.08		0.09	(0.03,0.16)	0.03	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	1.09	(0.79,1.40)	0.16		0.03	(-0.02,0.09)	0.03	
	1983-1993; age 30-39	1.08	(0.79,1.37)	0.15		0.02	(-0.03,0.08)	0.03	
	1973-1983; age 40-49	0.91	(0.63,1.20)	0.15		-0.01	(-0.07,0.05)	0.03	
	1963-1973; age 50-59	0.63	(0.33,0.92)	0.15		-0.13	(-0.20,-0.06)	0.04	
	1953-1963; age 60-69	0.46	(0.17,0.76)	0.15		-0.23	(-0.30,-0.15)	0.04	
	1943-1953; age 70-79	0.12	(-0.19,0.43)	0.16		-0.49	(-0.60,-0.39)	0.05	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	-0.08	(-0.44,0.27)	0.18	4.41e-07	-0.56	(-0.73,-0.40)	0.08	8.68e-04
	Female	0.26	(0.16,0.35)	0.05		-0.03	(-0.07,0.01)	0.02	
	Other	0.02	(-0.62,0.65)	0.32		0.09	(0.03,0.16)	0.03	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Christianity	-0.21	(-0.34,-0.07)	0.07	4.36e-05	-0.04	(-0.09,0.01)	0.02	0.092
	Collapsed affiliations with prevalence<3%	0.15	(-0.05,0.35)	0.10		0.01	(-0.06,0.08)	0.03	
	(Ref: Plurality group)								
Race/ethnicity	Non-plurality groups	0.20	(0.07,0.33)	0.07	0.002	-0.01	(-0.06,0.04)	0.02	0.636

Table S2c*Sensitivity to unmeasured confounding of childhood predictors in Australia*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.27	1.00	1.03	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.51	1.00	1.10	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.92	1.36	1.29	1.00
	No, one or both of them had died	1.64	1.00	1.37	1.00
	No, they were never married	1.80	1.00	1.34	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.18	1.00	1.16	1.00
	Found it very difficult	2.54	1.40	1.64	1.12
	Lived comfortably	1.58	1.27	1.18	1.00
Abuse	(Ref: No)				
	Yes	1.59	1.20	1.13	1.00
Outsider growing up	(Ref: No)				
	Yes	1.80	1.34	1.09	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.52	1.00	1.09	1.00
	Fair	1.53	1.00	1.08	1.00
	Poor	1.18	1.00	1.44	1.00
	Very good	1.30	1.00	1.17	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	1.43	1.00	1.30	1.10
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.96	1.56	1.33	1.11

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.65	1.13	1.21	1.00
	One to three times a month	2.25	1.77	1.43	1.22
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	5.41	3.81	1.23	1.00
	1983-1993; age 30-39	5.33	3.85	1.18	1.00
	1973-1983; age 40-49	4.43	3.15	1.12	1.00
	1963-1973; age 50-59	3.15	2.14	1.54	1.33
	1953-1963; age 60-69	2.55	1.65	1.83	1.60
	1943-1953; age 70-79	1.50	1.00	2.65	2.31
	1943 or earlier; age 80+	1.40	1.00	2.90	2.33
Gender	(Ref: Male)				
	Female	1.91	1.64	1.20	1.00
	Other	1.15	1.00	1.42	1.19
Religious affiliation	(Ref: No religion/Atheist/Agnostic)				
	Christianity	1.76	1.36	1.25	1.00
	Collapsed affiliations with prevalence<3%	1.59	1.00	1.11	1.00
Race/ethnicity	(Ref: Plurality group)				
	Non-plurality groups	1.74	1.36	1.12	1.00

Table S3a*Nationally representative descriptive statistics for Brazil*

Brazil	
Characteristic	N = 13,204¹
Education (years)	
Up to 8 years	3,139 (24%)
9 to 15 years	7,665 (58%)
16 or more years	2,390 (18%)
(Missing)	10 (<0.1%)
Education highschool equivalency	
Did not complete highschool	5,916 (45%)
Highschool equivalence or higher	7,278 (55%)
(Missing)	10 (<0.1%)
Age group	
18-24	1,986 (15%)
25-29	1,468 (11%)
30-39	2,908 (22%)
40-49	2,638 (20%)
50-59	2,131 (16%)
60-69	1,435 (11%)
70-79	510 (3.9%)
80 or older	126 (1.0%)
(Missing)	0 (0%)
Gender	
Female	6,820 (52%)
Male	6,320 (48%)
Other	35 (0.3%)
Prefer not to answer	23 (0.2%)
(Missing)	7 (<0.1%)
Race/Ethnicity	
Brazil: Amarela	238 (1.8%)
Brazil: Branca	5,169 (39%)
Brazil: Indígena	131 (1.0%)
Brazil: Parda	5,125 (39%)
Brazil: Preta	1,615 (12%)
Other	61 (0.5%)
Prefer not to answer	473 (3.6%)
(Missing)	393 (3.0%)
Immigration status	
Born in another country	153 (1.2%)
Born in this country	12,688 (99%)
(Missing)	363 (2.7%)
Relationship with mother growing up	
Very good	8,369 (64%)
Somewhat good	3,559 (27%)
Somewhat bad	483 (3.7%)
Very bad	214 (1.6%)
(Does not apply)	507 (3.9%)

Characteristic	N = 13,204 ¹
(Missing)	73 (0.6%)
Relationship with father growing up	
Very good	6,364 (49%)
Somewhat good	3,654 (28%)
Somewhat bad	1,035 (7.9%)
Very bad	756 (5.8%)
(Does not apply)	1,303 (9.9%)
(Missing)	93 (0.7%)
Parent marital status at age 12	
No, divorced	1,384 (11%)
No, one or both of them had died	508 (4.0%)
No, they were never married	1,985 (16%)
Unsure	335 (2.6%)
Yes, married	8,546 (67%)
(Missing)	446 (3.4%)
Subjective financial status of family growing up	
Found it difficult	2,484 (19%)
Found it very difficult	1,027 (7.8%)
Got by	4,616 (35%)
Lived comfortably	4,998 (38%)
(Missing)	79 (0.6%)
Abuse	
No	10,147 (80%)
Yes	2,606 (20%)
(Missing)	451 (3.4%)
Outsider growing up	
(Does not apply)	229 (1.7%)
No	11,234 (86%)
Yes	1,659 (13%)
(Missing)	82 (0.6%)
Self-rated health growing up	
Excellent	5,312 (40%)
Fair	1,368 (10%)
Good	2,873 (22%)
Poor	228 (1.7%)
Very good	3,392 (26%)
(Missing)	30 (0.2%)
Age 12 religious service attendance	
At least once a week	6,306 (48%)
Less than once a month	2,629 (20%)
Never	1,707 (13%)
One to three times a month	2,491 (19%)
(Missing)	71 (0.5%)
Religious affiliation at age 12	
Baha'i	1 (<0.1%)
Buddhism	27 (0.2%)
Chinese folk/traditional religion	0 (0%)

Characteristic	N = 13,204 ¹
Christianity	11,403 (87%)
Confucianism	7 (<0.1%)
Hinduism	1 (<0.1%)
Islam	15 (0.1%)
Jainism	4 (<0.1%)
Judaism	40 (0.3%)
No religion/Atheist/Agnostic	908 (6.9%)
Primal, Animist, or Folk religion	17 (0.1%)
Shinto	4 (<0.1%)
Sikhism	0 (0%)
Some other religion	87 (0.7%)
Spiritism	336 (2.6%)
Taoism	1 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	262 (2.0%)
(Missing)	94 (0.7%)

¹n (%)

Table S3b*Childhood predictors regression analysis results for Brazil (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.099				0.049
	Very good/somewhat good	0.18	(-0.04,0.39)	0.11		0.09	(-0.00,0.18)	0.05	
Relationship with father	(Ref: Very bad/somewhat bad)				0.873				0.667
	Very good/somewhat good	0.00	(-0.14,0.14)	0.07		-0.01	(-0.07,0.05)	0.03	
Parent marital status	(Ref: Parents married)				6.52e-04				3.34e-06
	No, divorced	-0.09	(-0.24,0.06)	0.08		-0.08	(-0.15,-0.01)	0.03	
	No, one or both of them had died	-0.29	(-0.61,0.04)	0.17		-0.04	(-0.16,0.09)	0.06	
	No, they were never married	-0.36	(-0.54,-0.18)	0.09		-0.18	(-0.25,-0.11)	0.04	
Subjective financial status of family growing up	(Ref: Got by)				< 2e-16				< 2e-16
	Found it difficult	-0.16	(-0.31,-0.00)	0.08		-0.15	(-0.21,-0.08)	0.03	
	Found it very difficult	-0.26	(-0.48,-0.04)	0.11		-0.27	(-0.38,-0.17)	0.05	
	Lived comfortably	0.40	(0.30,0.51)	0.05		0.14	(0.09,0.19)	0.02	
Abuse	(Ref: No)				0.022				0.003
	Yes	0.13	(0.02,0.25)	0.06		0.08	(0.03,0.13)	0.03	
Outsider growing up	(Ref: No)				0.176				0.593
	Yes	0.09	(-0.05,0.23)	0.07		0.02	(-0.05,0.08)	0.03	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				8.84e-04				0.001
	Excellent	0.08	(-0.05,0.20)	0.07		0.03	(-0.02,0.09)	0.03	
	Fair	-0.28	(-0.47,-0.08)	0.10		-0.07	(-0.16,0.01)	0.04	
	Poor	-0.38	(-0.83,0.08)	0.23		-0.27	(-0.47,-0.07)	0.10	
	Very good	0.07	(-0.06,0.21)	0.07		0.05	(-0.01,0.11)	0.03	
Immigration status	(Ref: Born in this country)				0.828				0.336
	Born in another country	-0.00	(-0.47,0.46)	0.24		0.07	(-0.10,0.24)	0.09	
Age 12 religious service attendance	(Ref: Never)				9.34e-04				0.003
	At least once a week	0.35	(0.17,0.53)	0.09		0.12	(0.04,0.19)	0.04	
	Less than once a month	0.34	(0.15,0.53)	0.10		0.12	(0.04,0.20)	0.04	
	One to three times a month	0.26	(0.07,0.46)	0.10		0.05	(-0.03,0.14)	0.04	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				2.13e-04
Year of birth	1993-1998; age 25-29	1.17	(0.92,1.43)	0.13		-0.11	(-0.18,-0.03)	0.04	
	1983-1993; age 30-39	1.58	(1.33,1.83)	0.13		0.01	(-0.05,0.07)	0.03	
	1973-1983; age 40-49	1.61	(1.36,1.86)	0.13		0.03	(-0.03,0.09)	0.03	
	1963-1973; age 50-59	1.58	(1.32,1.84)	0.13		-0.01	(-0.08,0.06)	0.04	
	1953-1963; age 60-69	1.62	(1.35,1.90)	0.14		-0.05	(-0.14,0.04)	0.05	
	1943-1953; age 70-79	1.53	(1.20,1.87)	0.17		-0.25	(-0.41,-0.09)	0.08	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	1.91	(1.47,2.35)	0.22	0.012	-0.20	(-0.49,0.08)	0.15	0.094
	Female	0.12	(0.03,0.21)	0.05		0.04	(0.00,0.08)	0.02	
	Other	0.54	(-0.06,1.15)	0.31		0.12	(-0.23,0.47)	0.18	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Christianity	0.32	(0.09,0.54)	0.12	0.022	0.17	(0.08,0.27)	0.05	3.70e-06
	Collapsed affiliations with prevalence<3%	0.33	(0.04,0.61)	0.14		-0.01	(-0.14,0.12)	0.07	
	(Ref: Plurality group)								
Race/ethnicity	Non-plurality groups	-0.53	(-0.63,-0.42)	0.06	< 2e-16	-0.17	(-0.23,-0.12)	0.03	2.22e-16

Table S3c*Sensitivity to unmeasured confounding of childhood predictors in Brazil*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.67	1.00	1.42	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.01	1.00	1.12	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.42	1.00	1.39	1.13
	No, one or both of them had died	2.00	1.00	1.24	1.00
	No, they were never married	2.22	1.67	1.68	1.47
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.61	1.05	1.59	1.39
	Found it very difficult	1.92	1.25	1.95	1.64
	Lived comfortably	2.35	2.03	1.56	1.43
Abuse	(Ref: No)				
	Yes	1.55	1.15	1.37	1.19
Outsider growing up	(Ref: No)				
	Yes	1.42	1.00	1.14	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.37	1.00	1.21	1.00
	Fair	1.96	1.39	1.36	1.00
	Poor	2.28	1.00	1.94	1.35
	Very good	1.36	1.00	1.28	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	1.05	1.00	1.35	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	2.19	1.66	1.50	1.25

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	2.16	1.59	1.50	1.23
	One to three times a month	1.93	1.35	1.29	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	5.91	4.44	1.46	1.21
	1983-1993; age 30-39	9.20	7.02	1.13	1.00
	1973-1983; age 40-49	9.49	7.27	1.20	1.00
	1963-1973; age 50-59	9.17	6.92	1.11	1.00
	1953-1963; age 60-69	9.63	7.20	1.28	1.00
	1943-1953; age 70-79	8.74	6.09	1.89	1.42
Gender	1943 or earlier; age 80+	13.02	8.19	1.75	1.00
	(Ref: Male)				
	Female	1.51	1.20	1.26	1.06
Religious affiliation	Other	2.84	1.00	1.50	1.00
	(Ref: No religion/Atheist/Agnostic)				
	Christianity	2.08	1.41	1.66	1.37
Race/ethnicity	Collapsed affiliations with prevalence<3%	2.12	1.26	1.10	1.00
	(Ref: Plurality group)				
	Non-plurality groups	2.77	2.40	1.67	1.50

Table S4a*Nationally representative descriptive statistics for Egypt*

Egypt	
Characteristic	N = 4,729 ¹
Education (years)	
Up to 8 years	2,486 (53%)
9 to 15 years	1,599 (34%)
16 or more years	643 (14%)
(Missing)	1 (<0.1%)
Education highschool equivalency	
Did not complete highschool	2,877 (61%)
Highschool equivalence or higher	1,851 (39%)
(Missing)	1 (<0.1%)
Age group	
18-24	960 (20%)
25-29	607 (13%)
30-39	1,204 (25%)
40-49	897 (19%)
50-59	613 (13%)
60-69	387 (8.2%)
70-79	54 (1.1%)
80 or older	7 (0.2%)
(Missing)	0 (0%)
Gender	
Female	2,334 (49%)
Male	2,394 (51%)
Other	0 (0%)
Prefer not to answer	0 (<0.1%)
(Missing)	0 (0%)
Race/Ethnicity	
Egypt: Arab	4,585 (97%)
Egypt: Bedouin Arab	4 (<0.1%)
Egypt: Greek	1 (<0.1%)
Egypt: Nubian	27 (0.6%)
Egypt: Turkish	9 (0.2%)
(Missing)	102 (2.2%)
Immigration status	
Born in another country	16 (0.3%)
Born in this country	4,713 (100%)
(Missing)	1 (<0.1%)
Relationship with mother growing up	
Very good	4,110 (87%)
Somewhat good	505 (11%)
Somewhat bad	21 (0.4%)
Very bad	10 (0.2%)
(Does not apply)	83 (1.8%)
Relationship with father growing up	
Very good	3,713 (79%)

Characteristic	N = 4,729 ¹
Somewhat good	683 (14%)
Somewhat bad	56 (1.2%)
Very bad	30 (0.6%)
(Does not apply)	233 (4.9%)
(Missing)	14 (0.3%)
Parent marital status at age 12	
No, divorced	131 (2.8%)
No, one or both of them had died	485 (10%)
No, they were never married	9 (0.2%)
Unsure	30 (0.6%)
Yes, married	4,049 (86%)
(Missing)	25 (0.5%)
Subjective financial status of family growing up	
Found it difficult	857 (18%)
Found it very difficult	268 (5.7%)
Got by	2,352 (50%)
Lived comfortably	1,251 (26%)
(Missing)	1 (<0.1%)
Abuse	
No	4,293 (91%)
Yes	405 (8.6%)
(Missing)	30 (0.6%)
Outsider growing up	
(Does not apply)	4 (<0.1%)
No	4,456 (94%)
Yes	260 (5.5%)
(Missing)	10 (0.2%)
Self-rated health growing up	
Excellent	2,687 (57%)
Fair	265 (5.6%)
Good	497 (11%)
Poor	106 (2.2%)
Very good	1,174 (25%)
(Missing)	1 (<0.1%)
Age 12 religious service attendance	
At least once a week	2,307 (49%)
Less than once a month	629 (13%)
Never	1,165 (25%)
One to three times a month	570 (12%)
(Missing)	57 (1.2%)
Religious affiliation at age 12	
Baha'i	0 (0%)
Buddhism	0 (0%)
Chinese folk/traditional religion	0 (0%)
Christianity	123 (2.6%)
Confucianism	0 (0%)
Hinduism	0 (0%)

Characteristic	N = 4,729 ¹
Islam	4,602 (97%)
Jainism	1 (<0.1%)
Judaism	0 (0%)
No religion/Atheist/Agnostic	0 (0%)
Primal, Animist, or Folk religion	0 (0%)
Shinto	0 (0%)
Sikhism	0 (0%)
Some other religion	0 (0%)
Spiritism	0 (0%)
Taoism	0 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	3 (<0.1%)

¹n (%)

Table S4b*Childhood predictors regression analysis results for Egypt (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.835				0.829
	Very good/somewhat good	0.03	(-0.63,0.69)	0.34		-0.02	(-0.42,0.37)	0.20	
Relationship with father	(Ref: Very bad/somewhat bad)				0.070				0.001
	Very good/somewhat good	0.73	(-0.06,1.53)	0.40		0.39	(0.16,0.62)	0.12	
Parent marital status	(Ref: Parents married)				0.049				8.66e-12
	No, divorced	-0.27	(-0.95,0.41)	0.35		-0.16	(-0.43,0.12)	0.14	
	No, one or both of them had died	-0.40	(-0.83,0.02)	0.22		-0.34	(-0.54,-0.15)	0.10	
	No, they were never married	0.73	(-0.03,1.49)	0.39		0.66	(0.41,0.92)	0.13	
Subjective financial status of family growing up	(Ref: Got by)				2.55e-10				1.31e-14
	Found it difficult	-0.82	(-1.20,-0.43)	0.20		-0.44	(-0.58,-0.30)	0.07	
	Found it very difficult	-1.77	(-2.66,-0.87)	0.46		-0.62	(-0.86,-0.39)	0.12	
	Lived comfortably	0.38	(0.20,0.56)	0.09		0.23	(0.15,0.31)	0.04	
Abuse	(Ref: No)				0.450				0.287
	Yes	-0.14	(-0.50,0.22)	0.18		-0.09	(-0.26,0.08)	0.09	
Outsider growing up	(Ref: No)				0.323				0.871
	Yes	-0.30	(-0.90,0.29)	0.30		-0.01	(-0.18,0.15)	0.08	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.096				0.193
	Excellent	0.03	(-0.28,0.34)	0.16		-0.02	(-0.15,0.11)	0.06	
	Fair	0.06	(-0.44,0.56)	0.26		-0.01	(-0.20,0.18)	0.10	
	Poor	-1.32	(-2.46,-0.19)	0.58		-0.24	(-0.53,0.06)	0.15	
	Very good	-0.18	(-0.52,0.15)	0.17		-0.12	(-0.26,0.01)	0.07	
Immigration status	(Ref: Born in this country)				0.553				0.366
	Born in another country	0.25	(-0.58,1.08)	0.42		-0.36	(-1.14,0.42)	0.40	
Age 12 religious service attendance	(Ref: Never)				0.002				7.92e-09
	At least once a week	0.63	(0.33,0.94)	0.16		0.42	(0.30,0.54)	0.06	
	Less than once a month	0.43	(0.06,0.81)	0.19		0.22	(0.07,0.37)	0.07	
	One to three times a month	0.58	(0.22,0.94)	0.18		0.42	(0.28,0.57)	0.07	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	0.84	(0.46,1.21)	0.19		-0.06	(-0.20,0.09)	0.07	
	1983-1993; age 30-39	0.69	(0.38,1.00)	0.16		-0.04	(-0.14,0.07)	0.05	
	1973-1983; age 40-49	0.27	(-0.11,0.65)	0.20		-0.39	(-0.52,-0.25)	0.07	
	1963-1973; age 50-59	-0.26	(-0.70,0.18)	0.22		-0.78	(-0.94,-0.61)	0.08	
	1953-1963; age 60-69	-0.25	(-0.82,0.33)	0.29		-0.74	(-0.96,-0.51)	0.12	
	1943-1953; age 70-79	0.20	(-0.80,1.21)	0.51		-0.93	(-1.71,-0.15)	0.40	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	-11.09	(-12.36,-9.81)	0.65	0.507	-13.32	(-14.34,-12.30)	0.52	0.865
	Female	0.06	(-0.11,0.22)	0.08		-0.01	(-0.10,0.08)	0.05	
Religious affiliation	(Ref: Islam)				0.964				0.693
	Collapsed affiliations with prevalence<3% (Ref: Plurality group)	-0.01	(-0.46,0.45)	0.23	0.282	0.04	(-0.17,0.25)	0.11	2.02e-09
Race/ethnicity	Non-plurality groups	-1.31	(-3.74,1.13)	1.24		0.63	(0.44,0.81)	0.10	

Table S4c*Sensitivity to unmeasured confounding of childhood predictors in Egypt*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.19	1.00	1.17	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	3.59	1.00	2.32	1.63
Parent marital status	(Ref: Parents married)				
	No, divorced	1.96	1.00	1.62	1.00
	No, one or both of them had died	2.36	1.00	2.17	1.59
	No, they were never married	3.56	1.00	3.29	2.38
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	3.95	2.45	2.48	2.03
	Found it very difficult	11.17	4.19	3.13	2.30
	Lived comfortably	2.29	1.75	1.83	1.58
Abuse	(Ref: No)				
	Yes	1.56	1.00	1.42	1.00
Outsider growing up	(Ref: No)				
	Yes	2.04	1.00	1.13	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.20	1.00	1.17	1.00
	Fair	1.32	1.00	1.14	1.00
	Poor	6.98	1.70	1.85	1.00
	Very good	1.69	1.00	1.51	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	1.89	1.00	2.23	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	3.17	2.11	2.41	2.04

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	2.46	1.32	1.80	1.37
	One to three times a month	2.98	1.81	2.42	1.97
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	4.04	2.54	1.30	1.00
	1983-1993; age 30-39	3.40	2.28	1.23	1.00
	1973-1983; age 40-49	1.95	1.00	2.31	1.89
	1963-1973; age 50-59	1.92	1.00	3.77	3.08
	1953-1963; age 60-69	1.87	1.00	3.60	2.72
	1943-1953; age 70-79	1.75	1.00	4.49	1.60
Gender	1943 or earlier; age 80+	130610.87	36574.60	1216838.84	438282.43
	(Ref: Male)				
Religious affiliation	Female	1.30	1.00	1.10	1.00
	(Ref: Islam)				
Race/ethnicity	Collapsed affiliations with prevalence<3%	1.08	1.00	1.25	1.00
	(Ref: Plurality group)				
	Non-plurality groups	6.85	1.00	3.15	2.48

Table S5a*Nationally representative descriptive statistics for Germany.*

Germany	
Characteristic	N = 9,506¹
Education (years)	
Up to 8 years	235 (2.5%)
9 to 15 years	6,094 (64%)
16 or more years	3,164 (33%)
(Missing)	13 (0.1%)
Education highschool equivalency	
Did not complete highschool	4,173 (44%)
Highschool equivalence or higher	5,321 (56%)
(Missing)	13 (0.1%)
Age group	
18-24	829 (8.7%)
25-29	774 (8.1%)
30-39	1,438 (15%)
40-49	1,494 (16%)
50-59	1,729 (18%)
60-69	1,915 (20%)
70-79	1,137 (12%)
80 or older	190 (2.0%)
(Missing)	0 (0%)
Gender	
Female	4,843 (51%)
Male	4,641 (49%)
Other	11 (0.1%)
Prefer not to answer	1 (<0.1%)
(Missing)	10 (0.1%)
Immigration status	
Born in another country	744 (7.9%)
Born in this country	8,722 (92%)
(Missing)	40 (0.4%)
Relationship with mother growing up	
Very good	5,497 (58%)
Somewhat good	3,031 (32%)
Somewhat bad	496 (5.2%)
Very bad	187 (2.0%)
(Does not apply)	241 (2.6%)
(Missing)	54 (0.6%)
Relationship with father growing up	
Very good	4,652 (49%)
Somewhat good	3,012 (32%)
Somewhat bad	846 (9.0%)
Very bad	385 (4.1%)
(Does not apply)	538 (5.7%)
(Missing)	73 (0.8%)
Parent marital status at age 12	

Characteristic	N = 9,506 ¹
No, divorced	927 (9.8%)
No, one or both of them had died	245 (2.6%)
No, they were never married	578 (6.1%)
Unsure	62 (0.7%)
Yes, married	7,620 (81%)
(Missing)	74 (0.8%)
Subjective financial status of family growing up	
Found it difficult	1,481 (16%)
Found it very difficult	314 (3.3%)
Got by	4,508 (48%)
Lived comfortably	3,177 (34%)
(Missing)	26 (0.3%)
Abuse	
No	8,321 (88%)
Yes	1,086 (12%)
(Missing)	99 (1.0%)
Outsider growing up	
(Does not apply)	114 (1.2%)
No	8,262 (87%)
Yes	1,105 (12%)
(Missing)	25 (0.3%)
Self-rated health growing up	
Excellent	2,633 (28%)
Fair	612 (6.5%)
Good	2,582 (27%)
Poor	134 (1.4%)
Very good	3,518 (37%)
(Missing)	26 (0.3%)
Age 12 religious service attendance	
At least once a week	1,943 (21%)
Less than once a month	2,887 (30%)
Never	2,749 (29%)
One to three times a month	1,899 (20%)
(Missing)	27 (0.3%)
Religious affiliation at age 12	
Baha'i	2 (<0.1%)
Buddhism	25 (0.3%)
Chinese folk/traditional religion	0 (0%)
Christianity	5,751 (61%)
Confucianism	4 (<0.1%)
Hinduism	15 (0.2%)
Islam	350 (3.7%)
Jainism	1 (<0.1%)
Judaism	18 (0.2%)
No religion/Atheist/Agnostic	3,163 (34%)
Primal, Animist, or Folk religion	19 (0.2%)
Shinto	0 (0%)

Characteristic	N = 9,506 ¹
Sikhism	5 (<0.1%)
Some other religion	67 (0.7%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	85 (0.9%)

¹n (%)

Table S5b*Childhood predictors regression analysis results for Germany (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.014				0.042
	Very good/somewhat good	0.21	(0.04,0.38)	0.09		0.11	(0.00,0.21)	0.05	
Relationship with father	(Ref: Very bad/somewhat bad)				0.469				0.273
	Very good/somewhat good	-0.04	(-0.16,0.08)	0.06		-0.04	(-0.11,0.03)	0.04	
Parent marital status	(Ref: Parents married)				0.135				0.013
	No, divorced	0.02	(-0.10,0.14)	0.06		0.05	(-0.03,0.12)	0.04	
	No, one or both of them had died	0.05	(-0.18,0.27)	0.11		0.09	(-0.06,0.24)	0.08	
	No, they were never married	-0.19	(-0.36,-0.02)	0.09		-0.13	(-0.23,-0.03)	0.05	
Subjective financial status of family growing up	(Ref: Got by)				5.38e-04				9.49e-10
	Found it difficult	-0.08	(-0.21,0.04)	0.06		-0.08	(-0.15,0.00)	0.04	
	Found it very difficult	-0.01	(-0.25,0.24)	0.12		-0.15	(-0.31,0.01)	0.08	
	Lived comfortably	0.16	(0.07,0.24)	0.04		0.14	(0.09,0.19)	0.03	
Abuse	(Ref: No)				0.142				0.132
	Yes	-0.09	(-0.21,0.03)	0.06		-0.06	(-0.13,0.02)	0.04	
Outsider growing up	(Ref: No)				3.33e-04				0.002
	Yes	-0.22	(-0.34,-0.10)	0.06		-0.11	(-0.18,-0.04)	0.04	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.114				0.298
	Excellent	0.11	(0.00,0.22)	0.06		0.03	(-0.03,0.10)	0.04	
	Fair	0.02	(-0.16,0.20)	0.09		0.01	(-0.09,0.12)	0.05	
	Poor	-0.13	(-0.56,0.31)	0.22		0.19	(0.00,0.37)	0.09	
	Very good	0.12	(0.02,0.22)	0.05		0.03	(-0.03,0.10)	0.03	
Immigration status	(Ref: Born in this country)				2.48e-09				1.75e-06
	Born in another country	0.36	(0.24,0.48)	0.06		0.19	(0.11,0.27)	0.04	
Age 12 religious service attendance	(Ref: Never)				0.545				0.158
	At least once a week	-0.03	(-0.14,0.08)	0.06		-0.03	(-0.10,0.04)	0.04	
	Less than once a month	0.02	(-0.08,0.11)	0.05		0.04	(-0.02,0.10)	0.03	
	One to three times a month	0.05	(-0.06,0.15)	0.05		0.03	(-0.03,0.10)	0.03	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	0.99	(0.76,1.22)	0.12		-0.00	(-0.08,0.07)	0.04	
	1983-1993; age 30-39	0.99	(0.77,1.21)	0.11		-0.07	(-0.14,0.00)	0.04	
	1973-1983; age 40-49	0.76	(0.53,0.99)	0.12		-0.21	(-0.29,-0.14)	0.04	
	1963-1973; age 50-59	0.57	(0.33,0.80)	0.12		-0.39	(-0.48,-0.31)	0.04	
	1953-1963; age 60-69	0.59	(0.35,0.82)	0.12		-0.44	(-0.53,-0.35)	0.05	
	1943-1953; age 70-79	0.67	(0.42,0.92)	0.13		-0.47	(-0.57,-0.36)	0.05	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	0.77	(0.45,1.10)	0.17	2.47e-06	-0.25	(-0.43,-0.06)	0.09	0.014
	Female	-0.17	(-0.24,-0.09)	0.04		-0.05	(-0.09,-0.00)	0.02	
	Other	-2.80	(-4.98,-0.63)	1.11		0.25	(-0.02,0.52)	0.14	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Christianity	-0.05	(-0.14,0.03)	0.04	0.492	-0.06	(-0.11,-0.01)	0.03	0.100
	Islam	-0.08	(-0.29,0.12)	0.11		-0.06	(-0.19,0.06)	0.06	
	Collapsed affiliations with prevalence<3% (Ref: Plurality group)	-0.16	(-0.47,0.15)	0.16		-0.13	(-0.33,0.07)	0.10	
	Race/ethnicity								

Table S5c*Sensitivity to unmeasured confounding of childhood predictors in Germany*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.77	1.25	1.46	1.05
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.26	1.00	1.25	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.18	1.00	1.27	1.00
	No, one or both of them had died	1.27	1.00	1.42	1.00
	No, they were never married	1.71	1.16	1.54	1.20
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.39	1.00	1.37	1.00
	Found it very difficult	1.08	1.00	1.60	1.00
	Lived comfortably	1.61	1.35	1.57	1.42
Abuse	(Ref: No)				
	Yes	1.42	1.00	1.31	1.00
Outsider growing up	(Ref: No)				
	Yes	1.79	1.43	1.48	1.25
Self-rated health growing up	(Ref: Good)				
	Excellent	1.48	1.03	1.23	1.00
	Fair	1.16	1.00	1.13	1.00
	Poor	1.53	1.00	1.70	1.05
	Very good	1.52	1.19	1.22	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	2.21	1.86	1.71	1.48
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.21	1.00	1.19	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.16	1.00	1.25	1.00
	One to three times a month	1.28	1.00	1.22	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	4.80	3.68	1.07	1.00
	1983-1993; age 30-39	4.81	3.72	1.35	1.00
	1973-1983; age 40-49	3.71	2.80	1.78	1.55
	1963-1973; age 50-59	2.93	2.14	2.33	2.06
	1953-1963; age 60-69	3.00	2.20	2.49	2.20
	1943-1953; age 70-79	3.32	2.42	2.57	2.22
Gender	1943 or earlier; age 80+	3.76	2.50	1.88	1.33
	(Ref: Male)				
	Female	1.64	1.42	1.27	1.06
Religious affiliation	Other	32.51	3.14	1.88	1.00
	(Ref: No religion/Atheist/Agnostic)				
	Christianity	1.29	1.00	1.32	1.10
	Islam	1.40	1.00	1.32	1.00
	Collapsed affiliations with prevalence<3%	1.63	1.00	1.54	1.00
Race/ethnicity	(Ref: Plurality group)				

Table S6a*Nationally representative descriptive statistics for Hong Kong.*

Hong Kong	
Characteristic	N = 3,012¹
Education (years)	
Up to 8 years	433 (14%)
9 to 15 years	2,031 (67%)
16 or more years	547 (18%)
(Missing)	0 (0%)
Education highschool equivalency	
Did not complete highschool	936 (31%)
Highschool equivalence or higher	2,076 (69%)
(Missing)	0 (0%)
Age group	
18-24	217 (7.2%)
25-29	198 (6.6%)
30-39	507 (17%)
40-49	580 (19%)
50-59	711 (24%)
60-69	620 (21%)
70-79	164 (5.5%)
80 or older	15 (0.5%)
(Missing)	0 (0%)
Gender	
Female	1,620 (54%)
Male	1,390 (46%)
Other	2 (<0.1%)
Prefer not to answer	0 (0%)
(Missing)	0 (0%)
Race/Ethnicity	
Hong Kong: Chinese (Cantonese)	1,930 (64%)
Hong Kong: Chinese (Chaoshan)	201 (6.7%)
Hong Kong: Chinese (Fujianese)	117 (3.9%)
Hong Kong: Chinese (Hakka)	121 (4.0%)
Hong Kong: Chinese (Other ethnicity)	264 (8.8%)
Hong Kong: Chinese (Shanghainese)	89 (2.9%)
Hong Kong: East Asian (Korean, Japanese)	10 (0.3%)
Hong Kong: South Asian (Indian, Nepalese, Pakistani)	17 (0.6%)
Hong Kong: Southeast Asian (Filipino, Indonesian, Thailand)	46 (1.5%)
Hong Kong: Taiwanese	14 (0.4%)
Hong Kong: White	15 (0.5%)
Other	4 (0.1%)
Prefer not to answer	154 (5.1%)
(Missing)	29 (1.0%)
Immigration status	
Born in another country	321 (11%)
Born in this country	2,637 (89%)
(Missing)	53 (1.8%)

Characteristic	N = 3,012 ¹
Relationship with mother growing up	
Very good	1,077 (36%)
Somewhat good	1,164 (39%)
Somewhat bad	293 (9.8%)
Very bad	49 (1.6%)
(Does not apply)	426 (14%)
(Missing)	3 (<0.1%)
Relationship with father growing up	
Very good	868 (29%)
Somewhat good	1,089 (36%)
Somewhat bad	393 (13%)
Very bad	102 (3.4%)
(Does not apply)	557 (19%)
(Missing)	3 (0.1%)
Parent marital status at age 12	
No, divorced	114 (3.8%)
No, one or both of them had died	50 (1.7%)
No, they were never married	40 (1.3%)
Unsure	55 (1.8%)
Yes, married	2,752 (91%)
(Missing)	1 (<0.1%)
Subjective financial status of family growing up	
Found it difficult	473 (16%)
Found it very difficult	84 (2.8%)
Got by	1,527 (51%)
Lived comfortably	906 (30%)
(Missing)	22 (0.7%)
Abuse	
No	2,688 (89%)
Yes	318 (11%)
(Missing)	5 (0.2%)
Outsider growing up	
(Does not apply)	110 (3.7%)
No	2,224 (74%)
Yes	664 (22%)
(Missing)	14 (0.5%)
Self-rated health growing up	
Excellent	545 (18%)
Fair	426 (14%)
Good	863 (29%)
Poor	91 (3.1%)
Very good	1,073 (36%)
(Missing)	13 (0.4%)
Age 12 religious service attendance	
At least once a week	432 (14%)
Less than once a month	753 (25%)
Never	1,295 (43%)

Characteristic	N = 3,012 ¹
One to three times a month	528 (18%)
(Missing)	4 (0.1%)
Religious affiliation at age 12	
Baha'i	0 (0%)
Buddhism	323 (11%)
Chinese folk/traditional religion	108 (3.6%)
Christianity	715 (24%)
Confucianism	10 (0.3%)
Hinduism	27 (0.9%)
Islam	86 (2.9%)
Jainism	1 (<0.1%)
Judaism	16 (0.5%)
No religion/Atheist/Agnostic	1,601 (53%)
Primal, Animist, or Folk religion	15 (0.5%)
Shinto	18 (0.6%)
Sikhism	4 (0.1%)
Some other religion	5 (0.2%)
Spiritism	0 (0%)
Taoism	81 (2.7%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	1 (<0.1%)

¹n (%)

Table S6b*Childhood predictors regression analysis results for Hong Kong (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.813				0.206
	Very good/somewhat good	0.02	(-0.25,0.29)	0.14		-0.07	(-0.17,0.04)	0.05	
Relationship with father	(Ref: Very bad/somewhat bad)				0.532				0.722
	Very good/somewhat good	0.08	(-0.18,0.34)	0.13		0.01	(-0.08,0.11)	0.05	
Parent marital status	(Ref: Parents married)				0.794				0.352
	No, divorced	-0.22	(-0.86,0.41)	0.32		-0.10	(-0.31,0.11)	0.11	
	No, one or both of them had died	0.05	(-0.69,0.78)	0.38		0.10	(-0.09,0.29)	0.10	
	No, they were never married	-0.40	(-1.65,0.84)	0.63		-0.13	(-0.44,0.17)	0.16	
Subjective financial status of family growing up	(Ref: Got by)				0.027				0.151
	Found it difficult	-0.24	(-0.54,0.06)	0.15		0.05	(-0.05,0.15)	0.05	
	Found it very difficult	0.22	(-0.46,0.90)	0.35		-0.22	(-0.54,0.10)	0.16	
	Lived comfortably	-0.32	(-0.55,-0.08)	0.12		-0.06	(-0.14,0.03)	0.04	
Abuse	(Ref: No)				0.656				0.962
	Yes	-0.09	(-0.49,0.31)	0.20		0.00	(-0.12,0.12)	0.06	
Outsider growing up	(Ref: No)				0.006				0.016
	Yes	-0.35	(-0.60,-0.10)	0.13		-0.12	(-0.21,-0.02)	0.05	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				7.89e-05				0.001
	Excellent	-0.73	(-1.09,-0.38)	0.18		-0.22	(-0.34,-0.10)	0.06	
	Fair	0.02	(-0.26,0.30)	0.14		0.00	(-0.11,0.11)	0.06	
	Poor	-1.36	(-2.36,-0.35)	0.51		-0.26	(-0.59,0.07)	0.17	
	Very good	-0.20	(-0.44,0.04)	0.12		-0.01	(-0.10,0.08)	0.05	
Immigration status	(Ref: Born in this country)				0.197				3.76e-04
	Born in another country	-0.25	(-0.62,0.13)	0.19		-0.32	(-0.49,-0.14)	0.09	
Age 12 religious service attendance	(Ref: Never)				0.776				0.074
	At least once a week	0.01	(-0.41,0.42)	0.21		0.06	(-0.08,0.20)	0.07	
	Less than once a month	-0.02	(-0.29,0.25)	0.14		-0.07	(-0.17,0.02)	0.05	
	One to three times a month	-0.15	(-0.51,0.20)	0.18		-0.09	(-0.21,0.03)	0.06	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				1.1e-07
Year of birth	1993-1998; age 25-29	0.23	(-0.16,0.62)	0.20		0.08	(-0.05,0.21)	0.07	
	1983-1993; age 30-39	0.57	(0.24,0.89)	0.17		-0.00	(-0.10,0.10)	0.05	
	1973-1983; age 40-49	0.43	(0.10,0.76)	0.17		-0.11	(-0.22,-0.01)	0.05	
	1963-1973; age 50-59	0.01	(-0.36,0.38)	0.19		-0.09	(-0.19,0.01)	0.05	
	1953-1963; age 60-69	-0.31	(-0.80,0.18)	0.25		-0.38	(-0.53,-0.23)	0.08	
	1943-1953; age 70-79	0.42	(-0.30,1.13)	0.36		-0.60	(-0.98,-0.22)	0.19	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	-13.09	(-14.34,-11.83)	0.64	< 2e-16	0.19	(-0.55,0.92)	0.37	0.119
	Female	-0.26	(-0.45,-0.06)	0.10		-0.06	(-0.13,0.00)	0.03	
	Other	-13.99	(-15.51,-12.47)	0.78		-0.76	(-2.34,0.83)	0.81	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Buddhism	-0.28	(-0.70,0.15)	0.22	0.007	0.06	(-0.07,0.19)	0.06	2.97e-04
	Christianity	0.05	(-0.24,0.35)	0.15		-0.11	(-0.23,0.00)	0.06	
	Chinese folk/traditional religion	-0.23	(-0.82,0.36)	0.30		0.04	(-0.13,0.22)	0.09	
	Collapsed affiliations with prevalence<3% (Ref: Plurality group)	-0.76	(-1.24,-0.28)	0.24		-0.37	(-0.56,-0.17)	0.10	
	Race/ethnicity								

Table S6c*Sensitivity to unmeasured confounding of childhood predictors in Hong Kong*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.17	1.00	1.34	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.38	1.00	1.13	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.81	1.00	1.45	1.00
	No, one or both of them had died	1.27	1.00	1.46	1.00
	No, they were never married	2.36	1.00	1.55	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.85	1.00	1.29	1.00
	Found it very difficult	1.80	1.00	1.80	1.00
	Lived comfortably	2.09	1.39	1.31	1.00
Abuse	(Ref: No)				
	Yes	1.42	1.00	1.03	1.00
Outsider growing up	(Ref: No)				
	Yes	2.19	1.44	1.50	1.16
Self-rated health growing up	(Ref: Good)				
	Excellent	3.58	2.27	1.80	1.44
	Fair	1.15	1.00	1.05	1.00
	Poor	7.24	2.20	1.92	1.00
	Very good	1.75	1.00	1.08	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	1.88	1.00	2.09	1.57
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.10	1.00	1.32	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.17	1.00	1.37	1.00
	One to three times a month	1.60	1.00	1.42	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	1.84	1.00	1.38	1.00
	1983-1993; age 30-39	2.92	1.87	1.04	1.00
	1973-1983; age 40-49	2.46	1.46	1.49	1.09
	1963-1973; age 50-59	1.10	1.00	1.41	1.00
	1953-1963; age 60-69	2.06	1.00	2.29	1.83
	1943-1953; age 70-79	2.40	1.00	3.06	1.81
	1943 or earlier; age 80+	964126.28	273750.40	1.70	1.00
Gender	(Ref: Male)				
	Female	1.90	1.33	1.33	1.00
	Other	2379638.07	520576.40	3.68	1.00
Religious affiliation	(Ref: No religion/Atheist/Agnostic)				
	Buddhism	1.96	1.00	1.32	1.00
	Christianity	1.29	1.00	1.49	1.00
	Chinese folk/traditional religion	1.82	1.00	1.26	1.00
	Collapsed affiliations with prevalence<3%	3.70	1.98	2.24	1.66
Race/ethnicity	(Ref: Plurality group)				

Table S7a*Nationally representative descriptive statistics for India.*

India	
Characteristic	N = 12,765¹
Education (years)	
Up to 8 years	11,422 (89%)
9 to 15 years	1,194 (9.4%)
16 or more years	145 (1.1%)
(Missing)	4 (<0.1%)
Education highschool equivalency	
Did not complete highschool	8,756 (69%)
Highschool equivalence or higher	4,005 (31%)
(Missing)	4 (<0.1%)
Age group	
18-24	2,543 (20%)
25-29	1,640 (13%)
30-39	3,109 (24%)
40-49	2,275 (18%)
50-59	1,574 (12%)
60-69	1,188 (9.3%)
70-79	370 (2.9%)
80 or older	67 (0.5%)
(Missing)	0 (0%)
Gender	
Female	6,292 (49%)
Male	6,473 (51%)
Other	0 (0%)
Prefer not to answer	0 (0%)
(Missing)	0 (0%)
Race/Ethnicity	
India: General	3,538 (28%)
India: Other backward caste	4,177 (33%)
India: Schedule caste	3,599 (28%)
India: Schedule tribe	1,185 (9.3%)
(Missing)	267 (2.1%)
Immigration status	
Born in another country	110 (0.9%)
Born in this country	12,629 (99%)
(Missing)	26 (0.2%)
Relationship with mother growing up	
Very good	11,465 (90%)
Somewhat good	788 (6.2%)
Somewhat bad	88 (0.7%)
Very bad	73 (0.6%)
(Does not apply)	269 (2.1%)
(Missing)	82 (0.6%)
Relationship with father growing up	
Very good	10,923 (87%)

Characteristic	N = 12,765 ¹
Somewhat good	995 (7.9%)
Somewhat bad	126 (1.0%)
Very bad	100 (0.8%)
(Does not apply)	481 (3.8%)
(Missing)	141 (1.1%)
Parent marital status at age 12	
No, divorced	236 (3.0%)
No, one or both of them had died	940 (12%)
No, they were never married	1,055 (13%)
Unsure	81 (1.0%)
Yes, married	5,578 (71%)
(Missing)	4,875 (38%)
Subjective financial status of family growing up	
Found it difficult	2,703 (21%)
Found it very difficult	2,035 (16%)
Got by	3,010 (24%)
Lived comfortably	4,946 (39%)
(Missing)	70 (0.5%)
Abuse	
No	10,526 (88%)
Yes	1,468 (12%)
(Missing)	771 (6.0%)
Outsider growing up	
(Does not apply)	15 (0.1%)
No	10,780 (85%)
Yes	1,926 (15%)
(Missing)	44 (0.3%)
Self-rated health growing up	
Excellent	2,182 (17%)
Fair	2,202 (17%)
Good	4,028 (32%)
Poor	424 (3.3%)
Very good	3,882 (31%)
(Missing)	47 (0.4%)
Age 12 religious service attendance	
At least once a week	5,288 (42%)
Less than once a month	2,719 (22%)
Never	1,478 (12%)
One to three times a month	2,959 (24%)
(Missing)	321 (2.5%)
Religious affiliation at age 12	
Baha'i	0 (0%)
Buddhism	180 (1.4%)
Chinese folk/traditional religion	0 (0%)
Christianity	254 (2.0%)
Confucianism	0 (0%)
Hinduism	10,417 (82%)

Characteristic	N = 12,765 ¹
Islam	1,550 (12%)
Jainism	9 (<0.1%)
Judaism	0 (0%)
No religion/Atheist/Agnostic	7 (<0.1%)
Primal, Animist, or Folk religion	27 (0.2%)
Shinto	4 (<0.1%)
Sikhism	126 (1.0%)
Some other religion	59 (0.5%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	131 (1.0%)

¹n (%)

Table S7b*Childhood predictors regression analysis results for India (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.279				0.080
	Very good/somewhat good	0.95	(-0.77,2.66)	0.88		0.24	(-0.03,0.50)	0.14	
Relationship with father	(Ref: Very bad/somewhat bad)				0.914				0.526
	Very good/somewhat good	0.08	(-1.42,1.58)	0.76		0.07	(-0.15,0.29)	0.11	
Parent marital status	(Ref: Parents married)				0.195				0.167
	No, divorced	-1.12	(-3.08,0.84)	0.98		-0.01	(-0.20,0.17)	0.09	
	No, one or both of them had died	-0.13	(-0.75,0.49)	0.31		-0.09	(-0.21,0.02)	0.06	
	No, they were never married	-0.19	(-0.80,0.41)	0.31		0.03	(-0.07,0.13)	0.05	
Subjective financial status of family growing up	(Ref: Got by)				0.001				< 2e-16
	Found it difficult	-0.82	(-1.41,-0.23)	0.30		-0.29	(-0.38,-0.20)	0.05	
	Found it very difficult	-0.68	(-1.40,0.04)	0.37		-0.58	(-0.71,-0.46)	0.07	
	Lived comfortably	0.22	(-0.21,0.66)	0.22		-0.09	(-0.17,-0.00)	0.04	
Abuse	(Ref: No)				0.099				2.96e-04
	Yes	-0.48	(-1.09,0.13)	0.31		-0.18	(-0.28,-0.08)	0.05	
Outsider growing up	(Ref: No)				0.426				0.002
	Yes	-0.21	(-0.72,0.30)	0.26		-0.15	(-0.25,-0.05)	0.05	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.041				1.25e-12
	Excellent	0.64	(0.13,1.15)	0.26		0.35	(0.25,0.44)	0.05	
	Fair	-0.20	(-0.78,0.39)	0.30		-0.02	(-0.12,0.08)	0.05	
	Poor	0.41	(-0.48,1.30)	0.45		-0.06	(-0.27,0.15)	0.11	
	Very good	0.11	(-0.38,0.59)	0.25		0.17	(0.09,0.25)	0.04	
Immigration status	(Ref: Born in this country)				< 2e-16				0.013
	Born in another country	-13.65	(-14.09,-13.21)	0.23		-0.69	(-1.24,-0.15)	0.28	
Age 12 religious service attendance	(Ref: Never)				0.366				0.030
	At least once a week	0.19	(-0.49,0.86)	0.34		0.09	(-0.02,0.21)	0.06	
	Less than once a month	0.20	(-0.58,0.99)	0.40		-0.04	(-0.18,0.09)	0.07	
	One to three times a month	0.50	(-0.22,1.22)	0.37		0.05	(-0.07,0.17)	0.06	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	1.16	(0.73,1.58)	0.22		-0.12	(-0.20,-0.04)	0.04	
	1983-1993; age 30-39	0.93	(0.54,1.32)	0.20		-0.40	(-0.48,-0.31)	0.04	
	1973-1983; age 40-49	0.16	(-0.42,0.74)	0.30		-0.57	(-0.67,-0.47)	0.05	
	1963-1973; age 50-59	0.51	(-0.15,1.18)	0.34		-0.84	(-0.98,-0.70)	0.07	
	1953-1963; age 60-69	-0.75	(-1.94,0.44)	0.61		-1.05	(-1.23,-0.87)	0.09	
	1943-1953; age 70-79	0.76	(-0.61,2.13)	0.70		-0.94	(-1.22,-0.66)	0.14	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	-13.36	(-13.87,-12.84)	0.26	6.26e-05	-1.34	(-2.11,-0.58)	0.39	< 2e-16
	Female	-0.66	(-0.98,-0.34)	0.16		-0.43	(-0.50,-0.36)	0.03	
Religious affiliation	(Ref: Hinduism)				0.823				0.008
	Islam	-0.26	(-1.07,0.55)	0.41		-0.19	(-0.32,-0.05)	0.07	
Race/ethnicity	Collapsed affiliations with prevalence<3% (Ref: Plurality group)	0.01	(-0.77,0.80)	0.40	0.887	0.10	(-0.05,0.25)	0.08	0.918
	Non-plurality groups	-0.02	(-0.38,0.33)	0.18		0.00	(-0.07,0.07)	0.04	

Table S7c*Sensitivity to unmeasured confounding of childhood predictors in India*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	4.60	1.00	1.85	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.37	1.00	1.35	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	5.59	1.00	1.14	1.00
	No, one or both of them had died	1.53	1.00	1.42	1.00
	No, they were never married	1.72	1.00	1.21	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	3.98	1.84	2.01	1.73
	Found it very difficult	3.37	1.00	2.98	2.53
	Lived comfortably	1.81	1.00	1.41	1.07
Abuse	(Ref: No)				
	Yes	2.62	1.00	1.69	1.39
Outsider growing up	(Ref: No)				
	Yes	1.76	1.00	1.60	1.30
Self-rated health growing up	(Ref: Good)				
	Excellent	3.20	1.54	2.18	1.89
	Fair	1.73	1.00	1.18	1.00
	Poor	2.37	1.00	1.30	1.00
	Very good	1.46	1.00	1.65	1.40
Immigration status	(Ref: Born in this country)				
	Born in another country	1693739.67	1089220.70	3.42	1.59
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.70	1.00	1.42	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.76	1.00	1.25	1.00
	One to three times a month	2.68	1.00	1.28	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	5.82	3.59	1.51	1.25
	1983-1993; age 30-39	4.50	2.82	2.35	2.08
	1973-1983; age 40-49	1.63	1.00	2.94	2.60
	1963-1973; age 50-59	2.73	1.00	4.06	3.43
	1953-1963; age 60-69	3.66	1.00	5.14	4.19
	1943-1953; age 70-79	3.68	1.00	4.55	3.28
Gender	1943 or earlier; age 80+	1264118.83	753156.08	7.12	2.95
	(Ref: Male)				
Religious affiliation	Female	3.28	2.16	2.44	2.23
	(Ref: Hinduism)				
	Islam	1.91	1.00	1.70	1.29
Race/ethnicity	Collapsed affiliations with prevalence<3%	1.12	1.00	1.44	1.00
	(Ref: Plurality group)				
	Non-plurality groups	1.18	1.00	1.04	1.00

Table S8a*Nationally representative descriptive statistics for Indonesia.*

Indonesia	
Characteristic	N = 6,992¹
Education (years)	
Up to 8 years	3,079 (44%)
9 to 15 years	3,491 (50%)
16 or more years	419 (6.0%)
(Missing)	2 (<0.1%)
Education highschool equivalency	
Did not complete highschool	6,428 (92%)
Highschool equivalence or higher	562 (8.0%)
(Missing)	2 (<0.1%)
Age group	
18-24	1,216 (17%)
25-29	849 (12%)
30-39	1,591 (23%)
40-49	1,576 (23%)
50-59	1,169 (17%)
60-69	490 (7.0%)
70-79	83 (1.2%)
80 or older	17 (0.2%)
(Missing)	0 (0%)
Gender	
Female	3,513 (50%)
Male	3,461 (50%)
Other	7 (<0.1%)
Prefer not to answer	11 (0.2%)
(Missing)	0 (0%)
Race/Ethnicity	
Indonesia: Bali	69 (1.0%)
Indonesia: Banjar/Melayu Banjar	320 (4.6%)
Indonesia: Batak	165 (2.4%)
Indonesia: Betawi	251 (3.6%)
Indonesia: Bugis	243 (3.5%)
Indonesia: Jawa	2,846 (41%)
Indonesia: Madura	262 (3.7%)
Indonesia: Makasar	91 (1.3%)
Indonesia: Minangkabau	273 (3.9%)
Indonesia: Sunda/Parahyangan	1,172 (17%)
Other	1,262 (18%)
(Missing)	38 (0.5%)
Immigration status	
Born in another country	34 (0.5%)
Born in this country	6,958 (100%)
Relationship with mother growing up	
Very good	6,238 (90%)
Somewhat good	583 (8.4%)

Characteristic	N = 6,992 ¹
Somewhat bad	50 (0.7%)
Very bad	26 (0.4%)
(Does not apply)	68 (1.0%)
(Missing)	27 (0.4%)
Relationship with father growing up	
Very good	6,067 (88%)
Somewhat good	628 (9.1%)
Somewhat bad	68 (1.0%)
Very bad	52 (0.8%)
(Does not apply)	115 (1.7%)
(Missing)	61 (0.9%)
Parent marital status at age 12	
No, divorced	448 (6.5%)
No, one or both of them had died	735 (11%)
No, they were never married	47 (0.7%)
Unsure	101 (1.5%)
Yes, married	5,557 (81%)
(Missing)	104 (1.5%)
Subjective financial status of family growing up	
Found it difficult	439 (6.3%)
Found it very difficult	181 (2.6%)
Got by	2,955 (42%)
Lived comfortably	3,408 (49%)
(Missing)	9 (0.1%)
Abuse	
No	6,427 (93%)
Yes	486 (7.0%)
(Missing)	79 (1.1%)
Outsider growing up	
(Does not apply)	1 (<0.1%)
No	6,639 (95%)
Yes	343 (4.9%)
(Missing)	9 (0.1%)
Self-rated health growing up	
Excellent	1,246 (18%)
Fair	1,233 (18%)
Good	2,490 (36%)
Poor	55 (0.8%)
Very good	1,968 (28%)
(Missing)	1 (<0.1%)
Age 12 religious service attendance	
At least once a week	5,363 (77%)
Less than once a month	329 (4.7%)
Never	275 (4.0%)
One to three times a month	973 (14%)
(Missing)	51 (0.7%)
Religious affiliation at age 12	

Characteristic	N = 6,992 ¹
Baha'i	0 (0%)
Buddhism	5 (<0.1%)
Chinese folk/traditional religion	0 (0%)
Christianity	528 (7.6%)
Confucianism	1 (<0.1%)
Hinduism	75 (1.1%)
Islam	6,373 (91%)
Jainism	1 (<0.1%)
Judaism	0 (0%)
No religion/Atheist/Agnostic	2 (<0.1%)
Primal, Animist, or Folk religion	1 (<0.1%)
Shinto	0 (0%)
Sikhism	0 (0%)
Some other religion	0 (0%)
Spiritism	0 (0%)
Taoism	0 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	8 (0.1%)

¹n (%)

Table S8b*Childhood predictors regression analysis results for Indonesia (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.411				0.355
	Very good/somewhat good	0.31	(-0.43,1.04)	0.37		0.31	(-0.36,0.99)	0.34	
Relationship with father	(Ref: Very bad/somewhat bad)				6.80e-05				1.11e-05
	Very good/somewhat good	-0.93	(-1.40,-0.47)	0.24		-0.85	(-1.24,-0.46)	0.20	
Parent marital status	(Ref: Parents married)				0.019				0.002
	No, divorced	-0.61	(-1.10,-0.11)	0.25		-0.56	(-1.00,-0.12)	0.22	
	No, one or both of them had died	-0.60	(-1.08,-0.12)	0.24		-0.66	(-1.07,-0.26)	0.21	
	No, they were never married	0.01	(-1.15,1.18)	0.59		0.38	(-0.64,1.41)	0.52	
Subjective financial status of family growing up	(Ref: Got by)				5.01e-08				3.26e-14
	Found it difficult	-0.11	(-0.65,0.42)	0.27		-0.27	(-0.78,0.23)	0.26	
	Found it very difficult	-1.40	(-2.86,0.06)	0.74		-1.06	(-2.06,-0.05)	0.51	
	Lived comfortably	0.54	(0.33,0.74)	0.11		0.64	(0.46,0.81)	0.09	
Abuse	(Ref: No)				0.141				0.293
	Yes	0.25	(-0.09,0.60)	0.17		0.16	(-0.14,0.46)	0.15	
Outsider growing up	(Ref: No)				0.134				0.172
	Yes	-0.42	(-0.97,0.13)	0.28		-0.30	(-0.75,0.14)	0.23	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				2.10e-05				3.19e-04
	Excellent	0.02	(-0.24,0.29)	0.13		-0.01	(-0.24,0.22)	0.12	
	Fair	-0.63	(-0.96,-0.30)	0.17		-0.49	(-0.80,-0.17)	0.16	
	Poor	0.12	(-0.83,1.07)	0.49		0.23	(-0.67,1.14)	0.46	
	Very good	0.25	(0.02,0.49)	0.12		0.20	(0.01,0.39)	0.10	
Immigration status	(Ref: Born in this country)				0.841				0.659
	Born in another country	0.13	(-1.15,1.41)	0.65		0.20	(-0.69,1.08)	0.45	
Age 12 religious service attendance	(Ref: Never)				0.092				0.030
	At least once a week	0.60	(0.01,1.19)	0.30		0.69	(0.16,1.22)	0.27	
	Less than once a month	0.86	(0.18,1.54)	0.35		0.95	(0.31,1.58)	0.32	
	One to three times a month	0.57	(-0.09,1.22)	0.33		0.62	(0.05,1.19)	0.29	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	0.74	(0.45,1.03)	0.15		0.75	(0.49,1.00)	0.13	
	1983-1993; age 30-39	0.26	(-0.03,0.55)	0.15		0.33	(0.07,0.59)	0.13	
	1973-1983; age 40-49	-0.42	(-0.77,-0.06)	0.18		-0.22	(-0.51,0.07)	0.15	
	1963-1973; age 50-59	-0.46	(-0.88,-0.04)	0.21		-0.26	(-0.62,0.10)	0.18	
	1953-1963; age 60-69	-0.13	(-0.69,0.43)	0.29		0.19	(-0.27,0.65)	0.24	
	1943-1953; age 70-79	-0.74	(-1.98,0.51)	0.63		-0.13	(-0.96,0.69)	0.42	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+	-12.71	(-13.67,-11.75)	0.49	< 2e-16	-11.84	(-12.76,-10.92)	0.47	< 2e-16
	(Ref: Male)								
	Female	-0.11	(-0.29,0.07)	0.09		-0.04	(-0.19,0.12)	0.08	
	Other	-13.25	(-14.17,-12.34)	0.46		-12.51	(-13.42,-11.59)	0.47	
Religious affiliation	(Ref: Islam)				2.62e-05				2.28e-08
	Christianity	0.44	(0.13,0.76)	0.16		0.47	(0.21,0.74)	0.13	
	Collapsed affiliations with prevalence<3%	1.01	(0.53,1.49)	0.25		1.11	(0.70,1.51)	0.21	
Race/ethnicity	(Ref: Plurality group)				0.468				0.347
	Non-plurality groups	-0.09	(-0.33,0.15)	0.12		-0.10	(-0.31,0.11)	0.11	

Table S8c*Sensitivity to unmeasured confounding of childhood predictors in Indonesia*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	2.05	1.00	2.08	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	4.53	2.57	4.10	2.55
Parent marital status	(Ref: Parents married)				
	No, divorced	3.08	1.48	2.91	1.52
	No, one or both of them had died	3.05	1.51	3.30	1.91
	No, they were never married	1.13	1.00	2.30	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.49	1.00	1.96	1.00
	Found it very difficult	7.58	1.00	5.21	1.30
	Lived comfortably	2.81	2.13	3.19	2.54
Abuse	(Ref: No)				
	Yes	1.90	1.00	1.62	1.00
Outsider growing up	(Ref: No)				
	Yes	2.41	1.00	2.05	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.19	1.00	1.09	1.00
	Fair	3.17	2.05	2.64	1.66
	Poor	1.50	1.00	1.84	1.00
	Very good	1.90	1.15	1.75	1.13
Immigration status	(Ref: Born in this country)				
	Born in another country	1.54	1.00	1.74	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	3.04	1.08	3.41	1.64

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	4.16	1.68	4.59	2.07
	One to three times a month	2.92	1.00	3.12	1.27
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	3.60	2.50	3.63	2.66
	1983-1993; age 30-39	1.92	1.00	2.12	1.34
	1973-1983; age 40-49	2.40	1.33	1.80	1.00
	1963-1973; age 50-59	2.54	1.25	1.93	1.00
	1953-1963; age 60-69	1.54	1.00	1.71	1.00
	1943-1953; age 70-79	3.61	1.00	1.54	1.00
Gender	1943 or earlier; age 80+	663241.06	254285.51	278088.10	110954.16
	(Ref: Male)				
	Female	1.48	1.00	1.24	1.00
Religious affiliation	Other	1141188.75	458931.39	540720.92	216412.30
	(Ref: Islam)				
	Christianity	2.48	1.52	2.59	1.77
Race/ethnicity	Collapsed affiliations with prevalence<3%	4.94	2.79	5.51	3.46
	(Ref: Plurality group)				
	Non-plurality groups	1.41	1.00	1.45	1.00

Table S9a*Nationally representative descriptive statistics for Israel.*

Israel	
Characteristic	N = 3,669¹
Education (years)	
Up to 8 years	224 (6.1%)
9 to 15 years	1,517 (41%)
16 or more years	1,926 (52%)
(Missing)	2 (<0.1%)
Education highschool equivalency	
Did not complete highschool	914 (25%)
Highschool equivalence or higher	2,753 (75%)
(Missing)	2 (<0.1%)
Age group	
18-24	553 (15%)
25-29	407 (11%)
30-39	666 (18%)
40-49	616 (17%)
50-59	542 (15%)
60-69	469 (13%)
70-79	336 (9.2%)
80 or older	79 (2.2%)
(Missing)	0 (0%)
Gender	
Female	1,872 (51%)
Male	1,791 (49%)
Other	0 (<0.1%)
Prefer not to answer	0 (0%)
(Missing)	6 (0.2%)
Race/Ethnicity	
Israel: Arab	674 (18%)
Israel: Jewish	2,926 (80%)
Other	39 (1.1%)
(Missing)	30 (0.8%)
Immigration status	
Born in another country	868 (24%)
Born in this country	2,796 (76%)
(Missing)	5 (0.1%)
Relationship with mother growing up	
Very good	2,686 (74%)
Somewhat good	793 (22%)
Somewhat bad	110 (3.0%)
Very bad	18 (0.5%)
(Does not apply)	45 (1.2%)
(Missing)	17 (0.5%)
Relationship with father growing up	
Very good	2,290 (63%)
Somewhat good	912 (25%)

Characteristic	N = 3,669 ¹
Somewhat bad	234 (6.4%)
Very bad	37 (1.0%)
(Does not apply)	171 (4.7%)
(Missing)	25 (0.7%)
Parent marital status at age 12	
No, divorced	284 (7.8%)
No, one or both of them had died	130 (3.6%)
No, they were never married	36 (1.0%)
Unsure	16 (0.4%)
Yes, married	3,172 (87%)
(Missing)	32 (0.9%)
Subjective financial status of family growing up	
Found it difficult	667 (18%)
Found it very difficult	239 (6.6%)
Got by	1,822 (50%)
Lived comfortably	923 (25%)
(Missing)	17 (0.5%)
Outsider growing up	
(Does not apply)	36 (1.0%)
No	3,228 (89%)
Yes	371 (10%)
(Missing)	34 (0.9%)
Self-rated health growing up	
Excellent	1,785 (49%)
Fair	105 (2.9%)
Good	480 (13%)
Poor	6 (0.2%)
Very good	1,284 (35%)
(Missing)	8 (0.2%)
Age 12 religious service attendance	
At least once a week	867 (24%)
Less than once a month	810 (22%)
Never	1,539 (42%)
One to three times a month	435 (12%)
(Missing)	17 (0.5%)
Religious affiliation at age 12	
Baha'i	1 (<0.1%)
Buddhism	0 (0%)
Chinese folk/traditional religion	0 (0%)
Christianity	60 (1.6%)
Confucianism	0 (0%)
Hinduism	0 (0%)
Islam	647 (18%)
Jainism	0 (0%)
Judaism	2,873 (79%)
No religion/Atheist/Agnostic	69 (1.9%)
Primal, Animist, or Folk religion	3 (<0.1%)

Characteristic	N = 3,669 ¹
Shinto	0 (0%)
Sikhism	1 (<0.1%)
Some other religion	5 (0.1%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	10 (0.3%)

¹n (%)

Table S9b*Childhood predictors regression analysis results for Israel (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.038				0.238
	Very good/somewhat good	-0.17	(-0.33,-0.01)	0.08		-0.07	(-0.19,0.05)	0.06	
Relationship with father	(Ref: Very bad/somewhat bad)				0.529				0.288
	Very good/somewhat good	-0.04	(-0.16,0.09)	0.06		0.05	(-0.04,0.14)	0.05	
Parent marital status	(Ref: Parents married)				0.986				0.418
	No, divorced	-0.01	(-0.12,0.10)	0.05		0.04	(-0.03,0.11)	0.03	
	No, one or both of them had died	-0.01	(-0.20,0.18)	0.10		-0.06	(-0.17,0.06)	0.06	
	No, they were never married	-0.03	(-0.30,0.25)	0.14		0.01	(-0.16,0.17)	0.08	
Subjective financial status of family growing up	(Ref: Got by)				1.84e-08				1.74e-08
	Found it difficult	-0.31	(-0.42,-0.19)	0.06		-0.21	(-0.30,-0.13)	0.04	
	Found it very difficult	-0.53	(-0.80,-0.27)	0.13		-0.44	(-0.63,-0.24)	0.10	
	Lived comfortably	0.10	(0.03,0.18)	0.04		0.06	(0.02,0.10)	0.02	
Outsider growing up	(Ref: No)				0.412				0.628
	Yes	-0.05	(-0.16,0.07)	0.06		0.02	(-0.06,0.09)	0.04	
Self-rated health growing up	(Ref: Good)				< 2e-16				0.041

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Immigration status	Excellent	0.03	(-0.07,0.13)	0.05	0.002	-0.03	(-0.09,0.04)	0.03	0.133
	Fair	0.02	(-0.25,0.28)	0.13		-0.03	(-0.17,0.11)	0.07	
	Poor	-12.71	(-18.62,-6.79)	2.81		0.09	(-0.18,0.35)	0.14	
	Very good	-0.01	(-0.12,0.10)	0.06		-0.08	(-0.15,-0.02)	0.03	
	(Ref: Born in this country)								
Age 12 religious service attendance	Born in another country	0.15	(0.06,0.23)	0.05	1.83e-05	0.05	(-0.01,0.11)	0.03	3.24e-07
	(Ref: Never)								
	At least once a week	-0.32	(-0.45,-0.19)	0.07		-0.27	(-0.36,-0.18)	0.05	
	Less than once a month	-0.13	(-0.20,-0.05)	0.04		-0.09	(-0.15,-0.04)	0.03	
	One to three times a month	-0.15	(-0.29,-0.01)	0.07		-0.13	(-0.21,-0.05)	0.04	
Year of birth	(Ref: 1998-2005; current age: 18-24)				1.70e-08				1.97e-09
	1993-1998; age 25-29	0.64	(0.45,0.83)	0.10		0.03	(-0.03,0.10)	0.03	
	1983-1993; age 30-39	0.61	(0.42,0.80)	0.10		-0.04	(-0.11,0.02)	0.03	
	1973-1983; age 40-49	0.63	(0.44,0.83)	0.10		-0.04	(-0.11,0.03)	0.03	
	1963-1973; age 50-59	0.46	(0.26,0.66)	0.10		-0.18	(-0.27,-0.10)	0.04	
	1953-1963; age 60-69	0.29	(0.08,0.51)	0.11		-0.44	(-0.57,-0.31)	0.06	
	1943-1953; age 70-79	0.42	(0.20,0.63)	0.11		-0.28	(-0.39,-0.17)	0.06	
	1943 or earlier; age 80+	0.21	(-0.10,0.52)	0.16		-0.37	(-0.59,-0.14)	0.11	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	(Ref: Male)				0.030				0.027
	Female	0.00	(-0.07,0.07)	0.04		0.04	(-0.00,0.08)	0.02	
	Other	0.25	(-0.34,0.83)	0.29		0.16	(0.03,0.30)	0.07	
Religious affiliation	(Ref: Judaism)				0.310				0.183
	Islam	-0.15	(-0.48,0.18)	0.17		-0.13	(-0.40,0.14)	0.14	
	Collapsed affiliations with prevalence<3%	0.08	(-0.16,0.32)	0.12		0.06	(-0.05,0.18)	0.06	
Race/ethnicity	(Ref: Plurality group)				0.003				0.206
	Non-plurality groups	-0.46	(-0.78,-0.14)	0.16		-0.12	(-0.33,0.09)	0.11	
Abuse	(Ref: No)								

Table S9c*Sensitivity to unmeasured confounding of childhood predictors in Israel*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.66	1.11	1.35	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.24	1.00	1.27	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.11	1.00	1.25	1.00
	No, one or both of them had died	1.11	1.00	1.31	1.00
	No, they were never married	1.20	1.00	1.08	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	2.05	1.72	1.78	1.54
	Found it very difficult	2.80	1.95	2.47	1.86
	Lived comfortably	1.46	1.19	1.31	1.15
Outsider growing up	(Ref: No)				
	Yes	1.27	1.00	1.14	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.22	1.00	1.19	1.00
	Fair	1.15	1.00	1.21	1.00
	Poor	659200.72	1775.00	1.40	1.00
	Very good	1.10	1.00	1.39	1.15
Immigration status	(Ref: Born in this country)				
	Born in another country	1.58	1.31	1.28	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	2.09	1.70	1.95	1.68
	Less than once a month	1.52	1.28	1.43	1.25
	One to three times a month	1.60	1.14	1.54	1.30

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	3.19	2.51	1.23	1.00
	1983-1993; age 30-39	3.10	2.43	1.26	1.00
	1973-1983; age 40-49	3.17	2.47	1.25	1.00
	1963-1973; age 50-59	2.55	1.92	1.70	1.45
	1953-1963; age 60-69	2.02	1.37	2.48	2.08
	1943-1953; age 70-79	2.40	1.76	1.97	1.64
	1943 or earlier; age 80+	1.76	1.00	2.24	1.58
Gender	(Ref: Male)				
	Female	1.06	1.00	1.25	1.00
	Other	1.88	1.00	1.63	1.19
Religious affiliation	(Ref: Judaism)				
	Islam	1.60	1.00	1.53	1.00
	Collapsed affiliations with prevalence<3%	1.39	1.00	1.32	1.00
Race/ethnicity	(Ref: Plurality group)				
	Non-plurality groups	2.55	1.58	1.51	1.00
Abuse	(Ref: No)				

Table S10a*Nationally representative descriptive statistics for Japan.*

Japan	
Characteristic	N = 20,543¹
Education (years)	
Up to 8 years	567 (2.8%)
9 to 15 years	14,893 (72%)
16 or more years	5,083 (25%)
(Missing)	0 (0%)
Education highschool equivalency	
Did not complete highschool	11,773 (57%)
Highschool equivalence or higher	8,770 (43%)
(Missing)	0 (0%)
Age group	
18-24	1,589 (7.7%)
25-29	806 (3.9%)
30-39	2,851 (14%)
40-49	3,363 (16%)
50-59	3,770 (18%)
60-69	4,118 (20%)
70-79	3,554 (17%)
80 or older	493 (2.4%)
(Missing)	0 (0%)
Gender	
Female	10,602 (52%)
Male	9,847 (48%)
Other	28 (0.1%)
Prefer not to answer	66 (0.3%)
(Missing)	0 (0%)
Immigration status	
Born in another country	158 (0.8%)
Born in this country	19,548 (99%)
(Missing)	837 (4.1%)
Relationship with mother growing up	
Very good	5,630 (27%)
Somewhat good	9,461 (46%)
Somewhat bad	2,750 (13%)
Very bad	799 (3.9%)
(Does not apply)	1,838 (9.0%)
(Missing)	66 (0.3%)
Relationship with father growing up	
Very good	4,156 (20%)
Somewhat good	9,081 (44%)
Somewhat bad	3,446 (17%)
Very bad	1,223 (6.0%)
(Does not apply)	2,580 (13%)
(Missing)	57 (0.3%)
Parent marital status at age 12	

Characteristic	N = 20,543 ¹
No, divorced	1,127 (5.5%)
No, one or both of them had died	754 (3.7%)
No, they were never married	591 (2.9%)
Unsure	311 (1.5%)
Yes, married	17,713 (86%)
(Missing)	48 (0.2%)
Subjective financial status of family growing up	
Found it difficult	2,398 (12%)
Found it very difficult	973 (4.8%)
Got by	8,799 (43%)
Lived comfortably	8,320 (41%)
(Missing)	52 (0.3%)
Abuse	
No	18,964 (93%)
Yes	1,482 (7.2%)
(Missing)	96 (0.5%)
Outsider growing up	
(Does not apply)	1,402 (6.8%)
No	17,136 (84%)
Yes	1,963 (9.6%)
(Missing)	42 (0.2%)
Self-rated health growing up	
Excellent	2,711 (13%)
Fair	3,199 (16%)
Good	6,689 (33%)
Poor	758 (3.7%)
Very good	7,106 (35%)
(Missing)	80 (0.4%)
Age 12 religious service attendance	
At least once a week	398 (1.9%)
Less than once a month	5,023 (25%)
Never	14,117 (69%)
One to three times a month	883 (4.3%)
(Missing)	123 (0.6%)
Religious affiliation at age 12	
Baha'i	7 (<0.1%)
Buddhism	6,536 (32%)
Chinese folk/traditional religion	0 (0%)
Christianity	343 (1.7%)
Confucianism	25 (0.1%)
Hinduism	4 (<0.1%)
Islam	7 (<0.1%)
Jainism	1 (<0.1%)
Judaism	0 (0%)
No religion/Atheist/Agnostic	12,950 (64%)
Primal, Animist, or Folk religion	13 (<0.1%)
Shinto	382 (1.9%)

Characteristic	N = 20,543 ¹
Sikhism	0 (0%)
Some other religion	46 (0.2%)
Spiritism	0 (0%)
Taoism	14 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	215 (1.0%)

¹n (%)

Table S10b*Childhood predictors regression analysis results for Japan (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.496				0.881
	Very good/somewhat good	-0.03	(-0.11,0.06)	0.04		0.00	(-0.05,0.06)	0.03	
Relationship with father	(Ref: Very bad/somewhat bad)				0.066				0.116
	Very good/somewhat good	0.07	(-0.01,0.15)	0.04		0.04	(-0.01,0.09)	0.03	
Parent marital status	(Ref: Parents married)				1.65e-10				4.16e-14
	No, divorced	-0.54	(-0.73,-0.35)	0.10		-0.42	(-0.54,-0.29)	0.06	
	No, one or both of them had died	-0.40	(-0.61,-0.18)	0.11		-0.25	(-0.39,-0.12)	0.07	
	No, they were never married	0.13	(-0.01,0.27)	0.07		0.11	(0.01,0.21)	0.05	
Subjective financial status of family growing up	(Ref: Got by)				< 2e-16				< 2e-16
	Found it difficult	-0.22	(-0.34,-0.10)	0.06		-0.25	(-0.33,-0.17)	0.04	
	Found it very difficult	-0.51	(-0.73,-0.29)	0.11		-0.42	(-0.55,-0.29)	0.07	
	Lived comfortably	0.41	(0.35,0.48)	0.03		0.30	(0.26,0.34)	0.02	
Abuse	(Ref: No)				0.033				0.013
	Yes	-0.14	(-0.27,-0.01)	0.07		-0.11	(-0.19,-0.02)	0.04	
Outsider growing up	(Ref: No)				0.031				0.032
	Yes	0.11	(0.01,0.21)	0.05		0.07	(0.00,0.14)	0.04	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.202				0.790
	Excellent	-0.07	(-0.16,0.02)	0.05		-0.02	(-0.08,0.04)	0.03	
	Fair	0.06	(-0.04,0.15)	0.05		0.02	(-0.03,0.08)	0.03	
	Poor	-0.03	(-0.20,0.14)	0.09		-0.02	(-0.13,0.09)	0.06	
	Very good	0.02	(-0.05,0.09)	0.03		0.00	(-0.04,0.04)	0.02	
Immigration status	(Ref: Born in this country)				0.004				0.045
	Born in another country	0.39	(0.12,0.66)	0.14		0.20	(-0.00,0.40)	0.10	
Age 12 religious service attendance	(Ref: Never)				1.41e-09				3.46e-09
	At least once a week	0.19	(0.00,0.37)	0.09		0.19	(0.07,0.32)	0.06	
	Less than once a month	0.18	(0.12,0.24)	0.03		0.12	(0.08,0.16)	0.02	
	One to three times a month	0.30	(0.17,0.42)	0.06		0.15	(0.06,0.24)	0.05	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	-0.42	(-0.57,-0.26)	0.08		-0.28	(-0.40,-0.16)	0.06	
	1983-1993; age 30-39	-0.33	(-0.43,-0.23)	0.05		-0.15	(-0.22,-0.07)	0.04	
	1973-1983; age 40-49	-0.61	(-0.72,-0.50)	0.05		-0.04	(-0.11,0.04)	0.04	
	1963-1973; age 50-59	-1.04	(-1.15,-0.92)	0.06		-0.08	(-0.16,-0.01)	0.04	
	1953-1963; age 60-69	-0.35	(-0.44,-0.26)	0.05		-0.03	(-0.10,0.04)	0.04	
	1943-1953; age 70-79	-0.48	(-0.58,-0.38)	0.05		-0.28	(-0.35,-0.20)	0.04	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+	-0.86	(-1.09,-0.63)	0.12	0.001	-0.69	(-0.87,-0.50)	0.09	0.002
	(Ref: Male)								
	Female	0.10	(0.05,0.16)	0.03		0.06	(0.03,0.10)	0.02	
	Other	0.21	(-0.34,0.76)	0.28		0.14	(-0.33,0.60)	0.24	
Religious affiliation	(Ref: No religion/Atheist/A gnostic)				0.406				0.017
	Buddhism	0.01	(-0.05,0.08)	0.03		-0.06	(-0.10,-0.02)	0.02	
	Collapsed affiliations with prevalence<3%	0.09	(-0.04,0.22)	0.07		-0.03	(-0.13,0.06)	0.05	
Race/ethnicity	(Ref: Plurality group)								

Table S10c*Sensitivity to unmeasured confounding of childhood predictors in Japan*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.20	1.00	1.03	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.36	1.00	1.24	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	2.83	2.19	2.40	2.02
	No, one or both of them had died	2.33	1.68	1.90	1.50
	No, they were never married	1.53	1.00	1.47	1.11
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.79	1.43	1.89	1.66
	Found it very difficult	2.70	1.99	2.41	1.99
	Lived comfortably	2.40	2.20	2.02	1.90
Abuse	(Ref: No)				
	Yes	1.56	1.11	1.46	1.17
Outsider growing up	(Ref: No)				
	Yes	1.48	1.09	1.36	1.06
Self-rated health growing up	(Ref: Good)				
	Excellent	1.34	1.00	1.16	1.00
	Fair	1.30	1.00	1.18	1.00
	Poor	1.20	1.00	1.16	1.00
	Very good	1.16	1.00	1.03	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	2.31	1.50	1.73	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.70	1.04	1.72	1.35

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.68	1.49	1.51	1.38
	One to three times a month	2.03	1.67	1.59	1.32
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	2.40	1.93	1.98	1.63
	1983-1993; age 30-39	2.13	1.83	1.58	1.34
	1973-1983; age 40-49	3.09	2.70	1.24	1.00
	1963-1973; age 50-59	5.08	4.44	1.40	1.13
	1953-1963; age 60-69	2.18	1.91	1.20	1.00
	1943-1953; age 70-79	2.61	2.29	1.96	1.74
Gender	1943 or earlier; age 80+	4.15	3.14	3.39	2.69
	(Ref: Male)				
	Female	1.45	1.27	1.33	1.20
Religious affiliation	Other	1.78	1.00	1.56	1.00
	(Ref: No religion/Atheist/Agnostic)				
	Buddhism	1.12	1.00	1.32	1.15
	Collapsed affiliations with prevalence<3%	1.42	1.00	1.23	1.00
Race/ethnicity	(Ref: Plurality group)				

Table S11a*Nationally representative descriptive statistics for Kenya.*

Kenya	
Characteristic	N = 11,389¹
Education (years)	
Up to 8 years	4,485 (39%)
9 to 15 years	6,115 (54%)
16 or more years	783 (6.9%)
(Missing)	6 (<0.1%)
Education highschool equivalency	
Did not complete highschool	8,591 (75%)
Highschool equivalence or higher	2,793 (25%)
(Missing)	6 (<0.1%)
Age group	
18-24	2,868 (25%)
25-29	2,035 (18%)
30-39	2,564 (23%)
40-49	1,708 (15%)
50-59	1,072 (9.4%)
60-69	710 (6.2%)
70-79	360 (3.2%)
80 or older	67 (0.6%)
(Missing)	5 (<0.1%)
Gender	
Female	5,813 (51%)
Male	5,567 (49%)
Other	2 (<0.1%)
Prefer not to answer	0 (0%)
(Missing)	7 (<0.1%)
Race/Ethnicity	
Kenya: Embu	197 (1.7%)
Kenya: Kalenjin	1,377 (12%)
Kenya: Kamba	1,299 (11%)
Kenya: Kenyan Somali/Somali	396 (3.5%)
Kenya: Kikuyu	2,119 (19%)
Kenya: Kisii	789 (6.9%)
Kenya: Luhya	1,943 (17%)
Kenya: Luo	1,120 (9.8%)
Kenya: Maasai	237 (2.1%)
Kenya: Meru	630 (5.5%)
Kenya: Miji Kenda tribes	708 (6.2%)
Other	548 (4.8%)
(Missing)	27 (0.2%)
Immigration status	
Born in another country	117 (1.0%)
Born in this country	11,270 (99%)
(Missing)	2 (<0.1%)
Relationship with mother growing up	

Characteristic	N = 11,389 ¹
Very good	9,418 (83%)
Somewhat good	1,435 (13%)
Somewhat bad	130 (1.1%)
Very bad	100 (0.9%)
(Does not apply)	240 (2.1%)
(Missing)	66 (0.6%)
Relationship with father growing up	
Very good	7,958 (71%)
Somewhat good	1,896 (17%)
Somewhat bad	216 (1.9%)
Very bad	220 (2.0%)
(Does not apply)	967 (8.6%)
(Missing)	132 (1.2%)
Parent marital status at age 12	
No, divorced	697 (6.2%)
No, one or both of them had died	471 (4.2%)
No, they were never married	681 (6.1%)
Unsure	109 (1.0%)
Yes, married	9,238 (83%)
(Missing)	192 (1.7%)
Subjective financial status of family growing up	
Found it difficult	4,071 (36%)
Found it very difficult	994 (8.7%)
Got by	3,279 (29%)
Lived comfortably	3,026 (27%)
(Missing)	19 (0.2%)
Abuse	
No	10,039 (89%)
Yes	1,300 (11%)
(Missing)	49 (0.4%)
Outsider growing up	
(Does not apply)	23 (0.2%)
No	10,114 (89%)
Yes	1,223 (11%)
(Missing)	29 (0.3%)
Self-rated health growing up	
Excellent	4,449 (39%)
Fair	1,384 (12%)
Good	2,582 (23%)
Poor	349 (3.1%)
Very good	2,598 (23%)
(Missing)	26 (0.2%)
Age 12 religious service attendance	
At least once a week	9,189 (81%)
Less than once a month	236 (2.1%)
Never	198 (1.8%)
One to three times a month	1,687 (15%)

Characteristic	N = 11,389 ¹
(Missing)	79 (0.7%)
Religious affiliation at age 12	
Baha'i	3 (<0.1%)
Buddhism	5 (<0.1%)
Chinese folk/traditional religion	0 (0%)
Christianity	10,369 (91%)
Confucianism	0 (0%)
Hinduism	0 (0%)
Islam	916 (8.0%)
Jainism	1 (<0.1%)
Judaism	6 (<0.1%)
No religion/Atheist/Agnostic	67 (0.6%)
Primal, Animist, or Folk religion	13 (0.1%)
Shinto	0 (0%)
Sikhism	0 (<0.1%)
Some other religion	0 (<0.1%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	9 (<0.1%)

¹n (%)

Table S11b

Childhood predictors regression analysis results for Kenya (all estimates on log-risk scale)

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.678				0.851
	Very good/somewhat good	-0.12	(-0.67,0.43)	0.28		0.02	(-0.26,0.31)	0.14	
Relationship with father	(Ref: Very bad/somewhat bad)				0.812				0.587
	Very good/somewhat good	0.05	(-0.36,0.46)	0.21		0.05	(-0.15,0.26)	0.10	
Parent marital status	(Ref: Parents married)				0.450				0.018
	No, divorced	-0.17	(-0.52,0.17)	0.18		0.06	(-0.07,0.19)	0.07	
	No, one or both of them had died	0.21	(-0.13,0.54)	0.17		0.24	(0.07,0.41)	0.09	
	No, they were never married	0.10	(-0.25,0.46)	0.18		0.11	(-0.04,0.26)	0.08	
Subjective financial status of family growing up	(Ref: Got by)				1.76e-13				< 2e-16
	Found it difficult	-0.80	(-1.02,-0.58)	0.11		-0.60	(-0.70,-0.49)	0.06	
	Found it very difficult	-0.47	(-0.91,-0.02)	0.23		-0.61	(-0.83,-0.39)	0.11	
	Lived comfortably	0.03	(-0.17,0.24)	0.10		0.05	(-0.03,0.14)	0.04	
Abuse	(Ref: No)				0.680				0.513
	Yes	-0.05	(-0.32,0.21)	0.13		-0.04	(-0.15,0.07)	0.06	
Outsider growing up	(Ref: No)				0.143				0.014
	Yes	-0.28	(-0.66,0.10)	0.19		-0.20	(-0.36,-0.04)	0.08	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.157				0.067
	Excellent	-0.16	(-0.39,0.07)	0.12		-0.11	(-0.21,-0.01)	0.05	
	Fair	-0.38	(-0.71,-0.06)	0.17		-0.17	(-0.31,-0.03)	0.07	
	Poor	-0.73	(-1.73,0.28)	0.51		-0.34	(-0.72,0.04)	0.19	
	Very good	-0.15	(-0.39,0.10)	0.12		-0.08	(-0.19,0.03)	0.06	
Immigration status	(Ref: Born in this country)				0.564				0.757
	Born in another country	-0.30	(-1.30,0.71)	0.51		-0.07	(-0.54,0.39)	0.24	
Age 12 religious service attendance	(Ref: Never)				0.450				2.68e-04
	At least once a week	0.09	(-0.75,0.92)	0.43		0.50	(0.07,0.92)	0.22	
	Less than once a month	0.13	(-0.89,1.15)	0.52		0.25	(-0.29,0.79)	0.27	
	One to three times a month	-0.12	(-0.95,0.72)	0.43		0.29	(-0.15,0.73)	0.22	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	1.06	(0.86,1.26)	0.10		0.41	(0.33,0.50)	0.04	
	1983-1993; age 30-39	0.54	(0.31,0.77)	0.12		0.02	(-0.09,0.13)	0.06	
	1973-1983; age 40-49	-0.06	(-0.44,0.32)	0.19		-0.47	(-0.63,-0.30)	0.08	
	1963-1973; age 50-59	-1.32	(-1.96,-0.68)	0.33		-1.31	(-1.65,-0.98)	0.17	
	1953-1963; age 60-69	-1.19	(-2.04,-0.34)	0.43		-1.42	(-1.87,-0.96)	0.23	
	1943-1953; age 70-79	-1.17	(-2.43,0.09)	0.64		-1.55	(-2.19,-0.90)	0.33	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+	-1.95	(-3.94,0.05)	1.02	< 2e-16	-3.58	(-5.56,-1.61)	1.01	< 2e-16
	(Ref: Male)								
	Female	-0.64	(-0.82,-0.46)	0.09		-0.36	(-0.44,-0.29)	0.04	
	Other	-11.09	(-12.57,-9.61)	0.76		-0.65	(-2.09,0.79)	0.74	
Religious affiliation	(Ref: Christianity)				0.162				0.050
	Islam	0.32	(-0.04,0.67)	0.18		0.01	(-0.22,0.25)	0.12	
	Collapsed affiliations with prevalence<3%	0.40	(-0.55,1.35)	0.48		0.52	(0.11,0.93)	0.21	
Race/ethnicity	(Ref: Plurality group)				0.063				1.29e-04
	Non-plurality groups	-0.27	(-0.56,0.02)	0.15		-0.24	(-0.36,-0.12)	0.06	

Table S11c*Sensitivity to unmeasured confounding of childhood predictors in Kenya*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.50	1.00	1.18	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.28	1.00	1.30	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.66	1.00	1.31	1.00
	No, one or both of them had died	1.76	1.00	1.85	1.35
	No, they were never married	1.46	1.00	1.49	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	3.87	2.96	3.03	2.63
	Found it very difficult	2.57	1.18	3.08	2.31
	Lived comfortably	1.23	1.00	1.29	1.00
Abuse	(Ref: No)				
	Yes	1.30	1.00	1.23	1.00
Outsider growing up	(Ref: No)				
	Yes	1.98	1.00	1.75	1.26
Self-rated health growing up	(Ref: Good)				
	Excellent	1.62	1.00	1.47	1.09
	Fair	2.29	1.31	1.65	1.20
	Poor	3.55	1.00	2.15	1.00
	Very good	1.58	1.00	1.38	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	2.02	1.00	1.36	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.40	1.00	2.68	1.36

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.53	1.00	1.88	1.00
	One to three times a month	1.50	1.00	2.01	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	5.20	4.15	2.39	2.12
	1983-1993; age 30-39	2.83	2.07	1.17	1.00
	1973-1983; age 40-49	1.33	1.00	2.57	2.05
	1963-1973; age 50-59	6.95	3.36	6.90	4.79
	1953-1963; age 60-69	6.04	2.17	7.70	4.64
	1943-1953; age 70-79	5.87	1.00	8.86	4.38
Gender	1943 or earlier; age 80+	13.47	1.00	71.53	9.50
	(Ref: Male)				
	Female	3.20	2.55	2.23	2.00
Religious affiliation	Other	131214.52	29845.26	3.24	1.00
	(Ref: Christianity)				
	Islam	2.08	1.00	1.13	1.00
Race/ethnicity	Collapsed affiliations with prevalence<3%	2.34	1.00	2.75	1.46
	(Ref: Plurality group)				
	Non-plurality groups	1.95	1.00	1.85	1.50

Table S12a*Nationally representative descriptive statistics for Mexico.*

Mexico	
Characteristic	N = 5,776¹
Education (years)	
Up to 8 years	1,291 (22%)
9 to 15 years	3,180 (55%)
16 or more years	1,304 (23%)
(Missing)	1 (<0.1%)
Education highschool equivalency	
Did not complete highschool	3,142 (54%)
Highschool equivalence or higher	2,633 (46%)
(Missing)	1 (<0.1%)
Age group	
18-24	986 (17%)
25-29	623 (11%)
30-39	1,312 (23%)
40-49	1,027 (18%)
50-59	873 (15%)
60-69	611 (11%)
70-79	277 (4.8%)
80 or older	68 (1.2%)
(Missing)	0 (0%)
Gender	
Female	2,997 (52%)
Male	2,755 (48%)
Other	3 (<0.1%)
Prefer not to answer	6 (<0.1%)
(Missing)	15 (0.3%)
Race/Ethnicity	
Mexico: Black	108 (1.9%)
Mexico: Indigenous	594 (10%)
Mexico: Mestizo	2,762 (48%)
Mexico: Mulatto	63 (1.1%)
Mexico: White	1,116 (19%)
Other	339 (5.9%)
Prefer not to answer	395 (6.8%)
(Missing)	399 (6.9%)
Immigration status	
Born in another country	108 (1.9%)
Born in this country	5,517 (98%)
(Missing)	151 (2.6%)
Relationship with mother growing up	
Very good	3,912 (69%)
Somewhat good	1,340 (24%)
Somewhat bad	177 (3.1%)
Very bad	90 (1.6%)
(Does not apply)	177 (3.1%)

Characteristic	N = 5,776 ¹
(Missing)	80 (1.4%)
Relationship with father growing up	
Very good	3,089 (54%)
Somewhat good	1,556 (27%)
Somewhat bad	335 (5.9%)
Very bad	267 (4.7%)
(Does not apply)	470 (8.2%)
(Missing)	60 (1.0%)
Parent marital status at age 12	
No, divorced	341 (6.2%)
No, one or both of them had died	176 (3.2%)
No, they were never married	827 (15%)
Unsure	132 (2.4%)
Yes, married	3,999 (73%)
(Missing)	301 (5.2%)
Subjective financial status of family growing up	
Found it difficult	1,712 (30%)
Found it very difficult	369 (6.4%)
Got by	1,872 (33%)
Lived comfortably	1,775 (31%)
(Missing)	48 (0.8%)
Abuse	
No	4,604 (84%)
Yes	905 (16%)
(Missing)	267 (4.6%)
Outsider growing up	
(Does not apply)	58 (1.0%)
No	4,897 (86%)
Yes	772 (13%)
(Missing)	49 (0.9%)
Self-rated health growing up	
Excellent	1,860 (32%)
Fair	743 (13%)
Good	1,677 (29%)
Poor	133 (2.3%)
Very good	1,350 (23%)
(Missing)	14 (0.2%)
Age 12 religious service attendance	
At least once a week	2,514 (44%)
Less than once a month	1,087 (19%)
Never	944 (17%)
One to three times a month	1,162 (20%)
(Missing)	69 (1.2%)
Religious affiliation at age 12	
Baha'i	1 (<0.1%)
Buddhism	1 (<0.1%)
Chinese folk/traditional religion	0 (0%)

Characteristic	N = 5,776 ¹
Christianity	5,337 (94%)
Confucianism	0 (0%)
Hinduism	1 (<0.1%)
Islam	6 (0.1%)
Jainism	0 (0%)
Judaism	8 (0.1%)
No religion/Atheist/Agnostic	328 (5.7%)
Primal, Animist, or Folk religion	2 (<0.1%)
Shinto	2 (<0.1%)
Sikhism	4 (<0.1%)
Some other religion	7 (0.1%)
Spiritism	0 (0%)
Taoism	5 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	74 (1.3%)

¹n (%)

Table S12b*Childhood predictors regression analysis results for Mexico (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.728				0.556
	Very good/somewhat good	-0.06	(-0.39,0.28)	0.17		0.05	(-0.12,0.22)	0.09	
Relationship with father	(Ref: Very bad/somewhat bad)				0.209				0.476
	Very good/somewhat good	-0.15	(-0.38,0.09)	0.12		-0.05	(-0.17,0.08)	0.07	
Parent marital status	(Ref: Parents married)				0.104				1.25e-04
	No, divorced	-0.04	(-0.29,0.21)	0.13		0.12	(-0.01,0.24)	0.06	
	No, one or both of them had died	-0.17	(-0.51,0.17)	0.17		-0.21	(-0.42,-0.00)	0.11	
	No, they were never married	-0.26	(-0.48,-0.03)	0.11		-0.17	(-0.29,-0.06)	0.06	
Subjective financial status of family growing up	(Ref: Got by)				1.55e-15				< 2e-16
	Found it difficult	-0.51	(-0.70,-0.32)	0.10		-0.41	(-0.52,-0.31)	0.06	
	Found it very difficult	-1.06	(-1.49,-0.63)	0.22		-0.67	(-0.91,-0.44)	0.12	
	Lived comfortably	0.16	(0.02,0.30)	0.07		0.16	(0.08,0.23)	0.04	
Abuse	(Ref: No)				0.013				0.002
	Yes	0.23	(0.05,0.42)	0.10		0.16	(0.06,0.26)	0.05	
Outsider growing up	(Ref: No)				0.024				0.579
	Yes	-0.26	(-0.48,-0.03)	0.11		-0.03	(-0.14,0.08)	0.06	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				1.57e-04				4.70e-04
	Excellent	0.25	(0.09,0.42)	0.08		0.09	(-0.00,0.18)	0.05	
	Fair	-0.10	(-0.38,0.19)	0.15		-0.13	(-0.29,0.03)	0.08	
	Poor	0.39	(-0.08,0.86)	0.24		0.06	(-0.21,0.33)	0.14	
	Very good	0.34	(0.17,0.52)	0.09		0.17	(0.07,0.26)	0.05	
Immigration status	(Ref: Born in this country)				0.024				7.36e-04
	Born in another country	0.39	(0.03,0.74)	0.18		0.33	(0.12,0.55)	0.11	
Age 12 religious service attendance	(Ref: Never)				0.009				2.96e-04
	At least once a week	-0.02	(-0.22,0.17)	0.10		0.12	(-0.00,0.23)	0.06	
	Less than once a month	0.23	(0.02,0.44)	0.11		0.25	(0.13,0.37)	0.06	
	One to three times a month	0.12	(-0.09,0.33)	0.11		0.11	(-0.02,0.23)	0.06	
	(Ref: 1998-2005; current age: 18-24)				1.46e-06				0.715
Year of birth	1993-1998; age 25-29	0.53	(0.27,0.79)	0.13		-0.04	(-0.16,0.07)	0.06	
	1983-1993; age 30-39	0.73	(0.50,0.96)	0.12		-0.03	(-0.13,0.07)	0.05	
	1973-1983; age 40-49	0.63	(0.37,0.88)	0.13		-0.09	(-0.20,0.03)	0.06	
	1963-1973; age 50-59	0.60	(0.33,0.87)	0.14		-0.05	(-0.17,0.08)	0.06	
	1953-1963; age 60-69	0.69	(0.39,0.99)	0.15		-0.01	(-0.16,0.14)	0.08	
	1943-1953; age 70-79	0.65	(0.24,1.07)	0.21		-0.23	(-0.50,0.03)	0.14	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	0.17	(-0.60,0.95)	0.40	< 2e-16	-0.06	(-0.44,0.32)	0.19	0.207
	Female	0.04	(-0.08,0.17)	0.06		0.00	(-0.07,0.07)	0.04	
	Other	-10.32	(-16.18,-4.45)	2.79		0.65	(-0.09,1.39)	0.38	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Christianity	-0.27	(-0.52,-0.02)	0.13	0.094	-0.05	(-0.19,0.10)	0.07	0.619
	Collapsed affiliations with prevalence<3% (Ref: Plurality group)	-0.26	(-1.15,0.63)	0.45		-0.20	(-0.68,0.28)	0.25	
Race/ethnicity	Non-plurality groups	-0.39	(-0.53,-0.25)	0.07	9.44e-09	-0.26	(-0.34,-0.18)	0.04	4.79e-12

Table S12c*Sensitivity to unmeasured confounding of childhood predictors in Mexico*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.30	1.00	1.28	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.59	1.00	1.27	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.26	1.00	1.50	1.00
	No, one or both of them had died	1.65	1.00	1.78	1.07
	No, they were never married	1.91	1.22	1.67	1.31
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	2.72	2.10	2.39	2.05
	Found it very difficult	5.23	3.16	3.33	2.47
	Lived comfortably	1.63	1.16	1.62	1.38
Abuse	(Ref: No)				
	Yes	1.84	1.27	1.62	1.31
Outsider growing up	(Ref: No)				
	Yes	1.90	1.21	1.21	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.90	1.41	1.41	1.00
	Fair	1.44	1.00	1.53	1.00
	Poor	2.32	1.00	1.32	1.00
	Very good	2.17	1.65	1.64	1.35
Immigration status	(Ref: Born in this country)				
	Born in another country	2.30	1.22	2.14	1.50
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.18	1.00	1.49	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.83	1.18	1.88	1.53
	One to three times a month	1.51	1.00	1.47	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	2.79	1.95	1.26	1.00
	1983-1993; age 30-39	3.57	2.67	1.20	1.00
	1973-1983; age 40-49	3.16	2.27	1.40	1.00
	1963-1973; age 50-59	3.05	2.13	1.27	1.00
	1953-1963; age 60-69	3.41	2.31	1.13	1.00
	1943-1953; age 70-79	3.25	1.85	1.83	1.00
	1943 or earlier; age 80+	1.66	1.00	1.32	1.00
Gender	(Ref: Male)				
	Female	1.25	1.00	1.02	1.00
	Other	60544.07	171.47	3.24	1.00
Religious affiliation	(Ref: No religion/Atheist/Agnostic)				
	Christianity	1.96	1.18	1.28	1.00
	Collapsed affiliations with prevalence<3%	1.92	1.00	1.75	1.00
Race/ethnicity	(Ref: Plurality group)				
	Non-plurality groups	2.32	1.89	1.93	1.69

Table S13a*Nationally representative descriptive statistics for Nigeria.*

Nigeria	
Characteristic	N = 6,827¹
Education (years)	
Up to 8 years	2,575 (38%)
9 to 15 years	4,120 (60%)
16 or more years	130 (1.9%)
(Missing)	2 (<0.1%)
Education highschool equivalency	
Did not complete highschool	2,927 (43%)
Highschool equivalence or higher	3,898 (57%)
(Missing)	2 (<0.1%)
Age group	
18-24	1,533 (22%)
25-29	1,193 (17%)
30-39	1,943 (28%)
40-49	1,059 (16%)
50-59	619 (9.1%)
60-69	296 (4.3%)
70-79	133 (2.0%)
80 or older	50 (0.7%)
(Missing)	0 (0%)
Gender	
Female	3,456 (51%)
Male	3,371 (49%)
Other	0 (<0.1%)
Prefer not to answer	0 (0%)
(Missing)	0 (0%)
Race/Ethnicity	
Nigeria: Edo	116 (1.7%)
Nigeria: Efik	48 (0.7%)
Nigeria: Fulani	266 (3.9%)
Nigeria: Hausa	2,342 (34%)
Nigeria: Ibibio	180 (2.6%)
Nigeria: Idoma	61 (0.9%)
Nigeria: Igala	77 (1.1%)
Nigeria: Igbo (Ibo)	1,111 (16%)
Nigeria: Ijaw	110 (1.6%)
Nigeria: Kanuri	31 (0.5%)
Nigeria: Tiv	198 (2.9%)
Nigeria: Urhobo	38 (0.6%)
Nigeria: Yoruba	1,230 (18%)
Other	1,014 (15%)
(Missing)	4 (<0.1%)
Immigration status	
Born in another country	47 (0.7%)
Born in this country	6,779 (99%)

Characteristic	N = 6,827 ¹
(Missing)	1 (<0.1%)
Relationship with mother growing up	
Very good	5,986 (88%)
Somewhat good	648 (9.5%)
Somewhat bad	62 (0.9%)
Very bad	18 (0.3%)
(Does not apply)	104 (1.5%)
(Missing)	9 (0.1%)
Relationship with father growing up	
Very good	5,578 (82%)
Somewhat good	924 (14%)
Somewhat bad	76 (1.1%)
Very bad	43 (0.6%)
(Does not apply)	177 (2.6%)
(Missing)	29 (0.4%)
Parent marital status at age 12	
No, divorced	307 (4.6%)
No, one or both of them had died	462 (6.9%)
No, they were never married	335 (5.0%)
Unsure	59 (0.9%)
Yes, married	5,568 (83%)
(Missing)	95 (1.4%)
Subjective financial status of family growing up	
Found it difficult	1,661 (24%)
Found it very difficult	563 (8.3%)
Got by	2,381 (35%)
Lived comfortably	2,192 (32%)
(Missing)	29 (0.4%)
Abuse	
No	5,851 (87%)
Yes	880 (13%)
(Missing)	96 (1.4%)
Outsider growing up	
(Does not apply)	86 (1.3%)
No	6,059 (89%)
Yes	669 (9.8%)
(Missing)	13 (0.2%)
Self-rated health growing up	
Excellent	2,644 (39%)
Fair	306 (4.5%)
Good	1,152 (17%)
Poor	98 (1.4%)
Very good	2,613 (38%)
(Missing)	14 (0.2%)
Age 12 religious service attendance	
At least once a week	5,907 (87%)
Less than once a month	136 (2.0%)

Characteristic	N = 6,827 ¹
Never	138 (2.0%)
One to three times a month	600 (8.9%)
(Missing)	45 (0.7%)
Religious affiliation at age 12	
Baha'i	0 (0%)
Buddhism	0 (<0.1%)
Chinese folk/traditional religion	0 (0%)
Christianity	3,463 (51%)
Confucianism	0 (<0.1%)
Hinduism	0 (0%)
Islam	3,314 (49%)
Jainism	0 (0%)
Judaism	0 (0%)
No religion/Atheist/Agnostic	19 (0.3%)
Primal, Animist, or Folk religion	17 (0.3%)
Shinto	0 (0%)
Sikhism	0 (0%)
Some other religion	0 (0%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	14 (0.2%)

¹n (%)

Table S13b

Childhood predictors regression analysis results for Nigeria (all estimates on log-risk scale)

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.629				0.773
	Very good/somewhat good	-0.22	(-1.12,0.68)	0.46		0.03	(-0.20,0.27)	0.12	
Relationship with father	(Ref: Very bad/somewhat bad)				0.929				0.130
	Very good/somewhat good	0.03	(-0.96,1.01)	0.50		-0.13	(-0.29,0.04)	0.09	
Parent marital status	(Ref: Parents married)				0.666				0.299
	No, divorced	-0.03	(-0.69,0.62)	0.33		-0.08	(-0.21,0.05)	0.07	
	No, one or both of them had died	-0.05	(-0.62,0.51)	0.29		-0.04	(-0.17,0.09)	0.07	
	No, they were never married	0.27	(-0.22,0.75)	0.25		0.06	(-0.04,0.17)	0.05	
Subjective financial status of family growing up	(Ref: Got by)				0.189				2.61e-08
	Found it difficult	0.30	(-0.04,0.65)	0.17		-0.16	(-0.25,-0.07)	0.04	
	Found it very difficult	0.16	(-0.46,0.78)	0.32		-0.38	(-0.53,-0.24)	0.07	
	Lived comfortably	0.37	(-0.03,0.77)	0.20		0.02	(-0.06,0.09)	0.04	
Abuse	(Ref: No)				0.203				0.817
	Yes	0.25	(-0.14,0.63)	0.20		0.01	(-0.08,0.10)	0.05	
Outsider growing up	(Ref: No)				0.704				0.004
	Yes	-0.10	(-0.63,0.44)	0.27		-0.18	(-0.31,-0.06)	0.06	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.166				0.150
	Excellent	0.56	(0.10,1.01)	0.23		0.06	(-0.04,0.15)	0.05	
	Fair	0.19	(-0.67,1.06)	0.44		-0.13	(-0.32,0.06)	0.10	
	Poor	0.77	(-0.46,1.99)	0.63		-0.22	(-0.54,0.11)	0.17	
	Very good	0.39	(-0.08,0.87)	0.24		-0.02	(-0.11,0.07)	0.05	
Immigration status	(Ref: Born in this country)				< 2e-16				0.071
	Born in another country	-15.03	(-15.63,-14.44)	0.30		-0.36	(-0.74,0.03)	0.20	
Age 12 religious service attendance	(Ref: Never)				0.718				0.004
	At least once a week	0.20	(-1.22,1.62)	0.72		0.66	(0.18,1.14)	0.24	
	Less than once a month	-0.43	(-2.34,1.48)	0.97		0.85	(0.34,1.37)	0.26	
	One to three times a month	0.07	(-1.47,1.61)	0.78		0.59	(0.11,1.07)	0.24	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				1.77e-12
Year of birth	1993-1998; age 25-29	0.92	(0.36,1.47)	0.28		-0.02	(-0.09,0.05)	0.04	
	1983-1993; age 30-39	1.54	(1.04,2.03)	0.25		-0.15	(-0.21,-0.08)	0.03	
	1973-1983; age 40-49	1.32	(0.69,1.95)	0.32		-0.34	(-0.45,-0.23)	0.05	
	1963-1973; age 50-59	0.45	(-0.46,1.36)	0.46		-0.60	(-0.78,-0.42)	0.09	
	1953-1963; age 60-69	0.79	(-0.13,1.72)	0.47		-0.62	(-0.89,-0.35)	0.14	
	1943-1953; age 70-79	-14.51	(-15.16,-13.86)	0.33		-1.09	(-1.68,-0.51)	0.30	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+	-14.43	(-15.39,-13.47)	0.49	< 2e-16	-2.03	(-3.68,-0.39)	0.84	1.62e-09
	(Ref: Male)								
	Female	-0.48	(-0.75,-0.20)	0.14		-0.15	(-0.21,-0.09)	0.03	
	Other	-16.45	(-18.50,-14.39)	1.05		0.19	(0.06,0.31)	0.06	
Religious affiliation	(Ref: Christianity)				< 2e-16				2.07e-04
	Islam	-0.30	(-0.83,0.23)	0.27		-0.28	(-0.41,-0.14)	0.07	
	Collapsed affiliations with prevalence<3%	-15.25	(-16.17,-14.33)	0.47		0.16	(-0.15,0.47)	0.16	
Race/ethnicity	(Ref: Plurality group)				6.34e-04				0.009
	Non-plurality groups	1.12	(0.49,1.76)	0.33		0.21	(0.05,0.36)	0.08	

Table S13c*Sensitivity to unmeasured confounding of childhood predictors in Nigeria*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.80	1.00	1.22	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.19	1.00	1.53	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.23	1.00	1.38	1.00
	No, one or both of them had died	1.30	1.00	1.25	1.00
	No, they were never married	1.93	1.00	1.33	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	2.05	1.00	1.63	1.36
	Found it very difficult	1.63	1.00	2.30	1.86
	Lived comfortably	2.25	1.00	1.16	1.00
Abuse	(Ref: No)				
	Yes	1.88	1.00	1.10	1.00
Outsider growing up	(Ref: No)				
	Yes	1.44	1.00	1.69	1.31
Self-rated health growing up	(Ref: Good)				
	Excellent	2.88	1.44	1.30	1.00
	Fair	1.73	1.00	1.54	1.00
	Poor	3.72	1.00	1.79	1.00
	Very good	2.33	1.00	1.15	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	6762538.28	3740738.54	2.21	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.75	1.00	3.28	1.68

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	2.44	1.00	4.13	2.17
	One to three times a month	1.34	1.00	3.01	1.49
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	4.44	2.23	1.16	1.00
	1983-1993; age 30-39	8.76	5.09	1.59	1.39
	1973-1983; age 40-49	6.94	3.38	2.16	1.84
	1963-1973; age 50-59	2.52	1.00	3.05	2.41
	1953-1963; age 60-69	3.85	1.00	3.12	2.19
	1943-1953; age 70-79	3995944.40	2083688.96	5.43	2.70
	1943 or earlier; age 80+	3693134.99	1417212.73	14.77	2.31
Gender	(Ref: Male)				
	Female	2.60	1.75	1.60	1.42
	Other	27749167.52	3561290.83	1.70	1.33
Religious affiliation	(Ref: Christianity)				
	Islam	2.03	1.00	1.97	1.57
	Collapsed affiliations with prevalence<3%	8380838.56	3336620.05	1.61	1.00
Race/ethnicity	(Ref: Plurality group)				
	Non-plurality groups	5.61	2.64	1.76	1.30

Table S14a*Nationally representative descriptive statistics for Philippines.*

Philippines	
Characteristic	N = 5,292¹
Education (years)	
Up to 8 years	1,188 (22%)
9 to 15 years	3,722 (70%)
16 or more years	381 (7.2%)
(Missing)	1 (<0.1%)
Education highschool equivalency	
Did not complete highschool	1,188 (22%)
Highschool equivalence or higher	4,103 (78%)
(Missing)	1 (<0.1%)
Age group	
18-24	1,073 (20%)
25-29	695 (13%)
30-39	1,160 (22%)
40-49	972 (18%)
50-59	732 (14%)
60-69	495 (9.4%)
70-79	143 (2.7%)
80 or older	23 (0.4%)
(Missing)	0 (0%)
Gender	
Female	2,643 (50%)
Male	2,625 (50%)
Other	13 (0.2%)
Prefer not to answer	0 (0%)
(Missing)	11 (0.2%)
Race/Ethnicity	
Other	244 (4.6%)
Philippines: Aeta	1 (<0.1%)
Philippines: Badjao	2 (<0.1%)
Philippines: Bicolano/Bikolano	300 (5.7%)
Philippines: Cebuano	656 (12%)
Philippines: Chinese-Filipino	3 (<0.1%)
Philippines: Igorot	42 (0.8%)
Philippines: Ilocano/Ilokano	429 (8.1%)
Philippines: Ilonggo/Hiligaynon	428 (8.1%)
Philippines: Kapampangan	107 (2.0%)
Philippines: Maguindanaoan	84 (1.6%)
Philippines: Mangyan	2 (<0.1%)
Philippines: Maranao	39 (0.7%)
Philippines: Masbateno	54 (1.0%)
Philippines: Pangasinense	107 (2.0%)
Philippines: Tagalog	1,691 (32%)
Philippines: Tausug	94 (1.8%)
Philippines: Visayan/Bisaya	739 (14%)

Characteristic	N = 5,292¹
Philippines: Waray	216 (4.1%)
Philippines: Zamboangueno	51 (1.0%)
(Missing)	3 (<0.1%)
Immigration status	
Born in another country	8 (0.1%)
Born in this country	5,284 (100%)
Relationship with mother growing up	
Very good	3,333 (63%)
Somewhat good	1,703 (32%)
Somewhat bad	124 (2.4%)
Very bad	39 (0.7%)
(Does not apply)	59 (1.1%)
(Missing)	35 (0.7%)
Relationship with father growing up	
Very good	3,443 (66%)
Somewhat good	1,429 (27%)
Somewhat bad	159 (3.1%)
Very bad	58 (1.1%)
(Does not apply)	108 (2.1%)
(Missing)	95 (1.8%)
Parent marital status at age 12	
No, divorced	64 (1.2%)
No, one or both of them had died	51 (1.0%)
No, they were never married	517 (9.8%)
Unsure	52 (1.0%)
Yes, married	4,575 (87%)
(Missing)	34 (0.6%)
Subjective financial status of family growing up	
Found it difficult	1,055 (20%)
Found it very difficult	291 (5.5%)
Got by	3,006 (57%)
Lived comfortably	937 (18%)
(Missing)	3 (<0.1%)
Abuse	
No	4,837 (92%)
Yes	420 (8.0%)
(Missing)	35 (0.7%)
Outsider growing up	
(Does not apply)	3 (<0.1%)
No	4,884 (92%)
Yes	395 (7.5%)
(Missing)	9 (0.2%)
Self-rated health growing up	
Excellent	1,041 (20%)
Fair	1,246 (24%)
Good	2,174 (41%)
Poor	272 (5.1%)

Characteristic	N = 5,292 ¹
Very good	559 (11%)
(Missing)	0 (<0.1%)
Age 12 religious service attendance	
At least once a week	2,453 (47%)
Less than once a month	892 (17%)
Never	201 (3.8%)
One to three times a month	1,699 (32%)
(Missing)	47 (0.9%)
Religious affiliation at age 12	
Baha'i	1 (<0.1%)
Buddhism	1 (<0.1%)
Chinese folk/traditional religion	0 (0%)
Christianity	4,968 (94%)
Confucianism	0 (0%)
Hinduism	0 (0%)
Islam	276 (5.2%)
Jainism	0 (0%)
Judaism	0 (0%)
No religion/Atheist/Agnostic	9 (0.2%)
Primal, Animist, or Folk religion	14 (0.3%)
Shinto	0 (0%)
Sikhism	4 (<0.1%)
Some other religion	9 (0.2%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	11 (0.2%)

¹n (%)

Table S14b*Childhood predictors regression analysis results for Philippines (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.042				0.646
	Very good/somewhat good	0.77	(0.01,1.53)	0.39		-0.02	(-0.12,0.08)	0.05	
Relationship with father	(Ref: Very bad/somewhat bad)				0.593				0.646
	Very good/somewhat good	0.16	(-0.46,0.77)	0.31		0.02	(-0.08,0.12)	0.05	
Parent marital status	(Ref: Parents married)				0.052				0.003
	No, divorced	-0.28	(-1.56,0.99)	0.65		0.01	(-0.12,0.14)	0.07	
	No, one or both of them had died	-0.13	(-1.28,1.02)	0.59		-0.10	(-0.33,0.13)	0.12	
	No, they were never married	-0.63	(-1.11,-0.15)	0.24		-0.12	(-0.18,-0.05)	0.03	
Subjective financial status of family growing up	(Ref: Got by)				0.003				1.70e-08
	Found it difficult	-0.55	(-0.92,-0.19)	0.19		-0.10	(-0.16,-0.05)	0.03	
	Found it very difficult	-1.01	(-1.75,-0.27)	0.38		-0.40	(-0.54,-0.26)	0.07	
	Lived comfortably	-0.10	(-0.42,0.22)	0.16		-0.00	(-0.05,0.04)	0.02	
Abuse	(Ref: No)				0.344				0.173
	Yes	0.20	(-0.22,0.62)	0.21		-0.05	(-0.13,0.02)	0.04	
Outsider growing up	(Ref: No)				0.013				2.56e-05
	Yes	-0.75	(-1.35,-0.16)	0.30		-0.22	(-0.32,-0.12)	0.05	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				1.15e-05				0.014
	Excellent	0.47	(0.19,0.75)	0.14		0.04	(-0.00,0.09)	0.02	
	Fair	-0.14	(-0.51,0.23)	0.19		-0.04	(-0.09,0.01)	0.03	
	Poor	0.20	(-0.33,0.72)	0.27		0.00	(-0.09,0.10)	0.05	
	Very good	0.82	(0.47,1.16)	0.18		0.06	(0.01,0.11)	0.03	
Immigration status	(Ref: Born in this country)				0.666				0.233
	Born in another country	0.49	(-1.76,2.74)	1.15		0.14	(-0.09,0.38)	0.12	
Age 12 religious service attendance	(Ref: Never)				0.793				0.006
	At least once a week	0.29	(-0.48,1.05)	0.39		0.13	(0.01,0.24)	0.06	
	Less than once a month	0.14	(-0.63,0.91)	0.39		0.04	(-0.08,0.17)	0.06	
	One to three times a month	0.28	(-0.48,1.04)	0.39		0.10	(-0.02,0.23)	0.06	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	1.29	(0.82,1.76)	0.24		-0.05	(-0.11,-0.00)	0.03	
	1983-1993; age 30-39	1.13	(0.69,1.57)	0.23		-0.09	(-0.14,-0.05)	0.02	
	1973-1983; age 40-49	0.92	(0.44,1.39)	0.24		-0.14	(-0.19,-0.09)	0.03	
	1963-1973; age 50-59	0.76	(0.24,1.28)	0.26		-0.23	(-0.29,-0.16)	0.03	
	1953-1963; age 60-69	0.70	(0.06,1.35)	0.33		-0.56	(-0.68,-0.44)	0.06	
	1943-1953; age 70-79	0.83	(-0.16,1.82)	0.50		-0.65	(-0.90,-0.41)	0.13	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	-12.57	(-13.25,-11.88)	0.35	0.155	-0.93	(-1.59,-0.28)	0.34	0.122
	Female	0.16	(-0.09,0.41)	0.13		0.04	(0.00,0.07)	0.02	
	Other	0.91	(-0.17,2.00)	0.55		0.02	(-0.21,0.25)	0.12	
Religious affiliation	(Ref: Christianity)				0.372				0.003
	Islam	0.13	(-0.72,0.98)	0.43		-0.21	(-0.33,-0.09)	0.06	
	Collapsed affiliations with prevalence<3%	0.74	(-0.32,1.81)	0.54		-0.17	(-0.54,0.20)	0.19	
Race/ethnicity	(Ref: Plurality group)				0.214				0.199
	Non-plurality groups	0.18	(-0.10,0.47)	0.15		-0.02	(-0.06,0.01)	0.02	

Table S14c*Sensitivity to unmeasured confounding of childhood predictors in Philippines*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	3.74	1.14	1.17	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.62	1.00	1.17	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.98	1.00	1.11	1.00
	No, one or both of them had died	1.53	1.00	1.43	1.00
	No, they were never married	3.15	1.59	1.50	1.30
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	2.87	1.71	1.46	1.28
	Found it very difficult	4.93	1.94	2.35	1.92
	Lived comfortably	1.45	1.00	1.07	1.00
Abuse	(Ref: No)				
	Yes	1.74	1.00	1.30	1.00
Outsider growing up	(Ref: No)				
	Yes	3.66	1.61	1.79	1.49
Self-rated health growing up	(Ref: Good)				
	Excellent	2.57	1.70	1.25	1.00
	Fair	1.57	1.00	1.24	1.00
	Poor	1.73	1.00	1.07	1.00
	Very good	3.95	2.58	1.30	1.08
Immigration status	(Ref: Born in this country)				
	Born in another country	2.64	1.00	1.58	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	2.00	1.00	1.52	1.08

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.56	1.00	1.26	1.00
	One to three times a month	1.97	1.00	1.46	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	6.74	3.98	1.30	1.05
	1983-1993; age 30-39	5.64	3.38	1.43	1.29
	1973-1983; age 40-49	4.45	2.49	1.55	1.41
	1963-1973; age 50-59	3.69	1.86	1.82	1.63
	1953-1963; age 60-69	3.46	1.30	2.90	2.47
	1943-1953; age 70-79	4.03	1.00	3.25	2.37
Gender	1943 or earlier; age 80+	573207.08	288813.63	4.53	1.97
	(Ref: Male)				
	Female	1.63	1.00	1.24	1.04
Religious affiliation	Other	4.43	1.00	1.17	1.00
	(Ref: Christianity)				
	Islam	1.53	1.00	1.76	1.40
Race/ethnicity	Collapsed affiliations with prevalence<3%	3.63	1.00	1.65	1.00
	(Ref: Plurality group)				
	Non-plurality groups	1.69	1.00	1.18	1.00

Table S15a*Nationally representative descriptive statistics for Poland.*

Poland	
Characteristic	N = 10,389¹
Education (years)	
Up to 8 years	1,238 (12%)
9 to 15 years	6,130 (59%)
16 or more years	3,020 (29%)
(Missing)	1 (<0.1%)
Education highschool equivalency	
Did not complete highschool	3,400 (33%)
Highschool equivalence or higher	6,988 (67%)
(Missing)	1 (<0.1%)
Age group	
18-24	955 (9.2%)
25-29	761 (7.3%)
30-39	2,159 (21%)
40-49	1,956 (19%)
50-59	1,670 (16%)
60-69	1,909 (18%)
70-79	833 (8.0%)
80 or older	145 (1.4%)
(Missing)	1 (<0.1%)
Gender	
Female	5,387 (52%)
Male	4,974 (48%)
Other	3 (<0.1%)
Prefer not to answer	26 (0.2%)
(Missing)	0 (0%)
Race/Ethnicity	
Other	4 (<0.1%)
Poland: Belarussian	2 (<0.1%)
Poland: German	4 (<0.1%)
Poland: Kashubians	3 (<0.1%)
Poland: Polish	10,309 (99%)
Poland: Silesia	14 (0.1%)
Poland: Ukrainian	38 (0.4%)
(Missing)	14 (0.1%)
Immigration status	
Born in another country	108 (1.0%)
Born in this country	10,258 (99%)
(Missing)	23 (0.2%)
Relationship with mother growing up	
Very good	4,879 (47%)
Somewhat good	4,973 (48%)
Somewhat bad	285 (2.8%)
Very bad	58 (0.6%)
(Does not apply)	80 (0.8%)

Characteristic	N = 10,389 ¹
(Missing)	112 (1.1%)
Relationship with father growing up	
Very good	4,231 (41%)
Somewhat good	4,984 (49%)
Somewhat bad	516 (5.1%)
Very bad	78 (0.8%)
(Does not apply)	407 (4.0%)
(Missing)	173 (1.7%)
Parent marital status at age 12	
No, divorced	587 (5.7%)
No, one or both of them had died	313 (3.0%)
No, they were never married	193 (1.9%)
Unsure	230 (2.2%)
Yes, married	8,972 (87%)
(Missing)	95 (0.9%)
Subjective financial status of family growing up	
Found it difficult	2,133 (21%)
Found it very difficult	509 (4.9%)
Got by	6,257 (61%)
Lived comfortably	1,384 (13%)
(Missing)	106 (1.0%)
Abuse	
No	10,009 (97%)
Yes	325 (3.1%)
(Missing)	55 (0.5%)
Outsider growing up	
(Does not apply)	33 (0.3%)
No	9,615 (95%)
Yes	490 (4.8%)
(Missing)	252 (2.4%)
Self-rated health growing up	
Excellent	2,676 (26%)
Fair	406 (3.9%)
Good	1,779 (17%)
Poor	123 (1.2%)
Very good	5,371 (52%)
(Missing)	34 (0.3%)
Age 12 religious service attendance	
At least once a week	4,751 (48%)
Less than once a month	2,161 (22%)
Never	354 (3.6%)
One to three times a month	2,689 (27%)
(Missing)	434 (4.2%)
Religious affiliation at age 12	
Baha'i	0 (0%)
Buddhism	2 (<0.1%)
Chinese folk/traditional religion	0 (0%)

Characteristic	N = 10,389 ¹
Christianity	9,861 (95%)
Confucianism	0 (0%)
Hinduism	0 (0%)
Islam	3 (<0.1%)
Jainism	0 (0%)
Judaism	0 (0%)
No religion/Atheist/Agnostic	482 (4.7%)
Primal, Animist, or Folk religion	5 (<0.1%)
Shinto	0 (0%)
Sikhism	1 (<0.1%)
Some other religion	0 (0%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	35 (0.3%)

¹n (%)

Table S15b*Childhood predictors regression analysis results for Poland (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.522				0.153
	Very good/somewhat good	0.08	(-0.18,0.33)	0.13		0.13	(-0.06,0.31)	0.09	
Relationship with father	(Ref: Very bad/somewhat bad)				0.857				0.742
	Very good/somewhat good	0.00	(-0.20,0.20)	0.10		-0.02	(-0.15,0.12)	0.07	
Parent marital status	(Ref: Parents married)				0.429				0.719
	No, divorced	0.05	(-0.12,0.22)	0.09		-0.02	(-0.11,0.08)	0.05	
	No, one or both of them had died	0.09	(-0.16,0.34)	0.13		-0.05	(-0.22,0.12)	0.09	
	No, they were never married	-0.15	(-0.41,0.10)	0.13		-0.05	(-0.23,0.12)	0.09	
Subjective financial status of family growing up	(Ref: Got by)				1.05e-12				2.10e-09
	Found it difficult	-0.17	(-0.29,-0.05)	0.06		-0.13	(-0.20,-0.07)	0.03	
	Found it very difficult	-0.29	(-0.57,-0.01)	0.14		-0.37	(-0.57,-0.18)	0.10	
	Lived comfortably	0.36	(0.25,0.47)	0.05		0.09	(0.04,0.14)	0.03	
Abuse	(Ref: No)				0.500				0.361
	Yes	0.08	(-0.16,0.32)	0.12		-0.06	(-0.20,0.08)	0.07	
Outsider growing up	(Ref: No)				0.115				0.128
	Yes	-0.16	(-0.36,0.05)	0.10		-0.09	(-0.22,0.04)	0.07	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.685				0.245
	Excellent	0.05	(-0.10,0.21)	0.08		0.07	(-0.01,0.15)	0.04	
	Fair	0.11	(-0.17,0.40)	0.14		0.04	(-0.11,0.20)	0.08	
	Poor	-0.11	(-0.68,0.46)	0.29		-0.24	(-0.69,0.21)	0.23	
	Very good	0.09	(-0.05,0.22)	0.07		0.07	(0.00,0.14)	0.03	
Immigration status	(Ref: Born in this country)				0.056				0.724
	Born in another country	0.35	(-0.01,0.72)	0.19		0.05	(-0.24,0.35)	0.15	
Age 12 religious service attendance	(Ref: Never)				0.014				0.094
	At least once a week	0.28	(0.04,0.52)	0.12		-0.01	(-0.12,0.11)	0.06	
	Less than once a month	0.15	(-0.09,0.40)	0.13		-0.02	(-0.14,0.10)	0.06	
	One to three times a month	0.33	(0.08,0.58)	0.13		0.05	(-0.07,0.17)	0.06	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	1.37	(1.08,1.65)	0.15		0.39	(0.29,0.48)	0.05	
	1983-1993; age 30-39	1.38	(1.08,1.67)	0.15		0.34	(0.24,0.44)	0.05	
	1973-1983; age 40-49	1.08	(0.79,1.38)	0.15		0.22	(0.11,0.33)	0.05	
	1963-1973; age 50-59	0.74	(0.44,1.04)	0.15		0.04	(-0.06,0.15)	0.05	
	1953-1963; age 60-69	0.79	(0.46,1.12)	0.17		0.03	(-0.09,0.15)	0.06	
	1943-1953; age 70-79	1.16	(0.80,1.51)	0.18		0.11	(-0.05,0.27)	0.08	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	1.61	(1.18,2.05)	0.22	5.38e-08	0.26	(0.00,0.51)	0.13	2.15e-13
	Female	0.23	(0.15,0.31)	0.04		0.18	(0.13,0.22)	0.02	
	Other	0.92	(-0.22,2.05)	0.58		0.38	(-0.01,0.76)	0.20	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Christianity	-0.52	(-0.67,-0.36)	0.08	6.43e-11	-0.20	(-0.29,-0.11)	0.04	5.44e-07
	Collapsed affiliations with prevalence<3%	0.04	(-0.48,0.56)	0.27		0.05	(-0.15,0.24)	0.10	
	(Ref: Plurality group)								
Race/ethnicity	Non-plurality groups	-0.27	(-0.73,0.19)	0.23	0.246	-0.10	(-0.45,0.24)	0.18	0.558

Table S15c*Sensitivity to unmeasured confounding of childhood predictors in Poland*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.38	1.00	1.53	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.07	1.00	1.16	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.29	1.00	1.14	1.00
	No, one or both of them had died	1.41	1.00	1.29	1.00
	No, they were never married	1.60	1.00	1.30	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.66	1.29	1.55	1.35
	Found it very difficult	2.01	1.12	2.27	1.68
	Lived comfortably	2.22	1.90	1.42	1.23
Abuse	(Ref: No)				
	Yes	1.39	1.00	1.33	1.00
Outsider growing up	(Ref: No)				
	Yes	1.61	1.00	1.42	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.30	1.00	1.34	1.00
	Fair	1.49	1.00	1.26	1.00
	Poor	1.47	1.00	1.86	1.00
	Very good	1.40	1.00	1.35	1.02
Immigration status	(Ref: Born in this country)				
	Born in another country	2.20	1.00	1.29	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.97	1.24	1.09	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.61	1.00	1.15	1.00
	One to three times a month	2.13	1.39	1.29	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	7.31	5.34	2.31	2.02
	1983-1993; age 30-39	7.37	5.34	2.15	1.85
	1973-1983; age 40-49	5.37	3.83	1.80	1.48
	1963-1973; age 50-59	3.60	2.47	1.25	1.00
	1953-1963; age 60-69	3.84	2.54	1.20	1.00
	1943-1953; age 70-79	5.80	3.86	1.47	1.00
Gender	1943 or earlier; age 80+	9.52	5.96	1.91	1.04
	(Ref: Male)				
	Female	1.82	1.59	1.67	1.54
Religious affiliation	Other	4.45	1.00	2.28	1.00
	(Ref: No religion/Atheist/Agnostic)				
	Christianity	2.75	2.24	1.74	1.48
Race/ethnicity	Collapsed affiliations with prevalence<3%	1.24	1.00	1.27	1.00
	(Ref: Plurality group)				
	Non-plurality groups	1.95	1.00	1.46	1.00

Table S16a*Nationally representative descriptive statistics for South Africa.*

South Africa	
Characteristic	N = 2,651¹
Education (years)	
Up to 8 years	668 (25%)
9 to 15 years	1,796 (68%)
16 or more years	183 (6.9%)
(Missing)	4 (0.2%)
Education highschool equivalency	
Did not complete highschool	1,350 (51%)
Highschool equivalence or higher	1,296 (49%)
(Missing)	4 (0.2%)
Age group	
18-24	461 (17%)
25-29	364 (14%)
30-39	655 (25%)
40-49	522 (20%)
50-59	309 (12%)
60-69	195 (7.4%)
70-79	120 (4.5%)
80 or older	17 (0.6%)
(Missing)	9 (0.3%)
Gender	
Female	1,356 (51%)
Male	1,288 (49%)
Other	2 (<0.1%)
Prefer not to answer	0 (0%)
(Missing)	4 (0.2%)
Race/Ethnicity	
Other	1 (<0.1%)
South Africa: Asian/Indian	6 (0.2%)
South Africa: Black	2,381 (90%)
South Africa: Colored	252 (9.5%)
South Africa: White	8 (0.3%)
(Missing)	3 (0.1%)
Immigration status	
Born in another country	139 (5.2%)
Born in this country	2,511 (95%)
(Missing)	1 (<0.1%)
Relationship with mother growing up	
Very good	2,186 (83%)
Somewhat good	263 (10%)
Somewhat bad	51 (1.9%)
Very bad	39 (1.5%)
(Does not apply)	90 (3.4%)
(Missing)	21 (0.8%)
Relationship with father growing up	

Characteristic	N = 2,651 ¹
Very good	1,656 (65%)
Somewhat good	333 (13%)
Somewhat bad	86 (3.4%)
Very bad	159 (6.2%)
(Does not apply)	331 (13%)
(Missing)	85 (3.2%)
Parent marital status at age 12	
No, divorced	131 (5.2%)
No, one or both of them had died	140 (5.6%)
No, they were never married	904 (36%)
Unsure	34 (1.3%)
Yes, married	1,321 (52%)
(Missing)	121 (4.6%)
Subjective financial status of family growing up	
Found it difficult	432 (16%)
Found it very difficult	289 (11%)
Got by	875 (33%)
Lived comfortably	1,050 (40%)
(Missing)	5 (0.2%)
Abuse	
No	2,149 (83%)
Yes	450 (17%)
(Missing)	52 (2.0%)
Outsider growing up	
(Does not apply)	3 (0.1%)
No	2,211 (83%)
Yes	434 (16%)
(Missing)	3 (<0.1%)
Self-rated health growing up	
Excellent	1,225 (46%)
Fair	266 (10%)
Good	370 (14%)
Poor	183 (7.0%)
Very good	590 (22%)
(Missing)	17 (0.6%)
Age 12 religious service attendance	
At least once a week	1,681 (64%)
Less than once a month	175 (6.7%)
Never	217 (8.3%)
One to three times a month	552 (21%)
(Missing)	26 (1.0%)
Religious affiliation at age 12	
Baha'i	0 (0%)
Buddhism	11 (0.4%)
Chinese folk/traditional religion	0 (0%)
Christianity	2,323 (89%)
Confucianism	0 (0%)

Characteristic	N = 2,651 ¹
Hinduism	2 (<0.1%)
Islam	52 (2.0%)
Jainism	0 (0%)
Judaism	0 (0%)
No religion/Atheist/Agnostic	107 (4.1%)
Primal, Animist, or Folk religion	117 (4.5%)
Shinto	2 (<0.1%)
Sikhism	0 (0%)
Some other religion	7 (0.3%)
Spiritism	0 (0%)
Taoism	1 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	27 (1.0%)

¹n (%)

Table S16b*Childhood predictors regression analysis results for South Africa (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.782				0.504
	Very good/somewhat good	0.13	(-0.80,1.06)	0.47		-0.09	(-0.35,0.17)	0.13	
Relationship with father	(Ref: Very bad/somewhat bad)				0.148				0.173
	Very good/somewhat good	0.39	(-0.15,0.92)	0.27		0.09	(-0.04,0.21)	0.06	
Parent marital status	(Ref: Parents married)				0.019				0.436
	No, divorced	0.49	(-0.05,1.03)	0.27		0.12	(-0.04,0.28)	0.08	
	No, one or both of them had died	0.41	(-0.18,1.00)	0.30		0.06	(-0.13,0.25)	0.10	
	No, they were never married	-0.26	(-0.61,0.10)	0.18		0.03	(-0.07,0.12)	0.05	
Subjective financial status of family growing up	(Ref: Got by)				0.823				0.005
	Found it difficult	-0.01	(-0.45,0.43)	0.22		-0.16	(-0.30,-0.02)	0.07	
	Found it very difficult	-0.21	(-1.05,0.64)	0.43		-0.24	(-0.44,-0.04)	0.10	
	Lived comfortably	0.12	(-0.22,0.46)	0.17		0.05	(-0.03,0.13)	0.04	
Abuse	(Ref: No)				0.050				0.679
	Yes	-0.44	(-0.88,0.00)	0.22		0.02	(-0.10,0.15)	0.06	
Outsider growing up	(Ref: No)				0.015				0.011
	Yes	-0.73	(-1.32,-0.15)	0.30		-0.23	(-0.40,-0.05)	0.09	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.214				8.75e-04
	Excellent	0.19	(-0.34,0.72)	0.27		0.01	(-0.11,0.12)	0.06	
	Fair	-0.55	(-1.33,0.23)	0.40		-0.12	(-0.31,0.07)	0.10	
	Poor	-0.21	(-1.05,0.63)	0.43		-0.62	(-0.92,-0.32)	0.15	
	Very good	0.18	(-0.40,0.76)	0.30		-0.01	(-0.14,0.13)	0.07	
Immigration status	(Ref: Born in this country)				0.050				2.58e-05
	Born in another country	-1.01	(-2.02,-0.01)	0.51		-0.98	(-1.43,-0.54)	0.23	
Age 12 religious service attendance	(Ref: Never)				0.123				0.974
	At least once a week	-0.27	(-1.09,0.54)	0.42		0.03	(-0.21,0.27)	0.12	
	Less than once a month	0.21	(-0.72,1.15)	0.48		0.03	(-0.25,0.32)	0.15	
	One to three times a month	-0.35	(-1.21,0.51)	0.44		0.04	(-0.20,0.29)	0.12	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	0.91	(0.35,1.46)	0.28		-0.06	(-0.15,0.04)	0.05	
	1983-1993; age 30-39	0.70	(0.13,1.27)	0.29		-0.15	(-0.24,-0.06)	0.05	
	1973-1983; age 40-49	0.50	(-0.06,1.07)	0.29		-0.23	(-0.36,-0.11)	0.06	
	1963-1973; age 50-59	0.08	(-0.61,0.77)	0.35		-0.92	(-1.20,-0.64)	0.14	
	1953-1963; age 60-69	-1.14	(-2.21,-0.08)	0.54		-1.52	(-2.04,-1.01)	0.26	
	1943-1953; age 70-79	-15.07	(-15.67,-14.46)	0.31		-16.81	(-17.18,-16.43)	0.19	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	-15.46	(-16.50,-14.42)	0.53	< 2e-16	-1.72	(-3.13,-0.30)	0.72	2.96e-09
	Female	-0.14	(-0.45,0.16)	0.16		-0.11	(-0.20,-0.03)	0.04	
	Other	-16.11	(-17.30,-14.92)	0.61		0.42	(0.26,0.58)	0.08	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Christianity	1.31	(0.07,2.55)	0.63	0.089	0.20	(-0.15,0.54)	0.18	0.195
	Primal, Animist, or Folk religion	0.87	(-0.50,2.23)	0.70		0.05	(-0.37,0.48)	0.22	
	Collapsed affiliations with prevalence<3%	0.41	(-1.15,1.97)	0.80		-0.10	(-0.60,0.40)	0.25	
	(Ref: Plurality group)								
Race/ethnicity	Non-plurality groups	0.20	(-0.33,0.73)	0.27	0.462	0.07	(-0.11,0.25)	0.09	0.456

Table S16c*Sensitivity to unmeasured confounding of childhood predictors in South Africa*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.54	1.00	1.40	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	2.30	1.00	1.40	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	2.66	1.00	1.50	1.00
	No, one or both of them had died	2.38	1.00	1.31	1.00
	No, they were never married	1.90	1.00	1.20	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.08	1.00	1.62	1.16
	Found it very difficult	1.76	1.00	1.87	1.26
	Lived comfortably	1.51	1.00	1.30	1.00
Abuse	(Ref: No)				
	Yes	2.47	1.00	1.18	1.00
Outsider growing up	(Ref: No)				
	Yes	3.58	1.58	1.81	1.29
Self-rated health growing up	(Ref: Good)				
	Excellent	1.71	1.00	1.08	1.00
	Fair	2.85	1.00	1.51	1.00
	Poor	1.77	1.00	3.11	2.08
	Very good	1.69	1.00	1.09	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	4.94	1.09	4.79	2.81
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.95	1.00	1.21	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.78	1.00	1.22	1.00
	One to three times a month	2.19	1.00	1.25	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	4.39	2.20	1.30	1.00
	1983-1993; age 30-39	3.46	1.54	1.59	1.32
	1973-1983; age 40-49	2.69	1.00	1.84	1.47
	1963-1973; age 50-59	1.39	1.00	4.45	3.19
	1953-1963; age 60-69	5.72	1.37	8.63	4.92
	1943-1953; age 70-79	6986100.13	3806914.47	39819524.48	27376153.92
Gender	1943 or earlier; age 80+ (Ref: Male)	10373610.45	3666974.73	10.60	2.04
	Female	1.57	1.00	1.49	1.21
	Other	19800213.20	6022137.41	2.41	1.92
Religious affiliation	(Ref: No religion/Atheist/Agnostic)				
	Christianity	6.87	1.35	1.73	1.00
	Primal, Animist, or Folk religion	4.19	1.00	1.29	1.00
	Collapsed affiliations with prevalence<3%	2.39	1.00	1.45	1.00
Race/ethnicity	(Ref: Plurality group)				
	Non-plurality groups	1.74	1.00	1.35	1.00

Table S17a*Nationally representative descriptive statistics for Spain.*

Spain	
Characteristic	N = 6,290¹
Education (years)	
Up to 8 years	802 (13%)
9 to 15 years	4,145 (66%)
16 or more years	1,341 (21%)
(Missing)	2 (<0.1%)
Education highschool equivalency	
Did not complete highschool	802 (13%)
Highschool equivalence or higher	5,486 (87%)
(Missing)	2 (<0.1%)
Age group	
18-24	594 (9.4%)
25-29	450 (7.2%)
30-39	1,111 (18%)
40-49	1,396 (22%)
50-59	1,252 (20%)
60-69	977 (16%)
70-79	467 (7.4%)
80 or older	43 (0.7%)
(Missing)	0 (0%)
Gender	
Female	3,119 (50%)
Male	3,142 (50%)
Other	6 (0.1%)
Prefer not to answer	7 (0.1%)
(Missing)	15 (0.2%)
Immigration status	
Born in another country	788 (13%)
Born in this country	5,479 (87%)
(Missing)	23 (0.4%)
Relationship with mother growing up	
Very good	4,557 (73%)
Somewhat good	1,258 (20%)
Somewhat bad	248 (4.0%)
Very bad	92 (1.5%)
(Does not apply)	107 (1.7%)
(Missing)	28 (0.4%)
Relationship with father growing up	
Very good	4,131 (66%)
Somewhat good	1,397 (22%)
Somewhat bad	309 (4.9%)
Very bad	178 (2.9%)
(Does not apply)	243 (3.9%)
(Missing)	33 (0.5%)
Parent marital status at age 12	

Characteristic	N = 6,290 ¹
No, divorced	378 (6.1%)
No, one or both of them had died	126 (2.0%)
No, they were never married	312 (5.0%)
Unsure	72 (1.2%)
Yes, married	5,285 (86%)
(Missing)	116 (1.8%)
Subjective financial status of family growing up	
Found it difficult	1,154 (18%)
Found it very difficult	110 (1.8%)
Got by	2,956 (47%)
Lived comfortably	2,041 (33%)
(Missing)	29 (0.5%)
Abuse	
No	5,510 (89%)
Yes	659 (11%)
(Missing)	122 (1.9%)
Outsider growing up	
(Does not apply)	36 (0.6%)
No	5,637 (90%)
Yes	579 (9.3%)
(Missing)	39 (0.6%)
Self-rated health growing up	
Excellent	2,450 (39%)
Fair	164 (2.6%)
Good	1,235 (20%)
Poor	135 (2.1%)
Very good	2,286 (36%)
(Missing)	20 (0.3%)
Age 12 religious service attendance	
At least once a week	2,391 (38%)
Less than once a month	1,287 (21%)
Never	1,445 (23%)
One to three times a month	1,132 (18%)
(Missing)	36 (0.6%)
Religious affiliation at age 12	
Baha'i	0 (0%)
Buddhism	8 (0.1%)
Chinese folk/traditional religion	0 (0%)
Christianity	5,119 (82%)
Confucianism	1 (<0.1%)
Hinduism	5 (<0.1%)
Islam	132 (2.1%)
Jainism	0 (0%)
Judaism	5 (<0.1%)
No religion/Atheist/Agnostic	972 (16%)
Primal, Animist, or Folk religion	4 (<0.1%)
Shinto	0 (0%)

Characteristic	N = 6,290 ¹
Sikhism	2 (<0.1%)
Some other religion	13 (0.2%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	29 (0.5%)

¹n (%)

Table S17b*Childhood predictors regression analysis results for Spain (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.712				0.663
	Very good/somewhat good	0.05	(-0.23,0.33)	0.14		0.02	(-0.06,0.09)	0.04	
Relationship with father	(Ref: Very bad/somewhat bad)				0.114				0.807
	Very good/somewhat good	-0.17	(-0.39,0.04)	0.11		0.01	(-0.05,0.07)	0.03	
Parent marital status	(Ref: Parents married)				0.009				0.007
	No, divorced	-0.21	(-0.46,0.04)	0.13		-0.06	(-0.13,0.00)	0.03	
	No, one or both of them had died	0.24	(-0.16,0.64)	0.20		0.07	(-0.01,0.15)	0.04	
	No, they were never married	-0.36	(-0.63,-0.09)	0.14		-0.06	(-0.12,0.00)	0.03	
Subjective financial status of family growing up	(Ref: Got by)				3.55e-08				0.108
	Found it difficult	-0.45	(-0.65,-0.26)	0.10		-0.03	(-0.08,0.01)	0.02	
	Found it very difficult	0.05	(-0.49,0.59)	0.28		0.00	(-0.09,0.10)	0.05	
	Lived comfortably	0.18	(0.05,0.31)	0.07		0.02	(-0.01,0.06)	0.02	
Abuse	(Ref: No)				0.208				0.822
	Yes	-0.13	(-0.34,0.08)	0.11		-0.00	(-0.05,0.04)	0.02	
Outsider growing up	(Ref: No)				0.053				0.051
	Yes	-0.19	(-0.38,0.00)	0.10		-0.05	(-0.11,0.00)	0.03	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.910				0.066
	Excellent	-0.03	(-0.20,0.15)	0.09		-0.04	(-0.09,-0.00)	0.02	
	Fair	-0.06	(-0.54,0.42)	0.25		0.06	(-0.03,0.14)	0.04	
	Poor	0.17	(-0.30,0.65)	0.24		0.04	(-0.07,0.15)	0.06	
	Very good	-0.04	(-0.21,0.13)	0.09		-0.02	(-0.06,0.03)	0.02	
Immigration status	(Ref: Born in this country)				0.002				0.086
	Born in another country	0.24	(0.09,0.39)	0.08		-0.04	(-0.08,0.01)	0.02	
Age 12 religious service attendance	(Ref: Never)				0.321				0.390
	At least once a week	-0.04	(-0.20,0.12)	0.08		0.03	(-0.01,0.07)	0.02	
	Less than once a month	-0.15	(-0.33,0.02)	0.09		0.02	(-0.03,0.06)	0.02	
	One to three times a month	-0.03	(-0.20,0.15)	0.09		0.03	(-0.01,0.08)	0.02	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				0.003
Year of birth	1993-1998; age 25-29	1.24	(0.93,1.54)	0.16		-0.00	(-0.06,0.05)	0.03	
	1983-1993; age 30-39	1.08	(0.80,1.37)	0.14		-0.00	(-0.04,0.04)	0.02	
	1973-1983; age 40-49	0.95	(0.67,1.23)	0.14		0.00	(-0.04,0.05)	0.02	
	1963-1973; age 50-59	0.81	(0.52,1.11)	0.15		-0.01	(-0.06,0.03)	0.02	
	1953-1963; age 60-69	0.38	(0.04,0.72)	0.17		-0.10	(-0.17,-0.03)	0.03	
	1943-1953; age 70-79	0.50	(0.05,0.94)	0.23		-0.18	(-0.29,-0.06)	0.06	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+	-0.10	(-1.02,0.83)	0.47	0.260	0.01	(-0.12,0.13)	0.07	0.398
	(Ref: Male)								
	Female	0.03	(-0.09,0.14)	0.06		0.02	(-0.01,0.05)	0.02	
	Other	0.58	(-0.13,1.28)	0.36		-0.04	(-0.38,0.31)	0.17	
Religious affiliation	(Ref: No religion/Atheist/A gnostic)				0.002				0.012
	Christianity	0.12	(-0.04,0.29)	0.08		-0.00	(-0.04,0.04)	0.02	
	Collapsed affiliations with prevalence<3%	-0.62	(-1.08,-0.16)	0.24		-0.19	(-0.31,-0.06)	0.06	
Race/ethnicity	(Ref: Plurality group)								

Table S17c*Sensitivity to unmeasured confounding of childhood predictors in Spain*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.28	1.00	1.14	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.66	1.00	1.09	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.76	1.00	1.33	1.00
	No, one or both of them had died	1.85	1.00	1.35	1.00
	No, they were never married	2.23	1.42	1.32	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	2.53	1.93	1.22	1.00
	Found it very difficult	1.30	1.00	1.07	1.00
	Lived comfortably	1.68	1.27	1.18	1.00
Abuse	(Ref: No)				
	Yes	1.54	1.00	1.07	1.00
Outsider growing up	(Ref: No)				
	Yes	1.70	1.00	1.30	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.19	1.00	1.26	1.03
	Fair	1.33	1.00	1.31	1.00
	Poor	1.66	1.00	1.23	1.00
	Very good	1.24	1.00	1.14	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	1.86	1.42	1.23	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.23	1.00	1.21	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.61	1.00	1.15	1.00
	One to three times a month	1.19	1.00	1.23	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	6.34	4.51	1.05	1.00
	1983-1993; age 30-39	5.36	3.88	1.01	1.00
	1973-1983; age 40-49	4.61	3.31	1.07	1.00
	1963-1973; age 50-59	3.95	2.76	1.14	1.00
	1953-1963; age 60-69	2.28	1.23	1.45	1.22
	1943-1953; age 70-79	2.67	1.29	1.68	1.33
Gender	1943 or earlier; age 80+	1.44	1.00	1.09	1.00
	(Ref: Male)				
	Female	1.20	1.00	1.16	1.00
Religious affiliation	Other	2.96	1.00	1.23	1.00
	(Ref: No religion/Atheist/Agnostic)				
	Christianity	1.52	1.00	1.06	1.00
	Collapsed affiliations with prevalence<3%	3.14	1.63	1.70	1.32
Race/ethnicity	(Ref: Plurality group)				

Table S18a*Nationally representative descriptive statistics for Sweden.*

Sweden	
Characteristic	N = 15,068 ¹
Education (years)	
Up to 8 years	252 (1.7%)
9 to 15 years	10,790 (72%)
16 or more years	4,026 (27%)
(Missing)	0 (0%)
Education highschool equivalency	
Did not complete highschool	2,581 (17%)
Highschool equivalence or higher	12,487 (83%)
(Missing)	0 (0%)
Age group	
18-24	1,515 (10%)
25-29	1,399 (9.3%)
30-39	2,398 (16%)
40-49	2,221 (15%)
50-59	2,493 (17%)
60-69	2,168 (14%)
70-79	2,253 (15%)
80 or older	621 (4.1%)
(Missing)	0 (0%)
Gender	
Female	7,493 (50%)
Male	7,536 (50%)
Other	27 (0.2%)
Prefer not to answer	0 (0%)
(Missing)	12 (<0.1%)
Immigration status	
Born in another country	1,052 (7.0%)
Born in this country	13,922 (93%)
(Missing)	94 (0.6%)
Relationship with mother growing up	
Very good	8,743 (58%)
Somewhat good	4,513 (30%)
Somewhat bad	1,194 (7.9%)
Very bad	371 (2.5%)
(Does not apply)	216 (1.4%)
(Missing)	30 (0.2%)
Relationship with father growing up	
Very good	7,134 (47%)
Somewhat good	4,885 (32%)
Somewhat bad	1,588 (11%)
Very bad	725 (4.8%)
(Does not apply)	720 (4.8%)
(Missing)	16 (0.1%)
Parent marital status at age 12	

Characteristic	N = 15,068 ¹
No, divorced	1,927 (13%)
No, one or both of them had died	362 (2.4%)
No, they were never married	1,747 (12%)
Unsure	89 (0.6%)
Yes, married	10,887 (73%)
(Missing)	56 (0.4%)
Subjective financial status of family growing up	
Found it difficult	1,238 (8.2%)
Found it very difficult	140 (0.9%)
Got by	7,717 (51%)
Lived comfortably	5,951 (40%)
(Missing)	22 (0.1%)
Abuse	
No	12,735 (85%)
Yes	2,288 (15%)
(Missing)	45 (0.3%)
Outsider growing up	
(Does not apply)	139 (0.9%)
No	13,034 (87%)
Yes	1,867 (12%)
(Missing)	29 (0.2%)
Self-rated health growing up	
Excellent	5,733 (38%)
Fair	1,108 (7.4%)
Good	2,669 (18%)
Poor	397 (2.6%)
Very good	5,124 (34%)
(Missing)	38 (0.2%)
Age 12 religious service attendance	
At least once a week	955 (6.4%)
Less than once a month	6,224 (41%)
Never	6,472 (43%)
One to three times a month	1,362 (9.1%)
(Missing)	54 (0.4%)
Religious affiliation at age 12	
Baha'i	3 (<0.1%)
Buddhism	41 (0.3%)
Chinese folk/traditional religion	0 (0%)
Christianity	10,617 (71%)
Confucianism	4 (<0.1%)
Hinduism	16 (0.1%)
Islam	462 (3.1%)
Jainism	0 (0%)
Judaism	51 (0.3%)
No religion/Atheist/Agnostic	3,738 (25%)
Primal, Animist, or Folk religion	31 (0.2%)
Shinto	1 (<0.1%)

Characteristic	N = 15,068 ¹
Sikhism	9 (<0.1%)
Some other religion	69 (0.5%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	26 (0.2%)

¹n (%)

Table S18b*Childhood predictors regression analysis results for Sweden (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.204				0.674
	Very good/somewhat good	0.08	(-0.04,0.20)	0.06		0.01	(-0.03,0.04)	0.02	
Relationship with father	(Ref: Very bad/somewhat bad)				0.917				0.337
	Very good/somewhat good	-0.00	(-0.10,0.10)	0.05		-0.01	(-0.04,0.01)	0.01	
Parent marital status	(Ref: Parents married)				2.23e-05				0.004
	No, divorced	-0.14	(-0.24,-0.03)	0.05		-0.03	(-0.06,-0.01)	0.01	
	No, one or both of them had died	-0.08	(-0.37,0.21)	0.15		0.01	(-0.07,0.08)	0.04	
	No, they were never married	-0.26	(-0.37,-0.15)	0.06		-0.04	(-0.06,-0.01)	0.01	
Subjective financial status of family growing up	(Ref: Got by)				< 2e-16				5.72e-05
	Found it difficult	-0.05	(-0.18,0.09)	0.07		-0.02	(-0.06,0.01)	0.02	
	Found it very difficult	-0.37	(-0.82,0.08)	0.23		-0.08	(-0.19,0.03)	0.06	
	Lived comfortably	0.34	(0.28,0.41)	0.03		0.03	(0.02,0.05)	0.01	
Abuse	(Ref: No)				0.602				0.023
	Yes	-0.03	(-0.12,0.07)	0.05		-0.03	(-0.06,-0.00)	0.01	
Outsider growing up	(Ref: No)				0.020				0.583
	Yes	0.13	(0.02,0.23)	0.05		0.01	(-0.02,0.04)	0.02	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				1.32e-04				2.67e-07
	Excellent	0.12	(0.03,0.22)	0.05		0.05	(0.03,0.08)	0.01	
	Fair	-0.16	(-0.31,-0.00)	0.08		-0.04	(-0.09,-0.00)	0.02	
	Poor	-0.30	(-0.58,-0.02)	0.14		-0.08	(-0.16,-0.01)	0.04	
	Very good	0.10	(0.01,0.20)	0.05		0.03	(0.00,0.05)	0.01	
Immigration status	(Ref: Born in this country)				0.002				0.685
	Born in another country	0.18	(0.07,0.30)	0.06		0.01	(-0.03,0.04)	0.02	
Age 12 religious service attendance	(Ref: Never)				< 2e-16				4.86e-09
	At least once a week	0.28	(0.14,0.43)	0.07		0.03	(-0.01,0.07)	0.02	
	Less than once a month	0.34	(0.27,0.41)	0.04		0.06	(0.04,0.08)	0.01	
	One to three times a month	0.43	(0.32,0.55)	0.06		0.03	(-0.01,0.06)	0.02	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	1.55	(1.36,1.75)	0.10		0.35	(0.30,0.39)	0.02	
	1983-1993; age 30-39	1.64	(1.46,1.82)	0.09		0.34	(0.30,0.38)	0.02	
	1973-1983; age 40-49	1.52	(1.33,1.70)	0.10		0.33	(0.29,0.37)	0.02	
	1963-1973; age 50-59	1.17	(0.98,1.37)	0.10		0.28	(0.24,0.33)	0.02	
	1953-1963; age 60-69	0.96	(0.76,1.16)	0.10		0.13	(0.08,0.18)	0.02	
	1943-1953; age 70-79	0.96	(0.76,1.17)	0.10		-0.12	(-0.18,-0.06)	0.03	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	1.13	(0.88,1.38)	0.13	9.76e-04	-0.06	(-0.14,0.02)	0.04	2.09e-07
	Female	0.12	(0.06,0.18)	0.03		0.05	(0.03,0.06)	0.01	
	Other	0.00	(-0.63,0.64)	0.33		-0.21	(-0.56,0.14)	0.18	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Christianity	-0.09	(-0.16,-0.01)	0.04	0.113	0.00	(-0.02,0.02)	0.01	0.774
	Islam	-0.15	(-0.38,0.08)	0.12		0.01	(-0.04,0.07)	0.03	
	Collapsed affiliations with prevalence<3% (Ref: Plurality group)	-0.10	(-0.41,0.20)	0.16		0.03	(-0.04,0.10)	0.04	
	Race/ethnicity								

Table S18c*Sensitivity to unmeasured confounding of childhood predictors in Sweden*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.39	1.00	1.09	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.06	1.00	1.13	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.56	1.23	1.23	1.10
	No, one or both of them had died	1.39	1.00	1.09	1.00
	No, they were never married	1.92	1.59	1.24	1.13
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.27	1.00	1.17	1.00
	Found it very difficult	2.26	1.00	1.39	1.00
	Lived comfortably	2.17	1.97	1.22	1.15
Abuse	(Ref: No)				
	Yes	1.19	1.00	1.21	1.07
Outsider growing up	(Ref: No)				
	Yes	1.52	1.16	1.10	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.52	1.20	1.29	1.19
	Fair	1.62	1.07	1.26	1.06
	Poor	2.03	1.14	1.40	1.13
	Very good	1.45	1.09	1.20	1.06
Immigration status	(Ref: Born in this country)				
	Born in another country	1.69	1.34	1.09	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.98	1.56	1.22	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	2.16	1.95	1.32	1.25
	One to three times a month	2.46	2.10	1.20	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	8.94	7.28	2.18	2.05
	1983-1993; age 30-39	9.77	8.05	2.17	2.04
	1973-1983; age 40-49	8.59	7.03	2.13	2.00
	1963-1973; age 50-59	5.92	4.77	1.99	1.86
	1953-1963; age 60-69	4.67	3.70	1.54	1.39
	1943-1953; age 70-79	4.68	3.68	1.50	1.32
Gender	1943 or earlier; age 80+	5.65	4.27	1.32	1.00
	(Ref: Male)				
	Female	1.50	1.31	1.27	1.21
Religious affiliation	Other	1.07	1.00	1.78	1.00
	(Ref: No religion/Atheist/Agnostic)				
	Christianity	1.41	1.13	1.02	1.00
	Islam	1.60	1.00	1.13	1.00
	Collapsed affiliations with prevalence<3%	1.45	1.00	1.22	1.00
Race/ethnicity	(Ref: Plurality group)				

Table S19a*Nationally representative descriptive statistics for Tanzania.*

Tanzania	
Characteristic	N = 9,075¹
Education (years)	
Up to 8 years	6,699 (74%)
9 to 15 years	2,252 (25%)
16 or more years	122 (1.3%)
(Missing)	2 (<0.1%)
Education highschool equivalency	
Did not complete highschool	8,504 (94%)
Highschool equivalence or higher	569 (6.3%)
(Missing)	2 (<0.1%)
Age group	
18-24	2,284 (25%)
25-29	1,349 (15%)
30-39	2,060 (23%)
40-49	1,503 (17%)
50-59	912 (10%)
60-69	575 (6.3%)
70-79	297 (3.3%)
80 or older	93 (1.0%)
(Missing)	2 (<0.1%)
Gender	
Female	4,776 (53%)
Male	4,299 (47%)
Other	0 (0%)
Prefer not to answer	0 (0%)
(Missing)	0 (0%)
Race/Ethnicity	
Tanzania: African	9,060 (100%)
Tanzania: Arab	11 (0.1%)
Tanzania: Indian	3 (<0.1%)
(Missing)	2 (<0.1%)
Immigration status	
Born in another country	25 (0.3%)
Born in this country	9,048 (100%)
(Missing)	1 (<0.1%)
Relationship with mother growing up	
Very good	7,739 (86%)
Somewhat good	796 (8.8%)
Somewhat bad	84 (0.9%)
Very bad	84 (0.9%)
(Does not apply)	303 (3.4%)
(Missing)	70 (0.8%)
Relationship with father growing up	
Very good	6,831 (76%)
Somewhat good	1,101 (12%)

Characteristic	N = 9,075 ¹
Somewhat bad	203 (2.3%)
Very bad	247 (2.8%)
(Does not apply)	550 (6.2%)
(Missing)	142 (1.6%)
Parent marital status at age 12	
No, divorced	678 (7.8%)
No, one or both of them had died	313 (3.6%)
No, they were never married	751 (8.6%)
Unsure	47 (0.5%)
Yes, married	6,929 (79%)
(Missing)	356 (3.9%)
Subjective financial status of family growing up	
Found it difficult	2,679 (30%)
Found it very difficult	814 (9.0%)
Got by	2,909 (32%)
Lived comfortably	2,611 (29%)
(Missing)	61 (0.7%)
Abuse	
No	8,328 (92%)
Yes	716 (7.9%)
(Missing)	32 (0.3%)
Outsider growing up	
(Does not apply)	4 (<0.1%)
No	8,320 (92%)
Yes	734 (8.1%)
(Missing)	17 (0.2%)
Self-rated health growing up	
Excellent	2,406 (27%)
Fair	1,177 (13%)
Good	2,946 (33%)
Poor	456 (5.1%)
Very good	2,036 (23%)
(Missing)	54 (0.6%)
Age 12 religious service attendance	
At least once a week	5,580 (63%)
Less than once a month	333 (3.7%)
Never	595 (6.7%)
One to three times a month	2,383 (27%)
(Missing)	184 (2.0%)
Religious affiliation at age 12	
Baha'i	1 (<0.1%)
Buddhism	0 (0%)
Chinese folk/traditional religion	0 (0%)
Christianity	5,651 (62%)
Confucianism	0 (0%)
Hinduism	0 (0%)
Islam	3,060 (34%)

Characteristic	N = 9,075 ¹
Jainism	0 (0%)
Judaism	0 (0%)
No religion/Atheist/Agnostic	345 (3.8%)
Primal, Animist, or Folk religion	11 (0.1%)
Shinto	0 (0%)
Sikhism	0 (0%)
Some other religion	0 (0%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	7 (<0.1%)

¹n (%)

Table S19b*Childhood predictors regression analysis results for Tanzania (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.491				0.101
	Very good/somewhat good	0.33	(-0.61,1.28)	0.48		0.48	(-0.09,1.06)	0.29	
Relationship with father	(Ref: Very bad/somewhat bad)				0.842				0.570
	Very good/somewhat good	-0.03	(-0.66,0.60)	0.32		-0.09	(-0.44,0.26)	0.18	
Parent marital status	(Ref: Parents married)				0.929				0.685
	No, divorced	-0.21	(-1.04,0.62)	0.42		-0.09	(-0.51,0.33)	0.21	
	No, one or both of them had died	-0.07	(-1.09,0.94)	0.52		-0.30	(-0.90,0.29)	0.31	
	No, they were never married	-0.08	(-0.72,0.55)	0.32		-0.05	(-0.36,0.26)	0.16	
Subjective financial status of family growing up	(Ref: Got by)				5.12e-04				< 2e-16
	Found it difficult	-0.99	(-1.49,-0.49)	0.26		-1.01	(-1.23,-0.79)	0.11	
	Found it very difficult	-1.62	(-2.93,-0.30)	0.67		-1.91	(-2.66,-1.15)	0.38	
	Lived comfortably	-0.31	(-0.72,0.10)	0.21		-0.53	(-0.73,-0.34)	0.10	
Abuse	(Ref: No)				0.648				0.599
	Yes	-0.13	(-0.70,0.44)	0.29		-0.09	(-0.42,0.25)	0.17	
Outsider growing up	(Ref: No)				0.036				0.224
	Yes	-1.24	(-2.41,-0.08)	0.59		-0.26	(-0.69,0.16)	0.22	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.049				2.46e-05
	Excellent	0.97	(0.35,1.58)	0.31		0.60	(0.37,0.84)	0.12	
	Fair	0.83	(0.12,1.54)	0.36		0.46	(0.16,0.76)	0.15	
	Poor	0.25	(-0.99,1.49)	0.63		-0.20	(-0.90,0.50)	0.36	
	Very good	0.83	(0.16,1.49)	0.34		0.39	(0.13,0.65)	0.13	
Immigration status	(Ref: Born in this country)				0.041				0.186
	Born in another country	1.45	(0.07,2.83)	0.71		0.65	(-0.31,1.62)	0.49	
Age 12 religious service attendance	(Ref: Never)				0.040				0.003
	At least once a week	1.12	(-0.03,2.26)	0.58		1.01	(0.45,1.57)	0.29	
	Less than once a month	-0.06	(-1.68,1.56)	0.83		0.13	(-0.78,1.05)	0.47	
	One to three times a month	1.08	(-0.08,2.23)	0.59		0.84	(0.28,1.40)	0.29	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				8.88e-16
Year of birth	1993-1998; age 25-29	1.55	(0.93,2.17)	0.31		0.35	(0.14,0.57)	0.11	
	1983-1993; age 30-39	1.05	(0.45,1.65)	0.31		-0.16	(-0.43,0.11)	0.14	
	1973-1983; age 40-49	-0.03	(-0.96,0.90)	0.47		-0.69	(-1.05,-0.34)	0.18	
	1963-1973; age 50-59	-15.11	(-15.66,-14.56)	0.28		-0.91	(-1.35,-0.47)	0.23	
	1953-1963; age 60-69	-0.38	(-1.63,0.87)	0.64		-0.96	(-1.48,-0.45)	0.26	
	1943-1953; age 70-79	-0.17	(-1.40,1.06)	0.63		-1.82	(-2.63,-1.01)	0.41	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	-15.36	(-16.06,-14.67)	0.35	1.18e-05	-2.39	(-3.85,-0.94)	0.74	7.97e-07
	Female (Ref: No religion/Atheist/Agnostic)	-0.89	(-1.27,-0.50)	0.20		-0.49	(-0.68,-0.30)	0.10	
Religious affiliation	Christianity	0.03	(-1.17,1.23)	0.61	< 2e-16	0.58	(-0.28,1.44)	0.44	0.066
	Islam	-0.68	(-1.95,0.58)	0.65		0.32	(-0.58,1.23)	0.46	
	Collapsed affiliations with prevalence<3% (Ref: Plurality group)	-15.58	(-17.27,-13.89)	0.86		1.04	(-0.56,2.63)	0.81	
Race/ethnicity	Non-plurality groups	-15.82	(-16.92,-14.72)	0.56	< 2e-16	0.87	(-0.82,2.56)	0.86	0.315

Table S19c*Sensitivity to unmeasured confounding of childhood predictors in Tanzania*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	2.13	1.00	2.62	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.20	1.00	1.42	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.78	1.00	1.41	1.00
	No, one or both of them had died	1.37	1.00	2.05	1.00
	No, they were never married	1.39	1.00	1.29	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	4.80	2.63	4.93	3.85
	Found it very difficult	9.53	2.03	12.93	5.80
	Lived comfortably	2.06	1.00	2.80	2.15
Abuse	(Ref: No)				
	Yes	1.54	1.00	1.41	1.00
Outsider growing up	(Ref: No)				
	Yes	6.38	1.37	1.93	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	4.71	2.19	3.06	2.25
	Fair	4.00	1.49	2.53	1.61
	Poor	1.89	1.00	1.75	1.00
	Very good	4.01	1.63	2.32	1.54
Immigration status	(Ref: Born in this country)				
	Born in another country	7.98	1.34	3.26	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	5.56	1.00	4.93	2.51

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.31	1.00	1.54	1.00
	One to three times a month	5.31	1.00	4.08	1.98
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	8.89	4.52	2.20	1.55
	1983-1993; age 30-39	5.17	2.51	1.62	1.00
	1973-1983; age 40-49	1.19	1.00	3.41	2.16
	1963-1973; age 50-59	7292915.91	4221943.07	4.42	2.58
	1953-1963; age 60-69	2.28	1.00	4.68	2.50
	1943-1953; age 70-79	1.65	1.00	11.86	4.96
Gender	1943 or earlier; age 80+	9410351.29	4707197.22	21.39	4.54
	(Ref: Male)				
Religious affiliation	Female	4.29	2.68	2.66	2.05
	(Ref: No religion/Atheist/Agnostic)				
	Christianity	1.22	1.00	2.97	1.00
	Islam	3.38	1.00	2.11	1.00
	Collapsed affiliations with prevalence<3%	11666502.19	2154635.65	5.10	1.00
Race/ethnicity	(Ref: Plurality group)				
	Non-plurality groups	14789778.56	4925385.80	4.21	1.00

Table S20a*Nationally representative descriptive statistics for Turkey.*

Turkey	
Characteristic	N = 1,473¹
Education (years)	
Up to 8 years	436 (30%)
9 to 15 years	711 (48%)
16 or more years	326 (22%)
(Missing)	0 (0%)
Education highschool equivalency	
Did not complete highschool	700 (48%)
Highschool equivalence or higher	773 (52%)
(Missing)	0 (0%)
Age group	
18-24	222 (15%)
25-29	152 (10%)
30-39	315 (21%)
40-49	312 (21%)
50-59	225 (15%)
60-69	164 (11%)
70-79	65 (4.4%)
80 or older	18 (1.2%)
(Missing)	0 (0%)
Gender	
Female	719 (49%)
Male	754 (51%)
Other	0 (0%)
Prefer not to answer	0 (0%)
(Missing)	0 (0%)
Race/Ethnicity	
Other	58 (3.9%)
Turkey: Albanian	8 (0.5%)
Turkey: Arab	51 (3.5%)
Turkey: Armenian	1 (<0.1%)
Turkey: Azeri	9 (0.6%)
Turkey: Bosnian	5 (0.3%)
Turkey: Circassian	19 (1.3%)
Turkey: Georgian	4 (0.3%)
Turkey: Greek	1 (<0.1%)
Turkey: Kurdish/Zaza	252 (17%)
Turkey: Laz	25 (1.7%)
Turkey: Turkish	1,030 (70%)
Turkey: Uyghur	1 (<0.1%)
(Missing)	9 (0.6%)
Immigration status	
Born in another country	58 (4.0%)
Born in this country	1,415 (96%)
Relationship with mother growing up	

Characteristic	N = 1,473 ¹
Very good	970 (66%)
Somewhat good	401 (27%)
Somewhat bad	48 (3.2%)
Very bad	26 (1.8%)
(Does not apply)	21 (1.4%)
(Missing)	7 (0.5%)
Relationship with father growing up	
Very good	795 (55%)
Somewhat good	425 (29%)
Somewhat bad	73 (5.0%)
Very bad	95 (6.6%)
(Does not apply)	60 (4.2%)
(Missing)	25 (1.7%)
Parent marital status at age 12	
No, divorced	57 (3.9%)
No, one or both of them had died	61 (4.2%)
No, they were never married	7 (0.5%)
Unsure	5 (0.3%)
Yes, married	1,325 (91%)
(Missing)	18 (1.2%)
Subjective financial status of family growing up	
Found it difficult	218 (15%)
Found it very difficult	108 (7.3%)
Got by	647 (44%)
Lived comfortably	498 (34%)
(Missing)	2 (0.1%)
Abuse	
No	1,290 (89%)
Yes	158 (11%)
(Missing)	25 (1.7%)
Outsider growing up	
(Does not apply)	5 (0.3%)
No	1,306 (89%)
Yes	157 (11%)
(Missing)	5 (0.3%)
Self-rated health growing up	
Excellent	377 (26%)
Fair	220 (15%)
Good	419 (28%)
Poor	47 (3.2%)
Very good	410 (28%)
(Missing)	0 (<0.1%)
Age 12 religious service attendance	
At least once a week	609 (42%)
Less than once a month	225 (15%)
Never	383 (26%)
One to three times a month	238 (16%)

Characteristic	N = 1,473 ¹
(Missing)	18 (1.2%)
Religious affiliation at age 12	
Baha'i	0 (0%)
Buddhism	0 (0%)
Chinese folk/traditional religion	0 (0%)
Christianity	1 (<0.1%)
Confucianism	0 (0%)
Hinduism	0 (0%)
Islam	1,439 (99%)
Jainism	0 (0%)
Judaism	1 (<0.1%)
No religion/Atheist/Agnostic	13 (0.9%)
Primal, Animist, or Folk religion	0 (0%)
Shinto	0 (0%)
Sikhism	0 (0%)
Some other religion	0 (0%)
Spiritism	0 (0%)
Taoism	0 (0%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	19 (1.3%)

¹n (%)

Table S20b*Childhood predictors regression analysis results for Turkey (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.915				0.449
	Very good/somewhat good	0.00	(-0.40,0.40)	0.20		0.09	(-0.15,0.33)	0.12	
Relationship with father	(Ref: Very bad/somewhat bad)				0.884				0.677
	Very good/somewhat good	-0.01	(-0.31,0.28)	0.15		-0.03	(-0.20,0.13)	0.08	
Parent marital status	(Ref: Parents married)				0.594				0.459
	No, divorced	-0.31	(-0.81,0.18)	0.25		-0.09	(-0.37,0.19)	0.14	
	No, one or both of them had died	-0.12	(-0.73,0.49)	0.31		-0.24	(-0.61,0.12)	0.19	
	No, they were never married	-0.09	(-1.17,0.99)	0.55		0.11	(-0.23,0.46)	0.18	
Subjective financial status of family growing up	(Ref: Got by)				0.045				0.018
	Found it difficult	0.09	(-0.21,0.38)	0.15		-0.00	(-0.17,0.17)	0.09	
	Found it very difficult	-0.38	(-0.86,0.10)	0.25		-0.43	(-0.72,-0.13)	0.15	
	Lived comfortably	0.20	(0.00,0.39)	0.10		0.05	(-0.08,0.17)	0.06	
Abuse	(Ref: No)				0.161				0.156
	Yes	0.19	(-0.08,0.46)	0.14		0.12	(-0.05,0.29)	0.09	
Outsider growing up	(Ref: No)				6.91e-04				9.64e-05
	Yes	0.47	(0.20,0.74)	0.14		0.31	(0.15,0.46)	0.08	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				3.11e-05				2.39e-05
	Excellent	0.31	(0.08,0.54)	0.11		0.23	(0.10,0.37)	0.07	
	Fair	-0.32	(-0.66,0.02)	0.17		-0.08	(-0.27,0.11)	0.10	
	Poor	-1.62	(-2.62,-0.63)	0.51		-0.81	(-1.37,-0.24)	0.29	
	Very good	0.08	(-0.17,0.33)	0.13		0.08	(-0.08,0.23)	0.08	
Immigration status	(Ref: Born in this country)				0.210				0.007
	Born in another country	-0.33	(-0.84,0.18)	0.26		-0.54	(-0.94,-0.15)	0.20	
Age 12 religious service attendance	(Ref: Never)				1.46e-08				7.69e-06
	At least once a week	-0.26	(-0.50,-0.01)	0.12		-0.03	(-0.19,0.13)	0.08	
	Less than once a month	0.48	(0.21,0.74)	0.13		0.33	(0.15,0.50)	0.09	
	One to three times a month	0.16	(-0.12,0.43)	0.14		0.17	(0.00,0.35)	0.09	
	(Ref: 1998-2005; current age: 18-24)				1.57e-10				1.97e-13
Year of birth	1993-1998; age 25-29	0.88	(0.54,1.22)	0.17		-0.20	(-0.37,-0.03)	0.09	
	1983-1993; age 30-39	0.84	(0.55,1.13)	0.15		-0.22	(-0.35,-0.09)	0.07	
	1973-1983; age 40-49	0.55	(0.23,0.86)	0.16		-0.43	(-0.57,-0.28)	0.07	
	1963-1973; age 50-59	0.19	(-0.17,0.56)	0.19		-0.61	(-0.81,-0.40)	0.10	
	1953-1963; age 60-69	-0.34	(-0.95,0.26)	0.31		-0.89	(-1.20,-0.58)	0.16	
	1943-1953; age 70-79	-0.33	(-1.26,0.61)	0.48		-0.89	(-1.45,-0.33)	0.29	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	0.77	(-0.47,2.02)	0.63	0.015	-0.91	(-2.07,0.26)	0.60	5.89e-05
	Female	-0.23	(-0.41,-0.04)	0.09		-0.24	(-0.36,-0.12)	0.06	
Religious affiliation	(Ref: Islam) Collapsed affiliations with prevalence<3% (Ref: Plurality group)				0.001				0.208
Race/ethnicity		0.59	(0.24,0.95)	0.18		0.19	(-0.11,0.49)	0.15	

Table S20c*Sensitivity to unmeasured confounding of childhood predictors in Turkey*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.06	1.00	1.42	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.12	1.00	1.22	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	2.08	1.00	1.41	1.00
	No, one or both of them had died	1.50	1.00	1.87	1.00
	No, they were never married	1.42	1.00	1.49	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.40	1.00	1.04	1.00
	Found it very difficult	2.29	1.00	2.44	1.55
	Lived comfortably	1.74	1.04	1.27	1.00
Abuse	(Ref: No)				
	Yes	1.72	1.00	1.52	1.00
Outsider growing up	(Ref: No)				
	Yes	2.58	1.73	2.06	1.60
Self-rated health growing up	(Ref: Good)				
	Excellent	2.07	1.40	1.84	1.44
	Fair	2.09	1.00	1.39	1.00
	Poor	9.60	3.15	3.90	1.87
	Very good	1.39	1.00	1.38	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	2.12	1.00	2.84	1.60
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.90	1.12	1.21	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	2.61	1.78	2.12	1.59
	One to three times a month	1.62	1.00	1.67	1.04
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	4.25	2.82	1.74	1.21
	1983-1993; age 30-39	4.07	2.86	1.79	1.41
	1973-1983; age 40-49	2.84	1.84	2.44	1.99
	1963-1973; age 50-59	1.72	1.00	3.08	2.36
	1953-1963; age 60-69	2.17	1.00	4.32	2.97
	1943-1953; age 70-79	2.12	1.00	4.30	2.13
Gender	1943 or earlier; age 80+	3.75	1.00	4.38	1.00
	(Ref: Male)				
Religious affiliation	Female	1.83	1.26	1.87	1.52
	(Ref: Islam)				
Race/ethnicity	Collapsed affiliations with prevalence<3%	3.03	1.85	1.71	1.00
	(Ref: Plurality group)				

Table S21a*Nationally representative descriptive statistics for United Kingdom.*

United Kingdom	
Characteristic	N = 5,368¹
Education (years)	
Up to 8 years	1,314 (24%)
9 to 15 years	2,072 (39%)
16 or more years	1,974 (37%)
(Missing)	8 (0.2%)
Education highschool equivalency	
Did not complete highschool	1,314 (24%)
Highschool equivalence or higher	4,046 (75%)
(Missing)	8 (0.2%)
Age group	
18-24	490 (9.1%)
25-29	391 (7.3%)
30-39	946 (18%)
40-49	827 (15%)
50-59	949 (18%)
60-69	889 (17%)
70-79	711 (13%)
80 or older	163 (3.0%)
(Missing)	1 (<0.1%)
Gender	
Female	2,789 (52%)
Male	2,557 (48%)
Other	14 (0.3%)
Prefer not to answer	2 (<0.1%)
(Missing)	7 (0.1%)
Race/Ethnicity	
Other	96 (1.8%)
Prefer not to answer	34 (0.6%)
United Kingdom: Asian	426 (7.9%)
United Kingdom: Black	152 (2.8%)
United Kingdom: White	4,647 (87%)
(Missing)	13 (0.3%)
Immigration status	
Born in another country	682 (13%)
Born in this country	4,659 (87%)
(Missing)	27 (0.5%)
Relationship with mother growing up	
Very good	3,435 (64%)
Somewhat good	1,338 (25%)
Somewhat bad	325 (6.1%)
Very bad	150 (2.8%)
(Does not apply)	92 (1.7%)
(Missing)	27 (0.5%)
Relationship with father growing up	

Characteristic	N = 5,368 ¹
Very good	2,907 (54%)
Somewhat good	1,383 (26%)
Somewhat bad	407 (7.6%)
Very bad	321 (6.0%)
(Does not apply)	321 (6.0%)
(Missing)	29 (0.5%)
Parent marital status at age 12	
No, divorced	481 (9.0%)
No, one or both of them had died	154 (2.9%)
No, they were never married	315 (5.9%)
Unsure	38 (0.7%)
Yes, married	4,343 (81%)
(Missing)	37 (0.7%)
Subjective financial status of family growing up	
Found it difficult	632 (12%)
Found it very difficult	230 (4.3%)
Got by	1,933 (36%)
Lived comfortably	2,552 (48%)
(Missing)	22 (0.4%)
Abuse	
No	4,455 (84%)
Yes	864 (16%)
(Missing)	49 (0.9%)
Outsider growing up	
(Does not apply)	32 (0.6%)
No	4,308 (80%)
Yes	1,017 (19%)
(Missing)	12 (0.2%)
Self-rated health growing up	
Excellent	2,154 (40%)
Fair	332 (6.2%)
Good	995 (19%)
Poor	130 (2.4%)
Very good	1,736 (32%)
(Missing)	20 (0.4%)
Age 12 religious service attendance	
At least once a week	1,732 (32%)
Less than once a month	903 (17%)
Never	1,972 (37%)
One to three times a month	733 (14%)
(Missing)	28 (0.5%)
Religious affiliation at age 12	
Baha'i	5 (<0.1%)
Buddhism	15 (0.3%)
Chinese folk/traditional religion	0 (0%)
Christianity	3,461 (65%)
Confucianism	3 (<0.1%)

Characteristic	N = 5,368 ¹
Hinduism	88 (1.6%)
Islam	230 (4.3%)
Jainism	0 (<0.1%)
Judaism	59 (1.1%)
No religion/Atheist/Agnostic	1,409 (26%)
Primal, Animist, or Folk religion	22 (0.4%)
Shinto	0 (0%)
Sikhism	30 (0.6%)
Some other religion	24 (0.5%)
Spiritism	0 (0%)
Taoism	2 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	21 (0.4%)

¹n (%)

Table S21b*Childhood predictors regression analysis results for United Kingdom (all estimates on log-risk scale)*

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.643				0.249
	Very good/somewhat good	-0.04	(-0.20,0.12)	0.08		0.05	(-0.04,0.15)	0.05	
Relationship with father	(Ref: Very bad/somewhat bad)				0.178				0.140
	Very good/somewhat good	0.09	(-0.04,0.23)	0.07		0.06	(-0.02,0.13)	0.04	
Parent marital status	(Ref: Parents married)				0.182				0.439
	No, divorced	-0.05	(-0.21,0.12)	0.08		-0.04	(-0.13,0.05)	0.05	
	No, one or both of them had died	0.04	(-0.28,0.35)	0.16		0.05	(-0.10,0.21)	0.08	
	No, they were never married	-0.26	(-0.50,-0.02)	0.12		-0.07	(-0.18,0.05)	0.06	
Subjective financial status of family growing up	(Ref: Got by)				0.113				0.171
	Found it difficult	0.01	(-0.15,0.16)	0.08		-0.03	(-0.12,0.06)	0.04	
	Found it very difficult	-0.02	(-0.28,0.23)	0.13		-0.14	(-0.30,0.03)	0.08	
	Lived comfortably	0.11	(0.01,0.20)	0.05		0.03	(-0.02,0.08)	0.03	
Abuse	(Ref: No)				0.757				0.176
	Yes	0.02	(-0.10,0.14)	0.06		0.05	(-0.02,0.12)	0.03	
Outsider growing up	(Ref: No)				0.480				0.643
	Yes	-0.04	(-0.16,0.08)	0.06		0.01	(-0.05,0.08)	0.03	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				0.008				0.291
	Excellent	0.18	(0.05,0.31)	0.07		0.07	(-0.01,0.14)	0.04	
	Fair	-0.09	(-0.32,0.14)	0.12		0.01	(-0.12,0.13)	0.06	
	Poor	-0.19	(-0.58,0.19)	0.20		-0.05	(-0.26,0.16)	0.11	
	Very good	0.10	(-0.03,0.23)	0.07		0.07	(-0.01,0.14)	0.04	
Immigration status	(Ref: Born in this country)				1.01e-06				0.059
	Born in another country	0.27	(0.16,0.38)	0.05		0.06	(-0.00,0.12)	0.03	
Age 12 religious service attendance	(Ref: Never)				1.50e-06				2.96e-04
	At least once a week	0.31	(0.18,0.43)	0.06		0.10	(0.03,0.17)	0.04	
	Less than once a month	0.32	(0.19,0.44)	0.07		0.15	(0.08,0.21)	0.03	
	One to three times a month	0.27	(0.12,0.42)	0.07		0.09	(0.01,0.18)	0.04	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				< 2e-16
Year of birth	1993-1998; age 25-29	0.48	(0.27,0.70)	0.11		-0.02	(-0.11,0.06)	0.04	
	1983-1993; age 30-39	0.42	(0.21,0.63)	0.11		-0.05	(-0.13,0.02)	0.04	
	1973-1983; age 40-49	0.32	(0.11,0.53)	0.11		-0.02	(-0.09,0.05)	0.04	
	1963-1973; age 50-59	-0.02	(-0.24,0.20)	0.11		-0.12	(-0.20,-0.04)	0.04	
	1953-1963; age 60-69	-0.45	(-0.69,-0.22)	0.12		-0.42	(-0.52,-0.33)	0.05	
	1943-1953; age 70-79	-0.61	(-0.86,-0.37)	0.12		-0.64	(-0.76,-0.52)	0.06	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	-0.81	(-1.16,-0.46)	0.18	0.072	-0.57	(-0.78,-0.35)	0.11	0.002
	Female	-0.10	(-0.18,-0.01)	0.04		-0.00	(-0.05,0.04)	0.02	
	Other	-0.25	(-1.12,0.62)	0.44		0.21	(0.09,0.33)	0.06	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Christianity	-0.01	(-0.13,0.10)	0.06	0.025	-0.06	(-0.12,0.00)	0.03	0.045
	Islam	-0.37	(-0.61,-0.12)	0.13		-0.14	(-0.27,-0.01)	0.07	
	Collapsed affiliations with prevalence<3% (Ref: Plurality group)	-0.06	(-0.26,0.15)	0.11		-0.16	(-0.31,-0.02)	0.07	
	Non-plurality groups	0.22	(0.09,0.36)	0.07		0.04	(-0.04,0.11)	0.04	
Race/ethnicity					6.79e-04				0.328

Table S21c*Sensitivity to unmeasured confounding of childhood predictors in United Kingdom*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.24	1.00	1.30	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.43	1.00	1.30	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.27	1.00	1.23	1.00
	No, one or both of them had died	1.24	1.00	1.29	1.00
	No, they were never married	1.92	1.16	1.34	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.09	1.00	1.21	1.00
	Found it very difficult	1.18	1.00	1.56	1.00
	Lived comfortably	1.47	1.13	1.19	1.00
Abuse	(Ref: No)				
	Yes	1.15	1.00	1.27	1.00
Outsider growing up	(Ref: No)				
	Yes	1.25	1.00	1.13	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.68	1.28	1.34	1.00
	Fair	1.41	1.00	1.09	1.00
	Poor	1.73	1.00	1.27	1.00
	Very good	1.45	1.00	1.34	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	1.94	1.62	1.31	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	2.05	1.69	1.45	1.21

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	2.09	1.71	1.58	1.38
	One to three times a month	1.95	1.52	1.42	1.10
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	2.63	1.94	1.18	1.00
	1983-1993; age 30-39	2.42	1.78	1.29	1.00
	1973-1983; age 40-49	2.09	1.47	1.16	1.00
	1963-1973; age 50-59	1.16	1.00	1.50	1.23
	1953-1963; age 60-69	2.52	1.80	2.43	2.11
	1943-1953; age 70-79	3.10	2.25	3.19	2.75
	1943 or earlier; age 80+	3.93	2.55	2.92	2.19
Gender	(Ref: Male)				
	Female	1.43	1.13	1.06	1.00
	Other	1.89	1.00	1.77	1.40
Religious affiliation	(Ref: No religion/Atheist/Agnostic)				
	Christianity	1.13	1.00	1.32	1.00
	Islam	2.24	1.50	1.56	1.09
	Collapsed affiliations with prevalence<3%	1.30	1.00	1.64	1.17
Race/ethnicity	(Ref: Plurality group)				
	Non-plurality groups	1.81	1.43	1.23	1.00

Table S22a*Nationally representative descriptive statistics for United States.*

United States	
Characteristic	N = 38,312¹
Education (years)	
Up to 8 years	210 (0.5%)
9 to 15 years	25,322 (66%)
16 or more years	12,705 (33%)
(Missing)	75 (0.2%)
Education highschool equivalency	
Did not complete highschool	1,766 (4.6%)
Highschool equivalence or higher	36,470 (95%)
(Missing)	75 (0.2%)
Age group	
18-24	2,682 (7.0%)
25-29	3,540 (9.2%)
30-39	7,284 (19%)
40-49	5,649 (15%)
50-59	6,745 (18%)
60-69	6,832 (18%)
70-79	4,054 (11%)
80 or older	1,525 (4.0%)
(Missing)	0 (0%)
Gender	
Female	19,562 (51%)
Male	18,222 (48%)
Other	392 (1.0%)
Prefer not to answer	0 (0%)
(Missing)	136 (0.4%)
Race/Ethnicity	
United States: Asian	2,466 (6.4%)
United States: Black	4,501 (12%)
United States: Hispanic	6,724 (18%)
United States: Other	997 (2.6%)
United States: White	23,605 (62%)
(Missing)	20 (<0.1%)
Immigration status	
Born in another country	3,020 (8.0%)
Born in this country	34,865 (92%)
(Missing)	427 (1.1%)
Relationship with mother growing up	
Very good	20,590 (54%)
Somewhat good	11,525 (30%)
Somewhat bad	3,523 (9.2%)
Very bad	1,874 (4.9%)
(Does not apply)	694 (1.8%)
(Missing)	106 (0.3%)
Relationship with father growing up	

Characteristic	N = 38,312 ¹
Very good	15,313 (40%)
Somewhat good	12,665 (33%)
Somewhat bad	4,879 (13%)
Very bad	2,604 (6.8%)
(Does not apply)	2,811 (7.3%)
(Missing)	38 (0.1%)
Parent marital status at age 12	
No, divorced	6,325 (17%)
No, one or both of them had died	1,024 (2.7%)
No, they were never married	3,048 (8.0%)
Unsure	450 (1.2%)
Yes, married	27,415 (72%)
(Missing)	50 (0.1%)
Subjective financial status of family growing up	
Found it difficult	5,152 (13%)
Found it very difficult	2,342 (6.1%)
Got by	15,682 (41%)
Lived comfortably	15,116 (39%)
(Missing)	19 (<0.1%)
Abuse	
No	28,045 (74%)
Yes	10,026 (26%)
(Missing)	242 (0.6%)
Outsider growing up	
(Does not apply)	305 (0.8%)
No	27,714 (73%)
Yes	10,185 (27%)
(Missing)	109 (0.3%)
Self-rated health growing up	
Excellent	16,866 (44%)
Fair	2,303 (6.0%)
Good	6,444 (17%)
Poor	520 (1.4%)
Very good	12,108 (32%)
(Missing)	71 (0.2%)
Age 12 religious service attendance	
At least once a week	18,609 (49%)
Less than once a month	5,829 (15%)
Never	7,085 (19%)
One to three times a month	6,644 (17%)
(Missing)	145 (0.4%)
Religious affiliation at age 12	
Baha'i	4 (<0.1%)
Buddhism	172 (0.4%)
Chinese folk/traditional religion	0 (0%)
Christianity	30,444 (80%)
Confucianism	8 (<0.1%)

Characteristic	N = 38,312 ¹
Hinduism	203 (0.5%)
Islam	220 (0.6%)
Jainism	18 (<0.1%)
Judaism	787 (2.1%)
No religion/Atheist/Agnostic	5,845 (15%)
Primal, Animist, or Folk religion	67 (0.2%)
Shinto	6 (<0.1%)
Sikhism	47 (0.1%)
Some other religion	359 (0.9%)
Spiritism	0 (0%)
Taoism	17 (<0.1%)
Umbanda, Candomblé, and other African-derived religions	0 (0%)
(Missing)	115 (0.3%)

¹n (%)

Table S22b

Childhood predictors regression analysis results for United States (all estimates on log-risk scale)

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)				0.929				0.079
	Very good/somewhat good	-0.00	(-0.09,0.09)	0.04		0.03	(-0.00,0.07)	0.02	
Relationship with father	(Ref: Very bad/somewhat bad)				0.068				0.116
	Very good/somewhat good	-0.07	(-0.14,0.01)	0.04		-0.02	(-0.06,0.01)	0.02	
Parent marital status	(Ref: Parents married)				< 2e-16				0.057
	No, divorced	-0.25	(-0.33,-0.16)	0.04		-0.02	(-0.05,0.01)	0.01	
	No, one or both of them had died	-0.05	(-0.25,0.16)	0.11		-0.02	(-0.13,0.08)	0.05	
	No, they were never married	-0.80	(-1.01,-0.59)	0.11		-0.11	(-0.19,-0.02)	0.04	
Subjective financial status of family growing up	(Ref: Got by)				< 2e-16				0.157
	Found it difficult	-0.08	(-0.16,0.01)	0.04		-0.02	(-0.06,0.02)	0.02	
	Found it very difficult	-0.08	(-0.23,0.07)	0.08		0.00	(-0.06,0.07)	0.03	
	Lived comfortably	0.24	(0.18,0.29)	0.03		0.01	(-0.00,0.03)	0.01	
Abuse	(Ref: No)				3.60e-14				0.139
	Yes	-0.26	(-0.32,-0.19)	0.03		-0.02	(-0.04,0.01)	0.01	
Outsider growing up	(Ref: No)				0.115				0.401
	Yes	-0.06	(-0.13,0.01)	0.04		-0.01	(-0.03,0.01)	0.01	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Self-rated health growing up	(Ref: Good)				2.89e-10				0.151
	Excellent	0.21	(0.13,0.29)	0.04		0.03	(0.00,0.07)	0.02	
	Fair	-0.14	(-0.30,0.03)	0.08		-0.01	(-0.07,0.06)	0.03	
	Poor	-0.27	(-0.55,0.01)	0.14		-0.01	(-0.15,0.12)	0.07	
	Very good	0.13	(0.05,0.22)	0.04		0.03	(-0.01,0.06)	0.02	
Immigration status	(Ref: Born in this country)				1.70e-05				0.271
	Born in another country	0.23	(0.12,0.33)	0.05		0.02	(-0.02,0.06)	0.02	
Age 12 religious service attendance	(Ref: Never)				1.99e-09				0.544
	At least once a week	0.26	(0.18,0.35)	0.04		0.03	(-0.01,0.06)	0.02	
	Less than once a month	0.13	(0.03,0.23)	0.05		0.02	(-0.01,0.06)	0.02	
	One to three times a month	0.27	(0.17,0.36)	0.05		0.02	(-0.02,0.06)	0.02	
	(Ref: 1998-2005; current age: 18-24)				< 2e-16				0.067
Year of birth	1993-1998; age 25-29	0.47	(0.24,0.70)	0.12		-0.00	(-0.06,0.05)	0.03	
	1983-1993; age 30-39	0.50	(0.29,0.71)	0.11		-0.01	(-0.06,0.04)	0.03	
	1973-1983; age 40-49	0.55	(0.34,0.76)	0.11		0.02	(-0.03,0.06)	0.02	
	1963-1973; age 50-59	0.34	(0.14,0.55)	0.11		-0.02	(-0.07,0.03)	0.02	
	1953-1963; age 60-69	0.10	(-0.11,0.30)	0.10		0.00	(-0.04,0.04)	0.02	
	1943-1953; age 70-79	0.20	(-0.01,0.40)	0.10		-0.00	(-0.04,0.04)	0.02	

Variable	Category	Complete 16+ years of school				Highschool equivalence or higher			
		Est	95% CI	SE	Global p-value	Est	95% CI	SE	Global p-value
Gender	1943 or earlier; age 80+ (Ref: Male)	0.06	(-0.16,0.28)	0.11	5.05e-06	-0.05	(-0.10,0.01)	0.03	9.17e-04
	Female	0.12	(0.07,0.17)	0.02		-0.01	(-0.02,0.01)	0.01	
	Other	0.14	(-0.22,0.50)	0.18		0.06	(0.03,0.09)	0.02	
	(Ref: No religion/Atheist/A gnostic)								
Religious affiliation	Christianity	-0.28	(-0.37,-0.18)	0.05	< 2e-16	0.01	(-0.03,0.05)	0.02	0.855
	Collapsed affiliations with prevalence<3%	0.29	(0.17,0.41)	0.06		-0.00	(-0.06,0.06)	0.03	
	(Ref: Plurality group)								
Race/ethnicity	Non-plurality groups	-0.24	(-0.30,-0.18)	0.03	1.08e-13	0.01	(-0.01,0.02)	0.01	0.537

Table S22c*Sensitivity to unmeasured confounding of childhood predictors in United States*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.04	1.00	1.23	1.00
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.34	1.00	1.18	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	1.88	1.63	1.16	1.00
	No, one or both of them had died	1.27	1.00	1.17	1.00
	No, they were never married	3.86	3.00	1.46	1.18
Subjective financial status of family growing up	(Ref: Got by)				
	Found it difficult	1.37	1.00	1.15	1.00
	Found it very difficult	1.38	1.00	1.06	1.00
	Lived comfortably	1.85	1.70	1.14	1.00
Abuse	(Ref: No)				
	Yes	1.90	1.71	1.15	1.00
Outsider growing up	(Ref: No)				
	Yes	1.31	1.00	1.11	1.00
Self-rated health growing up	(Ref: Good)				
	Excellent	1.77	1.53	1.22	1.02
	Fair	1.55	1.00	1.09	1.00
	Poor	1.94	1.00	1.13	1.00
	Very good	1.55	1.28	1.20	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	1.82	1.52	1.16	1.00
Age 12 religious service attendance	(Ref: Never)				
	At least once a week	1.93	1.67	1.19	1.00

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	Less than once a month	1.53	1.20	1.19	1.00
	One to three times a month	1.94	1.66	1.17	1.00
	(Ref: 1998-2005; current age: 18-24)				
	1993-1998; age 25-29	2.58	1.86	1.07	1.00
	1983-1993; age 30-39	2.67	2.00	1.13	1.00
	1973-1983; age 40-49	2.86	2.17	1.14	1.00
	1963-1973; age 50-59	2.17	1.55	1.17	1.00
	1953-1963; age 60-69	1.43	1.00	1.05	1.00
	1943-1953; age 70-79	1.73	1.00	1.03	1.00
Gender	1943 or earlier; age 80+	1.31	1.00	1.27	1.00
	(Ref: Male)				
	Female	1.50	1.35	1.09	1.00
Religious affiliation	Other	1.56	1.00	1.32	1.19
	(Ref: No religion/Atheist/Agnostic)				
	Christianity	1.96	1.70	1.10	1.00
	Collapsed affiliations with prevalence<3%	2.02	1.67	1.03	1.00
Race/ethnicity	(Ref: Plurality group)				
	Non-plurality groups	1.86	1.67	1.08	1.00

Table S23*Population weighted meta-analysis of childhood predictors.*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		RR	95% CI	RR	95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.54	(0.77,3.05)	1.16	(1.02,1.30)
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	0.98	(0.54,1.77)	0.96	(0.88,1.06)
Parent marital status	(Ref: Parents married)				
	No, divorced	0.56	(0.26,1.20)	0.92	(0.85,1.00)
	No, one or both of them had died	0.86	(0.67,1.11)	0.88	(0.83,0.93)
	Single, never married	0.80	(0.62,1.04)	1.03	(0.93,1.12)
Subjective financial status of family growing up	(Ref: Got by)				
	Lived comfortably	1.29	(1.08,1.53)	1.06	(1.02,1.10)
	Found it difficult	0.64	(0.51,0.82)	0.80	(0.75,0.84)
	Found it very difficult	0.55	(0.41,0.76)	0.61	(0.56,0.68)
Abuse	(Ref: No)				
	Yes	0.83	(0.65,1.06)	0.94	(0.90,0.99)
Outsider growing up	(Ref: No)				
	Yes	0.83	(0.67,1.02)	0.90	(0.85,0.95)
Self-rated health growing up	(Ref: Good)				
	Excellent	1.44	(1.17,1.76)	1.18	(1.13,1.23)
	Very good	1.17	(0.96,1.42)	1.11	(1.07,1.15)
	Fair	0.84	(0.66,1.07)	0.94	(0.90,0.99)
	Poor	1.05	(0.72,1.52)	0.93	(0.83,1.04)
Immigration status	(Ref: Born in this country)				
	Born in another country	0.00	(0.00,0.00)	0.77	(0.61,0.97)
Age 12 religious service attendance	(Ref: Never)				
	At least 1/week	1.26	(0.95,1.67)	1.20	(1.12,1.28)

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		RR	95% CI	RR	95% CI
Year of birth	1-3/month	1.43	(1.06,1.94)	1.16	(1.08,1.25)
	Less than 1/month	1.25	(0.90,1.74)	1.16	(1.07,1.26)
	(Ref: 1998-2005; age 18-24)				
	1993-1998; age 25-29	2.51	(2.10,2.99)	0.99	(0.96,1.03)
	1983-1993; age 30-39	2.31	(1.96,2.71)	0.85	(0.82,0.89)
	1973-1983; age 40-49	1.48	(1.17,1.88)	0.74	(0.70,0.77)
	1963-1973; age 50-59	1.20	(0.91,1.57)	0.61	(0.58,0.66)
	1953-1963; age 60-69	0.88	(0.54,1.42)	0.57	(0.52,0.61)
	1943-1953; age 70-79	0.62	(0.36,1.08)	0.41	(0.36,0.47)
Gender	1943 or earlier; age 80+	0.00	(0.00,0.00)	0.12	(0.09,0.17)
	(Ref: Male)				
	Female	0.75	(0.66,0.85)	0.83	(0.80,0.85)
	Other	0.01	(0.01,0.01)	0.18	(0.15,0.21)

Table S24*Sensitivity to unmeasured confounding of population weighted meta-analysis of childhood predictors.*

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Relationship with mother	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	2.45	1.00	1.58	1.18
Relationship with father	(Ref: Very bad/somewhat bad)				
	Very good/somewhat good	1.18	1.00	1.24	1.00
Parent marital status	(Ref: Parents married)				
	No, divorced	2.97	1.00	1.39	1.00
	No, one or both of them had died	1.59	1.00	1.53	1.35
	Single, never married	1.80	1.00	1.19	1.00
Subjective financial status of family growing up	(Ref: Got by)				
	Lived comfortably	1.89	1.38	1.30	1.15
	Found it difficult	2.48	1.75	1.82	1.65
	Found it very difficult	3.00	1.96	2.64	2.32
Abuse	(Ref: No)				
	Yes	1.69	1.00	1.31	1.11
Outsider growing up	(Ref: No)				
	Yes	1.71	1.00	1.46	1.29
Self-rated health growing up	(Ref: Good)				
	Excellent	2.23	1.62	1.64	1.52
	Very good	1.61	1.00	1.46	1.35
	Fair	1.65	1.00	1.32	1.12
	Poor	1.28	1.00	1.36	1.00
Immigration status	(Ref: Born in this country)				
	Born in another country	784.36	628.77	1.93	1.23
Age 12 religious service attendance	(Ref: Never)				
	At least 1/week	1.83	1.00	1.68	1.48

Variable	Category	Complete 16+ years of school		Highschool equivalence or higher	
		E-value for Estimate	E-value for 95% CI	E-value for Estimate	E-value for 95% CI
Year of birth	1-3/month	2.22	1.31	1.59	1.37
	Less than 1/month	1.82	1.00	1.59	1.35
	(Ref: 1998-2005; age 18-24)				
	1993-1998; age 25-29	4.45	3.62	1.08	1.00
	1983-1993; age 30-39	4.04	3.33	1.62	1.50
	1973-1983; age 40-49	2.33	1.62	2.06	1.92
	1963-1973; age 50-59	1.68	1.00	2.64	2.41
	1953-1963; age 60-69	1.54	1.00	2.93	2.64
	1943-1953; age 70-79	2.60	1.00	4.26	3.64
Gender	1943 or earlier; age 80+	5,572.78	4,401.30	15.83	11.26
	(Ref: Male)				
	Female	2.00	1.62	1.71	1.63
	Other	222.86	139.42	10.48	8.85

Table S25*Childhood predictor results for completing at least high school or equivalent.*

Variable	Category	RR	95% CI	Estimated Proportion of Est < 0.90	Estimated Proportion of Est > 1.10	I ²	Global p-value
Relationship with mother	(Ref: Very bad/somewhat bad)						0.419
	Very good/somewhat good	1.02	(1.00,1.04)	0.00	0.00	5.3	
Relationship with father	(Ref: Very bad/somewhat bad)						<.001**
	Very good/somewhat good	1.00	(0.95,1.06)	0.05	0.05	91.8	
Parent marital status	(Ref: Parents married)						<.001**
	No, divorced	0.96	(0.91,1.01)	0.14	0.00	87.1	
	No, one or both of them had died	0.95	(0.89,1.02)	0.27	0.05	76.5	
	Single, never married	0.97	(0.90,1.04)	0.23	0.14	91.6	
Subjective financial status of family growing up	(Ref: Got by)						<.001**
	Lived comfortably	1.07	(0.99,1.15)	0.05	0.27	98.5	
	Found it difficult	0.82	(0.74,0.90)	0.59	0.00	97.4	
	Found it very difficult	0.69	(0.61,0.79)	0.86	0.00	93.6	
Abuse	(Ref: No)						0.005*
	Yes	0.99	(0.96,1.03)	0.05	0.05	78.9	
Outsider growing up	(Ref: No)						<.001**
	Yes	0.95	(0.90,0.99)	0.41	0.05	89.6	
Self-rated health growing up	(Ref: Good)						<.001**
	Excellent	1.06	(0.99,1.13)	0.05	0.18	95.4	
	Very good	1.04	(1.00,1.09)	0.00	0.23	89.0	
	Fair	0.98	(0.93,1.02)	0.09	0.09	78.1	
	Poor	0.91	(0.84,0.98)	0.41	0.05	72.0	
	(Ref: Born in this country)						
Immigration status	Born in another country	0.97	(0.85,1.10)	0.27	0.27	97.4	<.001**
Age 12 religious service attendance	(Ref: Never)						<.001**
	At least 1/week	1.13	(1.03,1.24)	0.05	0.50	96.2	

Variable	Category	RR	95% CI	Estimated Proportion of Est < 0.90	Estimated Proportion of Est > 1.10	I ²	Global p-value
Year of birth	1-3/month	1.10	(1.03,1.18)	0.05	0.41	92.1	<.001**
	Less than 1/month	1.11	(1.03,1.19)	0.00	0.50	95.5	
	(Ref: 1998-2005; age 18-24)						
	1993-1998; age 25-29	1.06	(0.96,1.16)	0.14	0.23	96.9	
	1983-1993; age 30-39	0.97	(0.90,1.04)	0.27	0.14	95.5	
	1973-1983; age 40-49	0.86	(0.78,0.95)	0.55	0.09	97.4	
	1963-1973; age 50-59	0.73	(0.62,0.86)	0.64	0.05	98.8	
	1953-1963; age 60-69	0.66	(0.54,0.80)	0.64	0.09	98.7	
	1943-1953; age 70-79	0.27	(0.06,1.17)	0.91	0.05	100.0	
	1943 or earlier; age 80+	0.16	(0.04,0.71)	0.73	0.09	99.9	
Gender	(Ref: Male)						<.001**
	Female	0.94	(0.88,1.01)	0.27	0.05	98.4	
	Other	0.54	(0.14,2.15)	0.22	0.56	99.9	

Note. Estimates are risk ratios (RR) from random-effects meta-analysis of country-specific weighted modified Poisson regression models for the secondary outcome of high-school equivalence completion. Country-specific definitions of high-school equivalence are provided in the online supplement. All estimates are mutually adjusted for all other predictors in the model, including country-specific control variables (childhood religious affiliation, race/ethnicity, and parental presence indicators). Reference categories, column definitions, and significance thresholds are as described in Table 2.

Table S26

E-values for completing at least high school or equivalent.

Variable	Category	evalue	evalue.limit
Relationship with mother	(Ref: Very bad/somewhat bad)		
	Very good/somewhat good	1.17	1.04
Relationship with father	(Ref: Very bad/somewhat bad)		
	Very good/somewhat good	1.06	1.00
Parent marital status	(Ref: Parents married)		
	No, divorced	1.26	1.00
	No, one or both of them had died	1.29	1.00
	Single, never married	1.20	1.00
Subjective financial status of family growing up	(Ref: Got by)		
	Lived comfortably	1.34	1.00
	Found it difficult	1.74	1.45
	Found it very difficult	2.26	1.86
Abuse	(Ref: No)		
	Yes	1.08	1.00
Outsider growing up	(Ref: No)		
	Yes	1.30	1.09

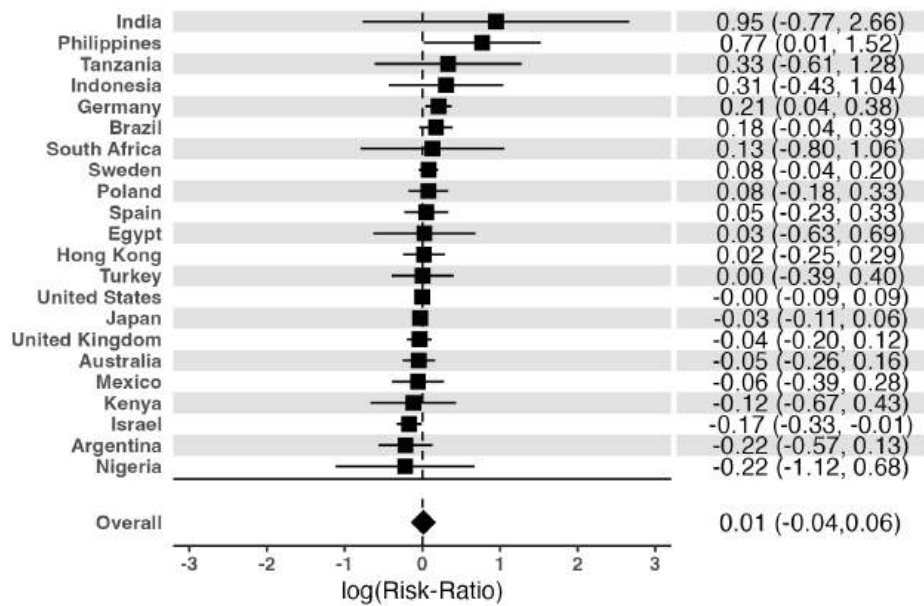
Variable	Category	evalue	evalue.limit
Self-rated health growing up	(Ref: Good)		
	Excellent	1.31	1.00
	Very good	1.26	1.04
	Fair	1.18	1.00
	Poor	1.44	1.15
Immigration status	(Ref: Born in this country)		
	Born in another country	1.22	1.00
Age 12 religious service attendance	(Ref: Never)		
	At least 1/week	1.51	1.20
	1-3/month	1.43	1.19
	Less than 1/month	1.45	1.20
Year of birth	(Ref: 1998-2005; age 18-24)		
	1993-1998; age 25-29	1.30	1.00
	1983-1993; age 30-39	1.21	1.00
	1973-1983; age 40-49	1.59	1.28
	1963-1973; age 50-59	2.09	1.60
	1953-1963; age 60-69	2.39	1.80
	1943-1953; age 70-79	6.82	1.00
	1943 or earlier; age 80+	12.15	2.17
Gender	(Ref: Male)		
	Female	1.32	1.00
	Other	3.07	1.00

Note. E-values for the secondary outcome of high-school equivalence completion. Definitions and interpretation of E-values are as described in Table 3. Reference categories correspond to those in the high-school equivalence results table.

Part 2. Forest Plots of Childhood Predictor Effects

Figure S1a. Education 16+ years: Forest plot for `Relationship with mother` - `Very good/somewhat good` effect

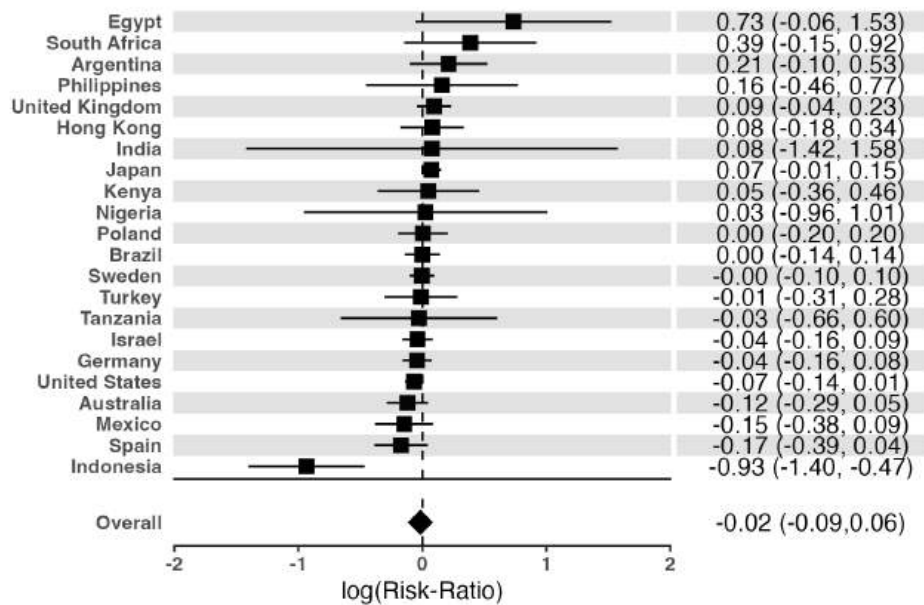
Relationship with mother (Ref: Very bad/somewhat bad)



$\tau=0.038$; $Q(df=21)=23.92$, $p0.297$; Q -profile 95% CI [0.000, 0.131]; $I^2=11.30$;

Figure S2a. Education 16+ years: Forest plot for `Relationship with father` - `Very good/somewhat good` effect

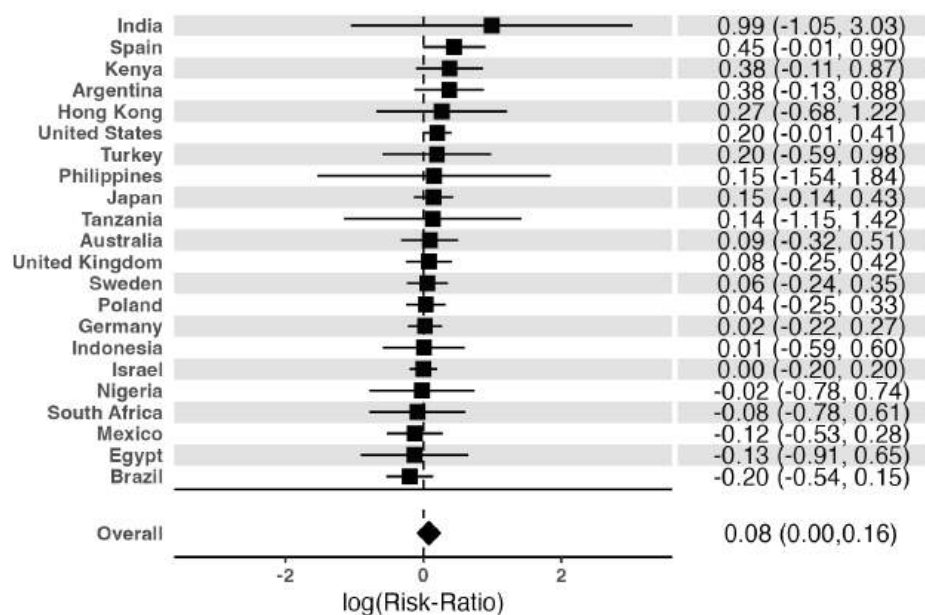
Relationship with father (Ref: Very bad/somewhat bad)



$\tau=0.132$; $Q(df=21)=37.83$, $p0.014$; Q -profile 95% CI [0.000, 0.185]; $I^2=70.39$;

Figure S3a. Education 16+ years: Forest plot for `Parent marital status`-`No, one or both of them had died` effect

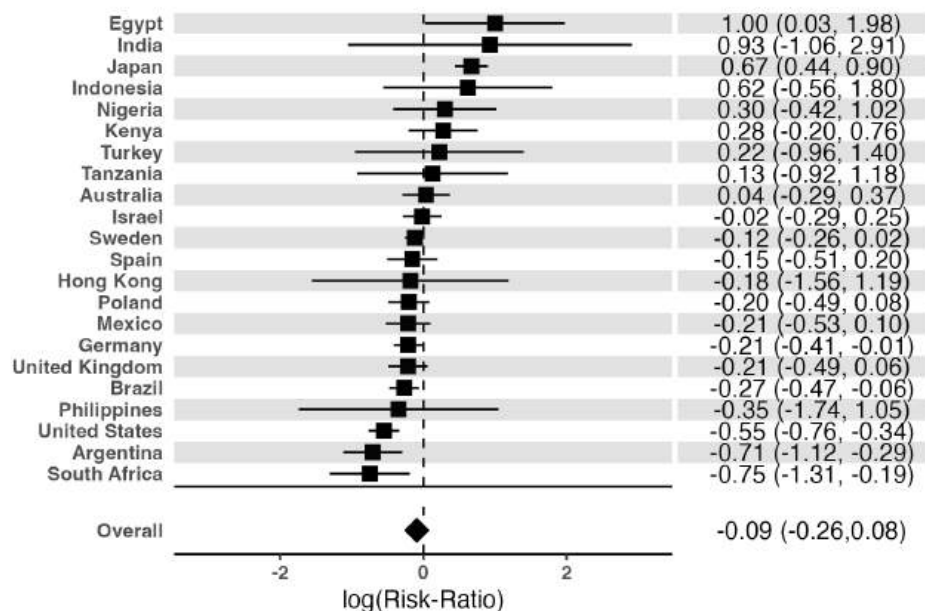
Parent marital status (Ref: Parents married)



$\tau=0.000$; $Q(df=21)=12.77$, $p=0.916$; Q-profile 95% CI [0.000, 0.136]; $I^2=0.00$;

Figure S4a. Education 16+ years: Forest plot for `Parent marital status`-`Single, never married` effect

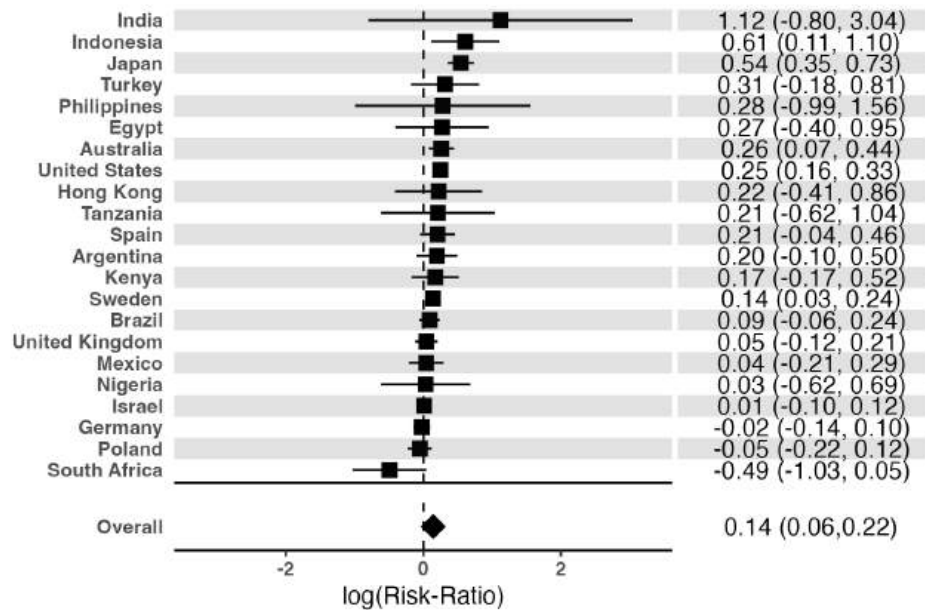
Parent marital status (Ref: Parents married)



$\tau=0.308$; $Q(df=21)=91.01$, $p<.001$; Q-profile 95% CI [0.191, 0.489]; $I^2=77.98$;

Figure S5a. Education 16+ years: Forest plot for `Parent marital status`-`Yes, married` effect

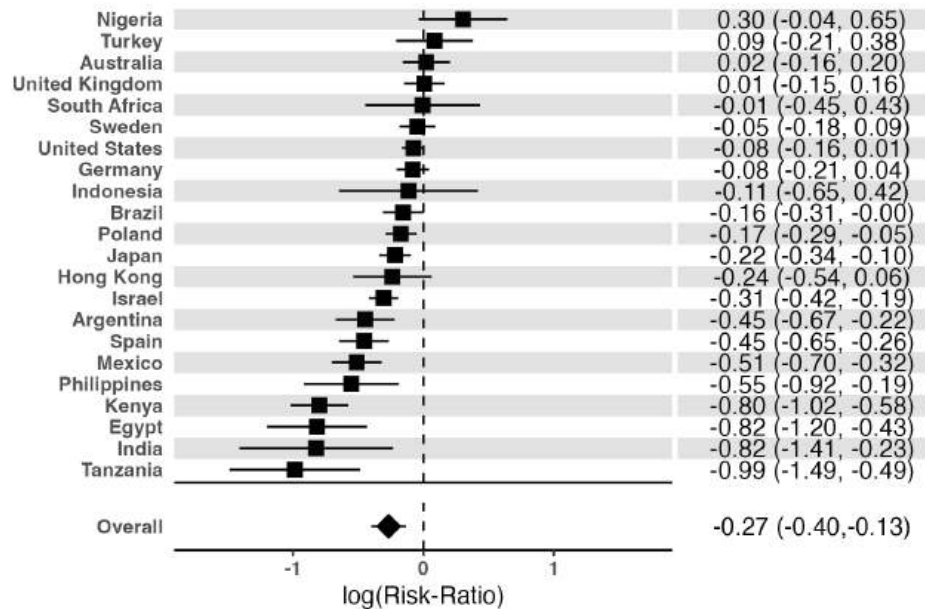
Parent marital status (Ref: Parents married)



$\tau=0.128$; $Q(df=21)=55.47$, $p<.001$; Q-profile 95% CI [0.068, 0.226]; $I^2=62.59$;

Figure S6a. Education 16+ years: Forest plot for `Subjective financial status of family growing up`-`Found it difficult` effect

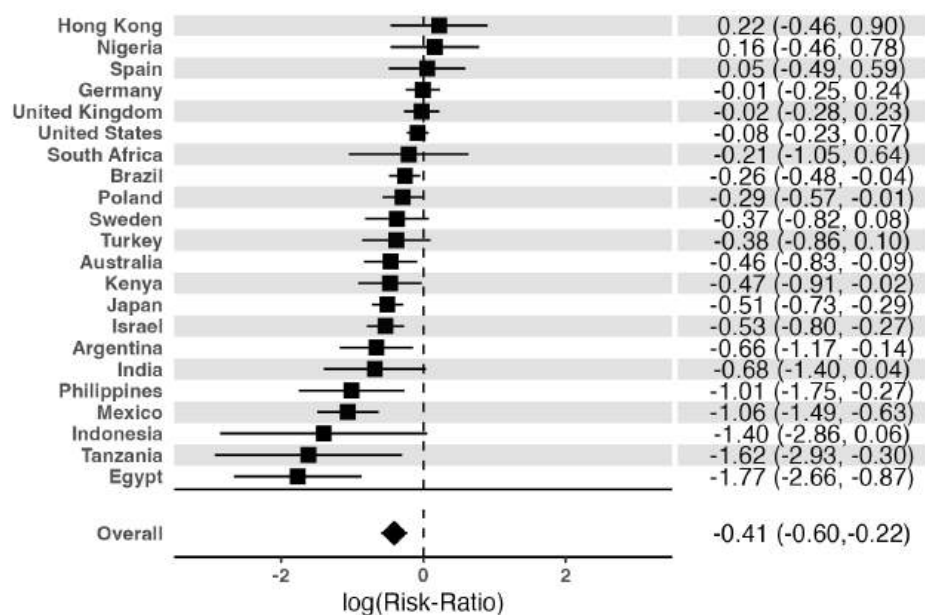
Subjective financial status of family growing up (Ref: Got by)



$\tau=0.287$; $Q(df=21)=122.34$, $p<.001$; Q-profile 95% CI [0.167, 0.399]; $I^2=91.02$;

Figure S7a. Education 16+ years: Forest plot for `Subjective financial status of family growing up`-`Found it very difficult` effect

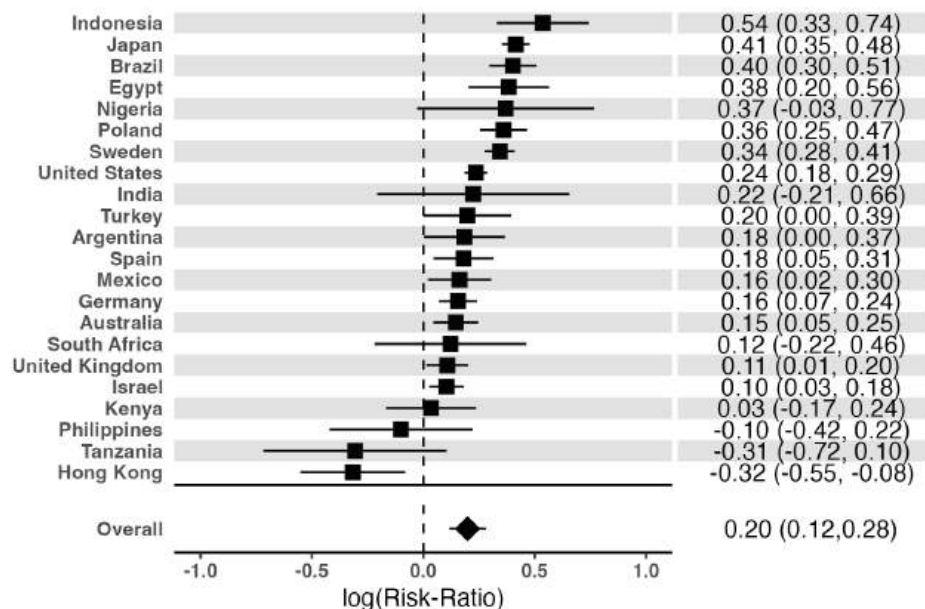
Subjective financial status of family growing up (Ref: Got by)



$\tau=0.364$; $Q(df=21)=66.86$, $p<.001$; Q-profile 95% CI [0.123, 0.509]; $I^2=80.53$;

Figure S8a. Education 16+ years: Forest plot for `Subjective financial status of family growing up`-`Lived comfortably` effect

Subjective financial status of family growing up (Ref: Got by)



$\tau=0.172$; $Q(df=21)=129.76$, $p<.001$; Q-profile 95% CI [0.096, 0.243]; $I^2=89.99$;

Figure S9a. Education 16+ years: Forest plot for `Abuse`-`Yes` effect
Abuse (Ref: No)

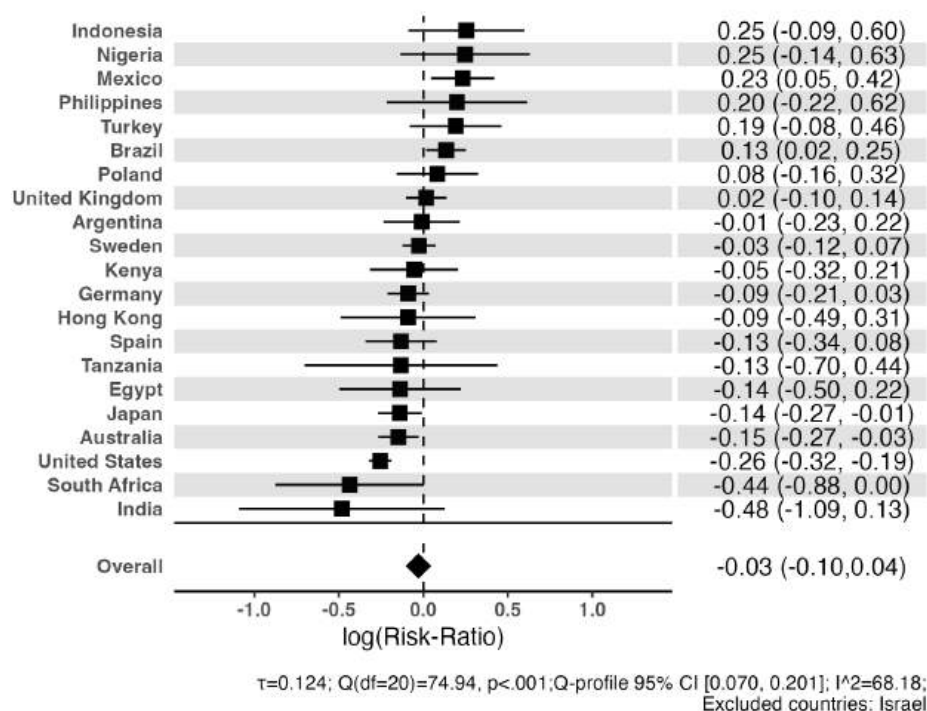


Figure S10a. Education 16+ years: Forest plot for `Outsider growing up`-`Yes` effect
Outsider growing up (Ref: No)

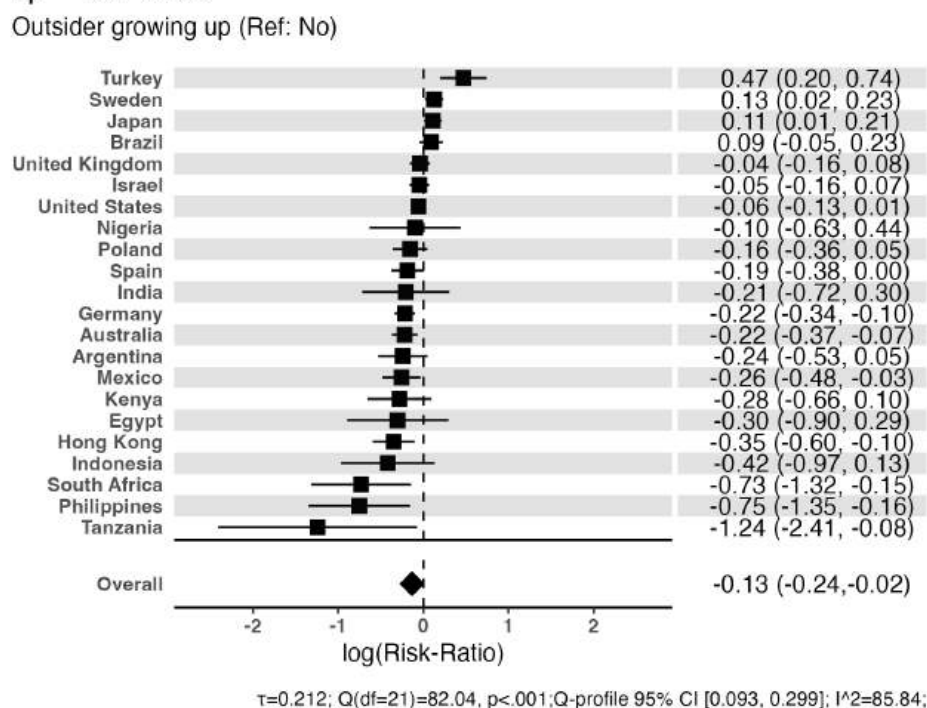


Figure S11a. Education 16+ years: Forest plot for `Self-rated health growing up`-`Excellent` effect

Self-rated health growing up (Ref: Good)

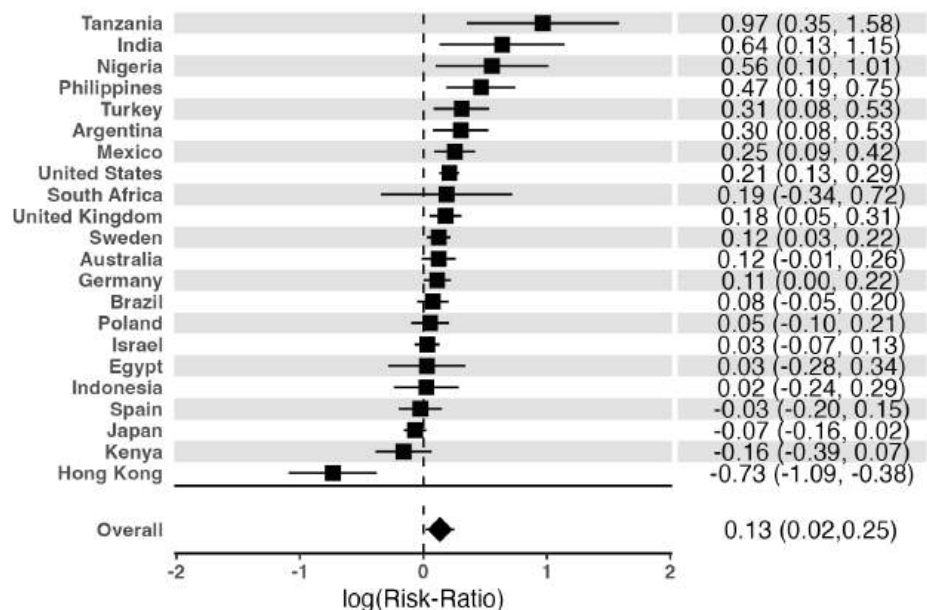


Figure S12a. Education 16+ years: Forest plot for `Self-rated health growing up`-`Fair` effect

Self-rated health growing up (Ref: Good)

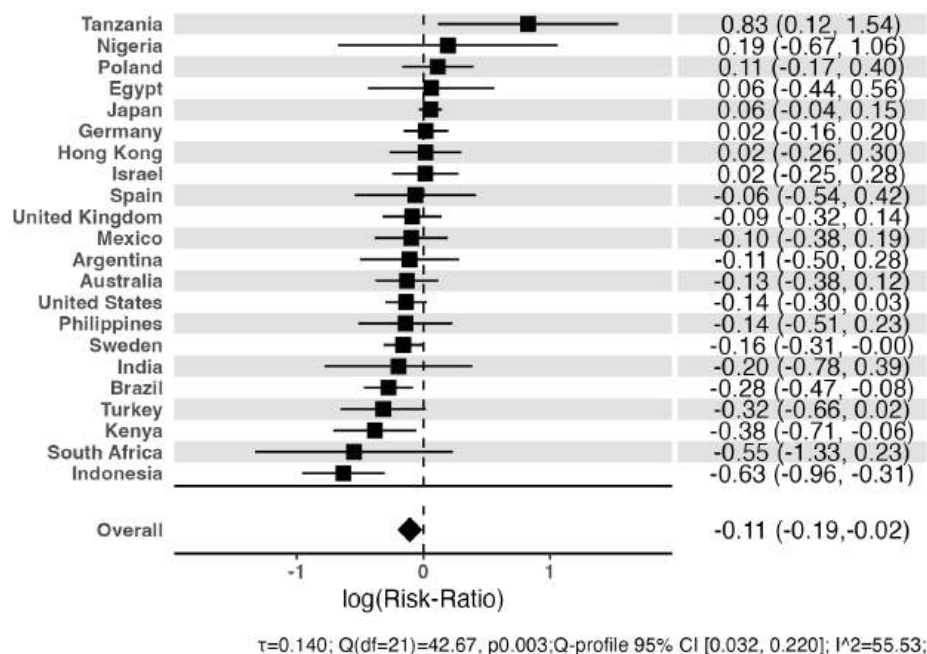
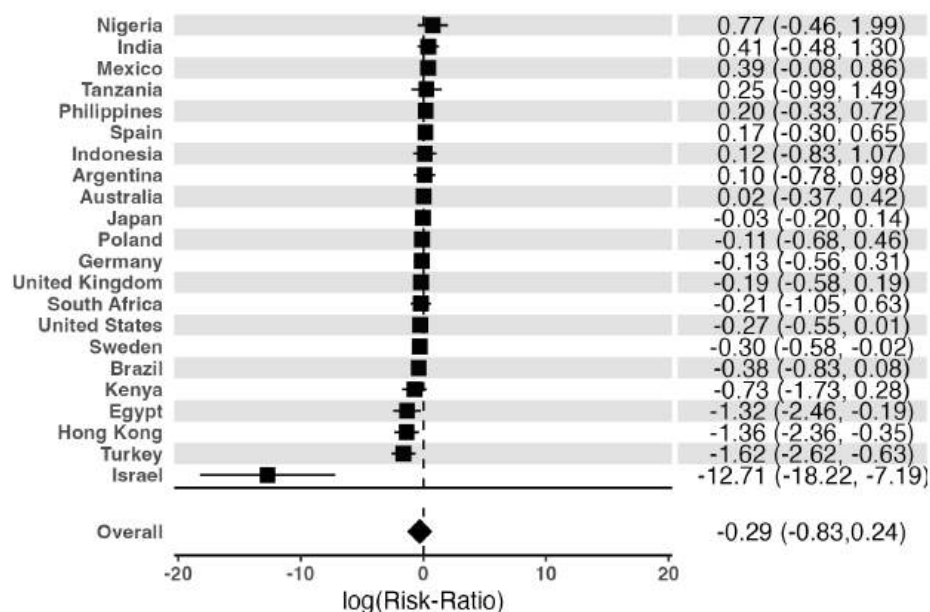


Figure S13a. Education 16+ years: Forest plot for `Self-rated health growing up`-`Poor` effect

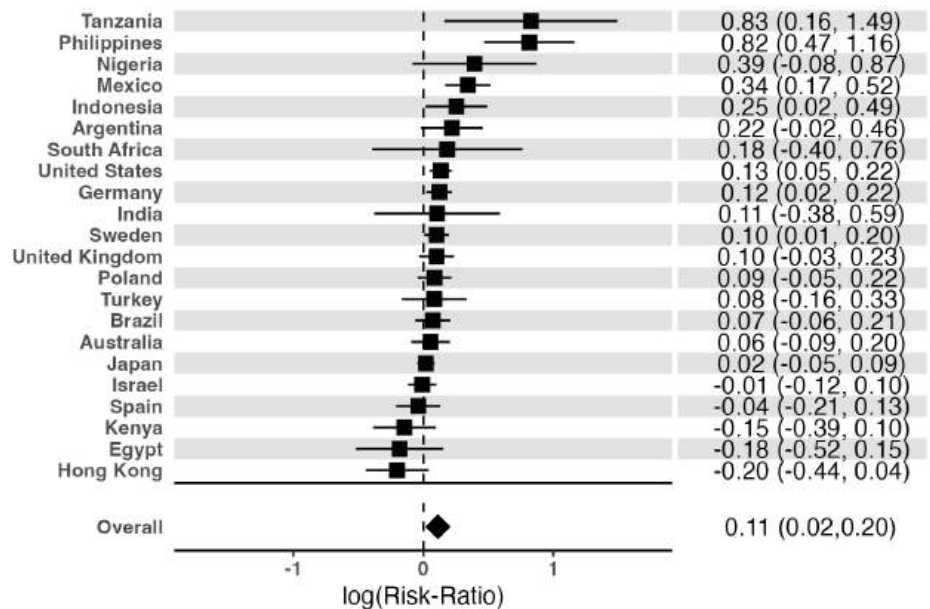
Self-rated health growing up (Ref: Good)



$\tau=1.196$; $Q(df=21)=57.52$, $p<.001$; Q-profile 95% CI [0.000, 1.383]; $I^2=96.06$;

Figure S14a. Education 16+ years: Forest plot for `Self-rated health growing up`-`Very good` effect

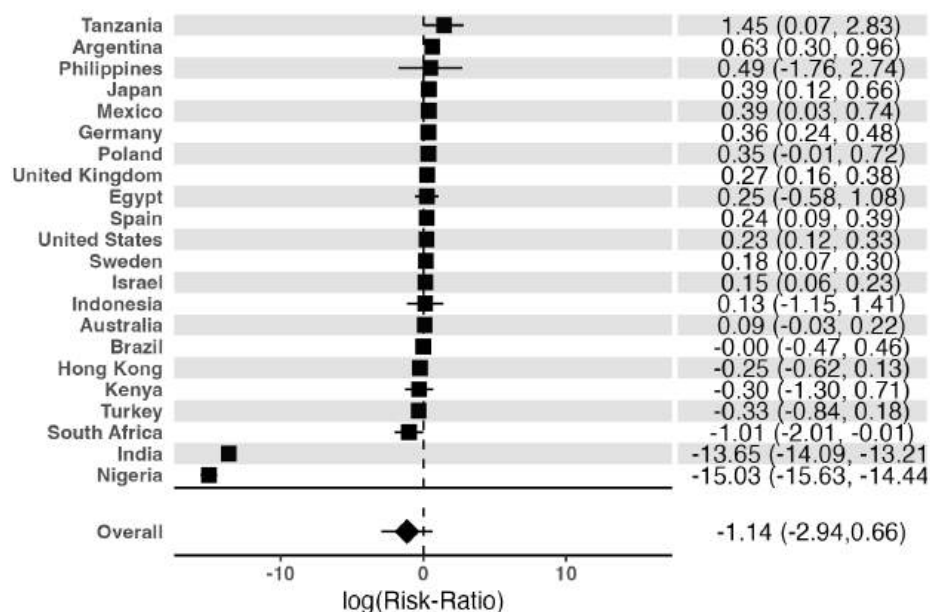
Self-rated health growing up (Ref: Good)



$\tau=0.176$; $Q(df=21)=57.18$, $p<.001$; Q-profile 95% CI [0.000, 0.241]; $I^2=84.24$;

Figure S15a. Education 16+ years: Forest plot for `Immigration status`-`Born in another country` effect

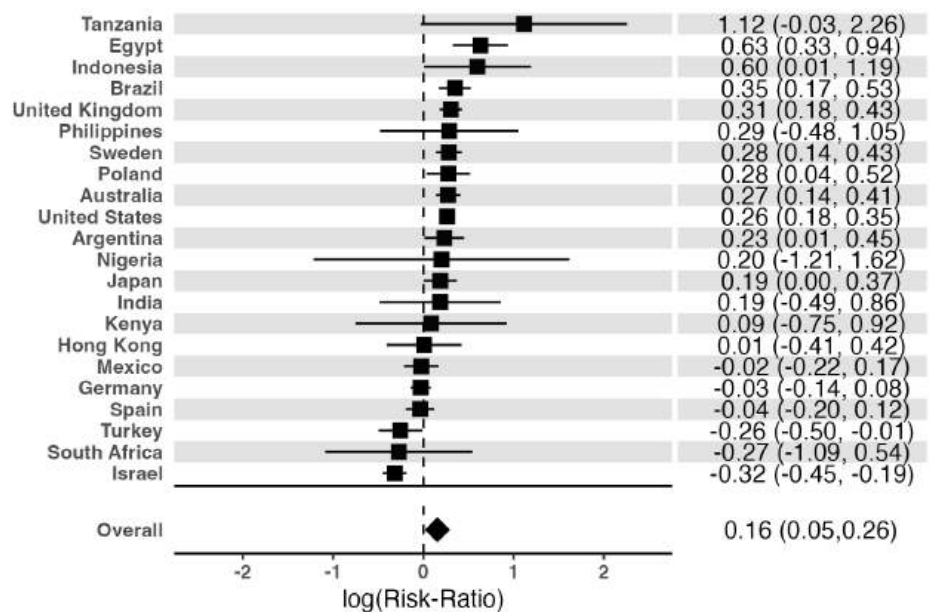
Immigration status (Ref: Born in this country)



$\tau=4.293$; $Q(df=21)=6299.11$, $p<.001$; Q-profile 95% CI [3.203, 5.843]; $I^2=99.95$;

Figure S16a. Education 16+ years: Forest plot for `Age 12 religious serv attendance`-`At least 1/week` effect

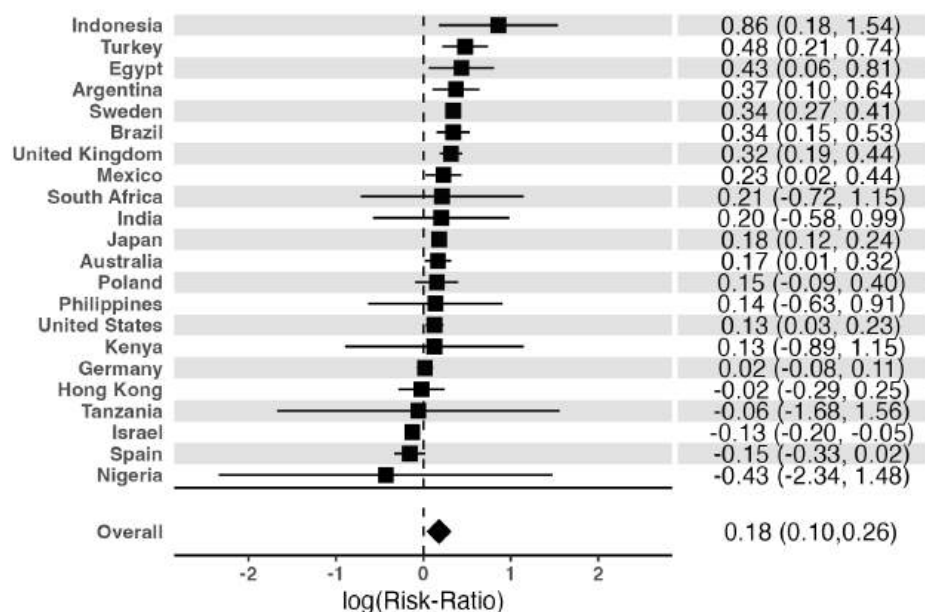
Age 12 religious service attendance (Ref: Never)



$\tau=0.205$; $Q(df=21)=119.44$, $p<.001$; Q-profile 95% CI [0.137, 0.323]; $I^2=81.65$;

Figure S17a. Education 16+ years: Forest plot for `Age 12 religious serv attendance`-`Less than 1/month` effect

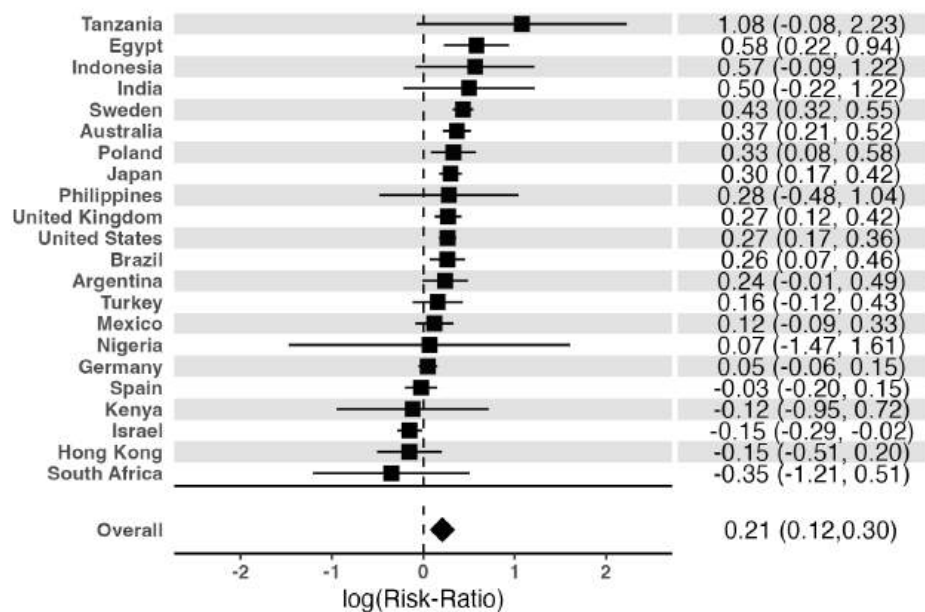
Age 12 religious service attendance (Ref: Never)



$\tau=0.146$; $Q(df=21)=124.38$, $p<.001$; Q-profile 95% CI [0.101, 0.259]; $I^2=78.46$;

Figure S18a. Education 16+ years: Forest plot for `Age 12 religious serv attendance`-`1-3/month` effect

Age 12 religious service attendance (Ref: Never)



$\tau=0.158$; $Q(df=21)=82.36$, $p<.001$; Q-profile 95% CI [0.097, 0.256]; $I^2=72.47$;

Figure S19a. Education 16+ years: Forest plot for `Year of birth` - `1993-1998; age 25-29` effect
Year of birth (Ref: 1998-2005; age 18-24)

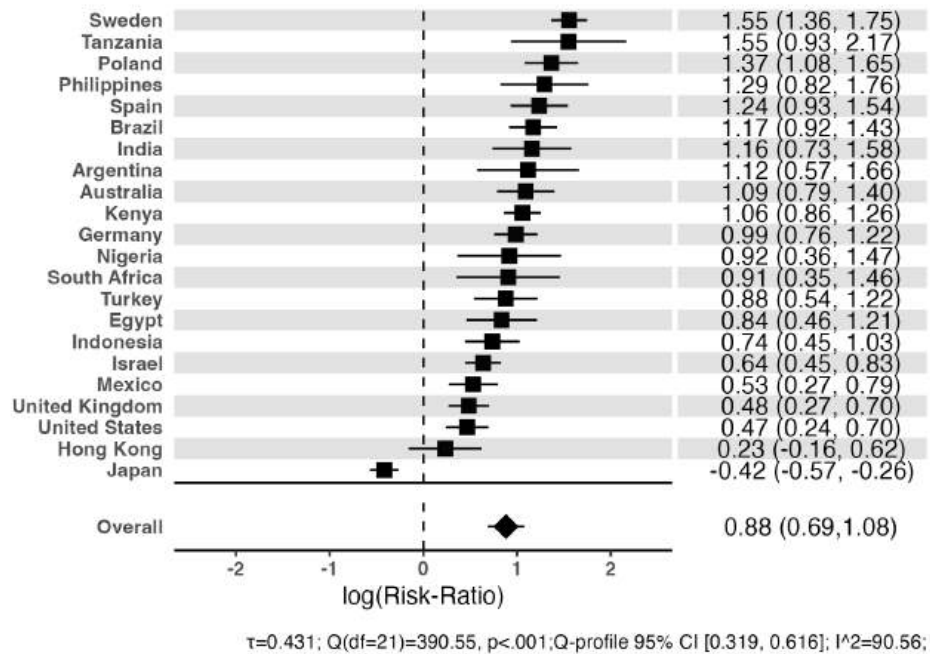


Figure S20a. Education 16+ years: Forest plot for `Year of birth` - `1983-1993; age 30-39` effect
Year of birth (Ref: 1998-2005; age 18-24)

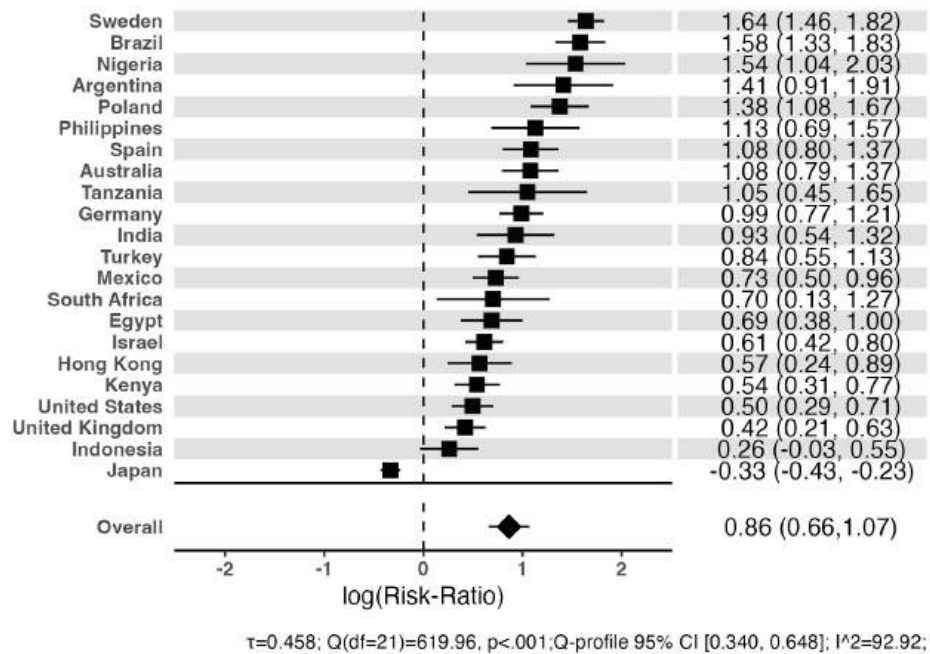
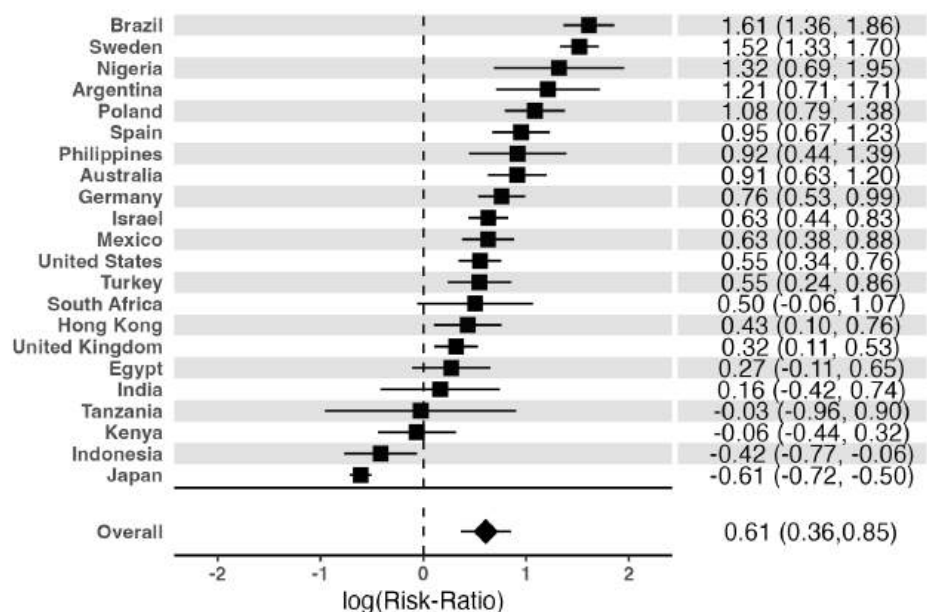


Figure S21a. Education 16+ years: Forest plot for `Year of birth` - `1973-1983; age 40-49` effect

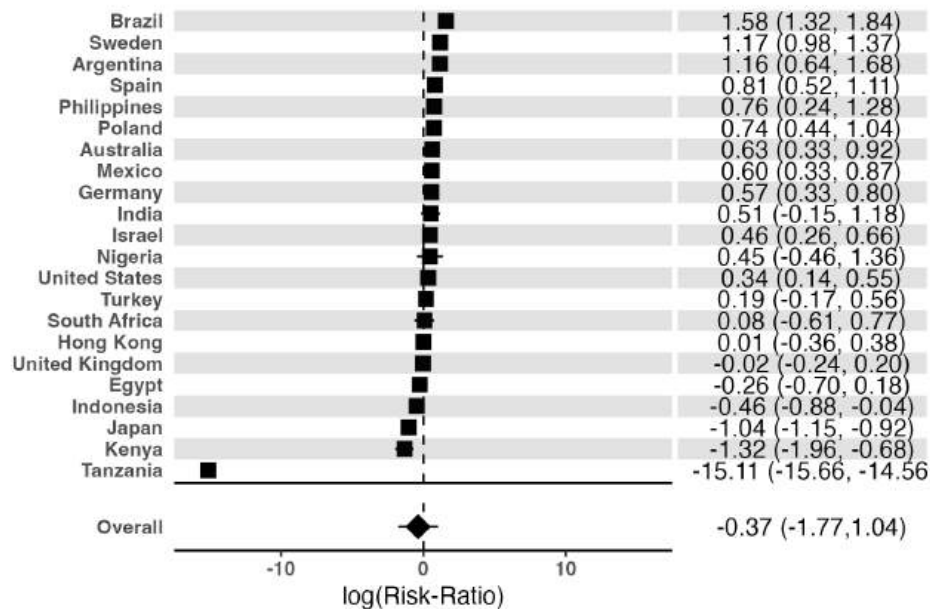
Year of birth (Ref: 1998-2005; age 18-24)



$\tau=0.551$; $Q(df=21)=697.00$, $p<.001$; Q-profile 95% CI [0.403, 0.774]; $I^2=94.33$;

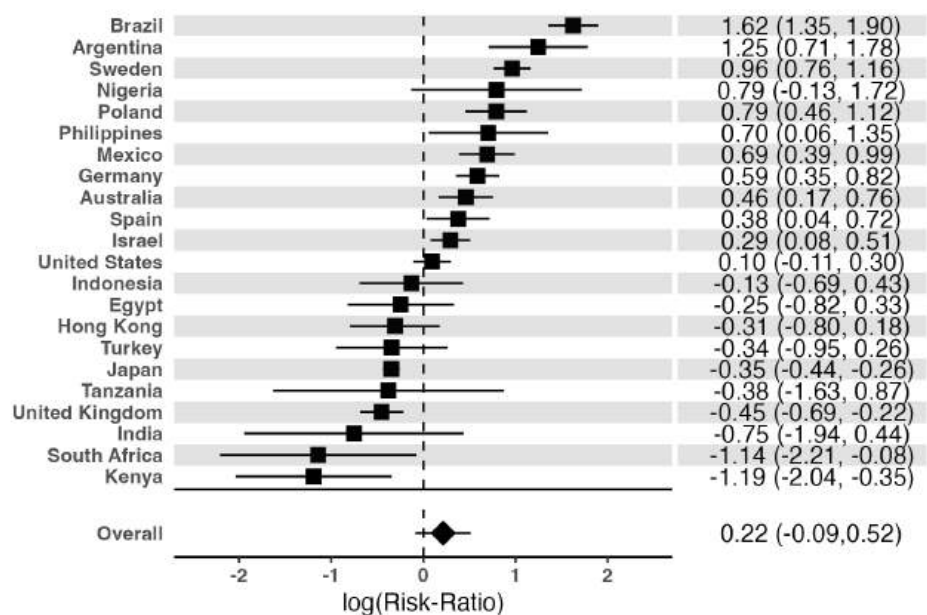
Figure S22a. Education 16+ years: Forest plot for `Year of birth` - `1963-1973; age 50-59` effect

Year of birth (Ref: 1998-2005; age 18-24)



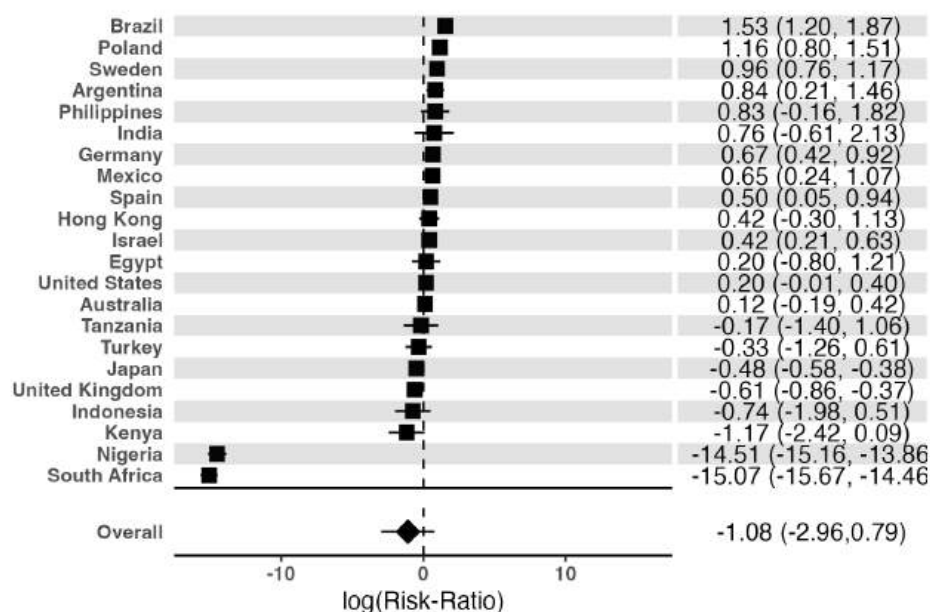
$\tau=3.350$; $Q(df=21)=3707.95$, $p<.001$; Q-profile 95% CI [2.490, 4.550]; $I^2=99.81$;

Figure S23a. Education 16+ years: Forest plot for `Year of birth`-`1953-1963; age 60-69` effect
Year of birth (Ref: 1998-2005; age 18-24)



$\tau=0.663$; $Q(df=21)=412.38$, $p<.001$; Q-profile 95% CI [0.445, 0.927]; $I^2=95.22$;

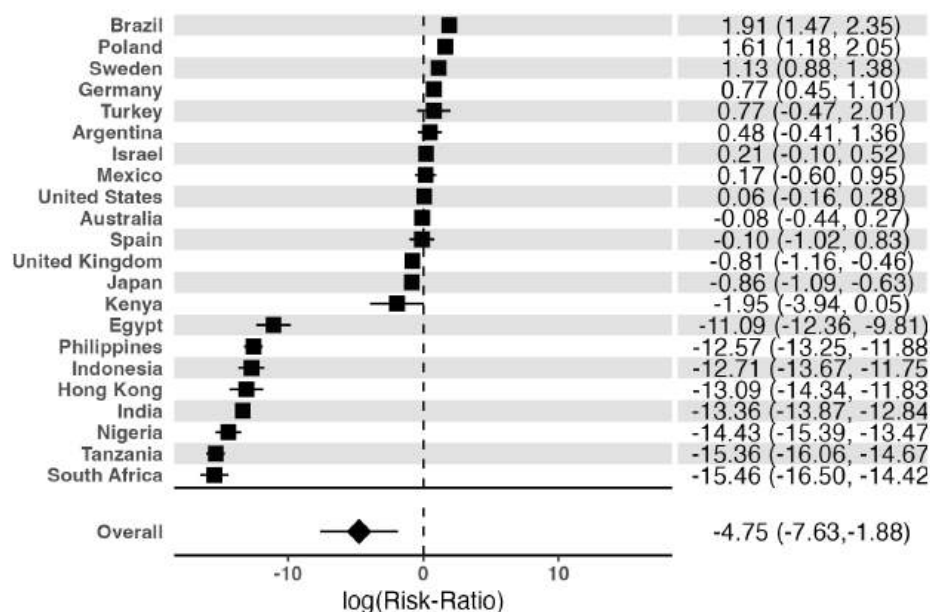
Figure S24a. Education 16+ years: Forest plot for `Year of birth`-`1943-1953; age 70-79` effect
Year of birth (Ref: 1998-2005; age 18-24)



$\tau=4.474$; $Q(df=21)=4631.86$, $p<.001$; Q-profile 95% CI [3.334, 6.085]; $I^2=99.87$;

Figure S25a. Education 16+ years: Forest plot for `Year of birth` - `1943 or earlier; age 80+` effect

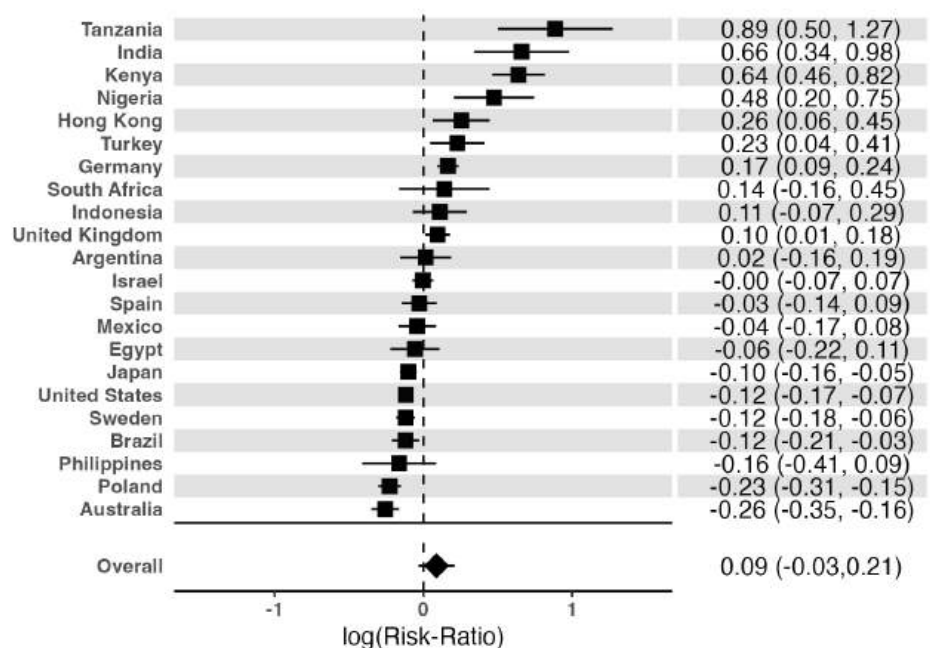
Year of birth (Ref: 1998-2005; age 18-24)



$\tau=6.856$; $Q(df=21)=8498.37$, $p<.001$; Q-profile 95% CI [5.107, 9.314]; $I^2=99.89$;

Figure S26a. Education 16+ years: Forest plot for `Gender` - `Male` effect

Gender (Ref: Male)



$\tau=0.276$; $Q(df=21)=241.68$, $p<.001$; Q-profile 95% CI [0.174, 0.373]; $I^2=96.70$;

Figure S27a. Education 16+ years: Forest plot for `Gender` - `Other` effect
Gender (Ref: Male)

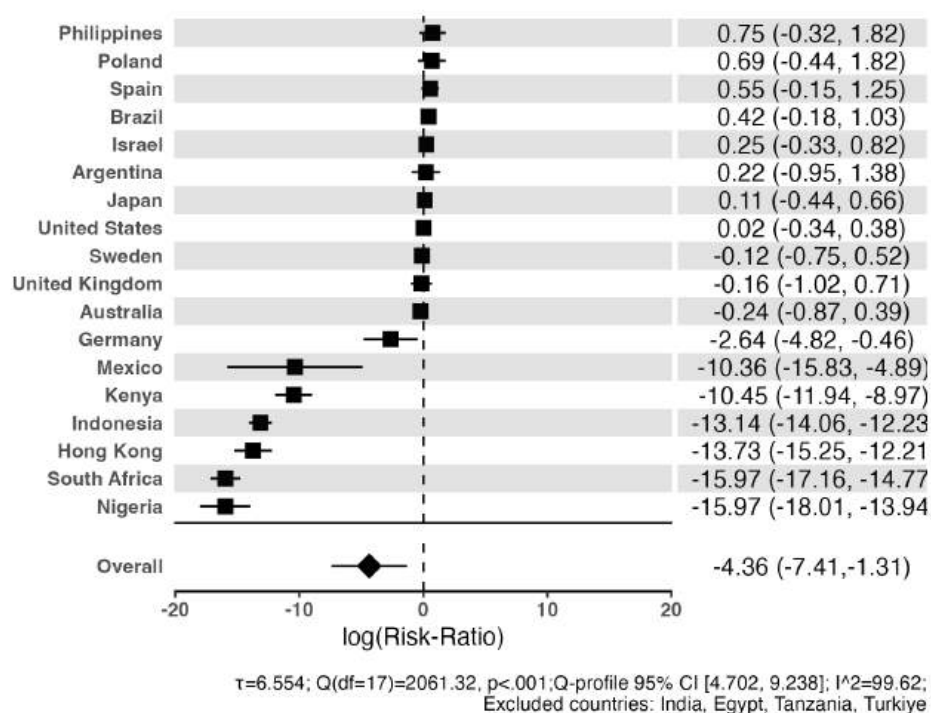


Figure S28a. Education 16+ years: Forest plot for
`Race\_plurality` - `Non-plurality groups` effect
Race_plurality

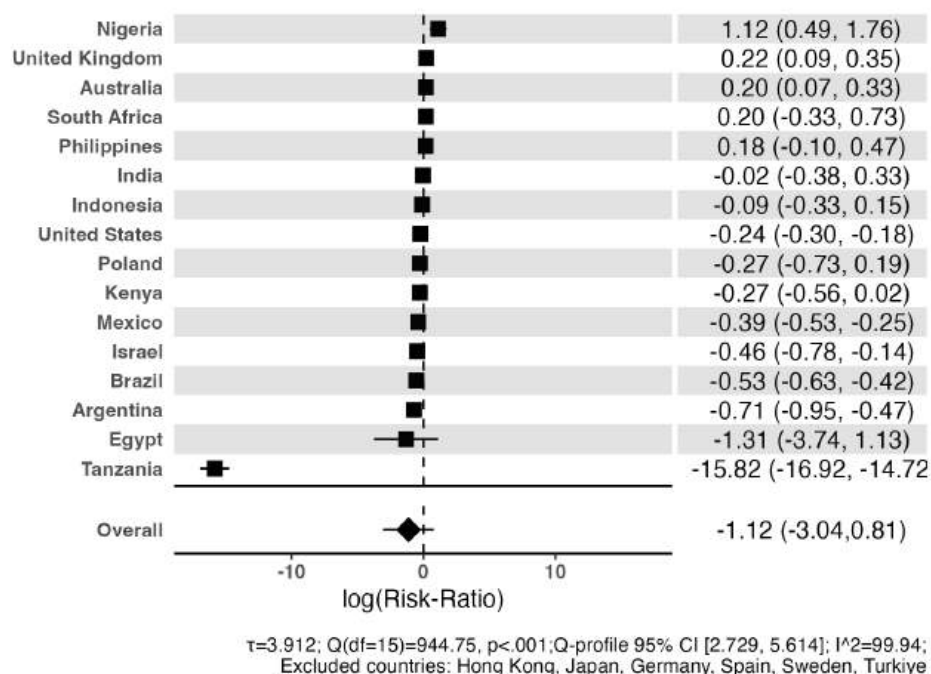
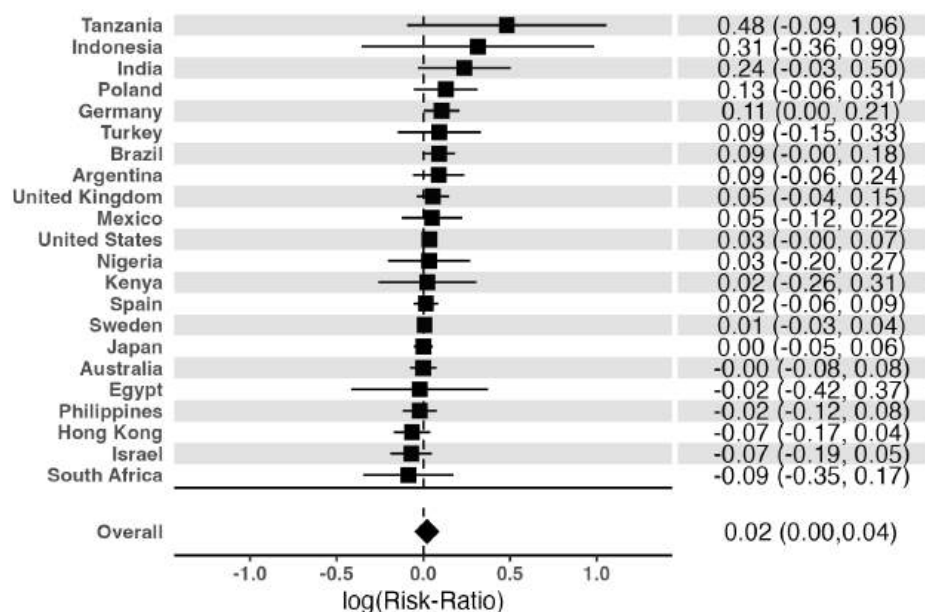


Figure S1b. Highschool equivalence or higher: Forest plot for `Relationsl with mother` - `Very good/somewhat good` effect

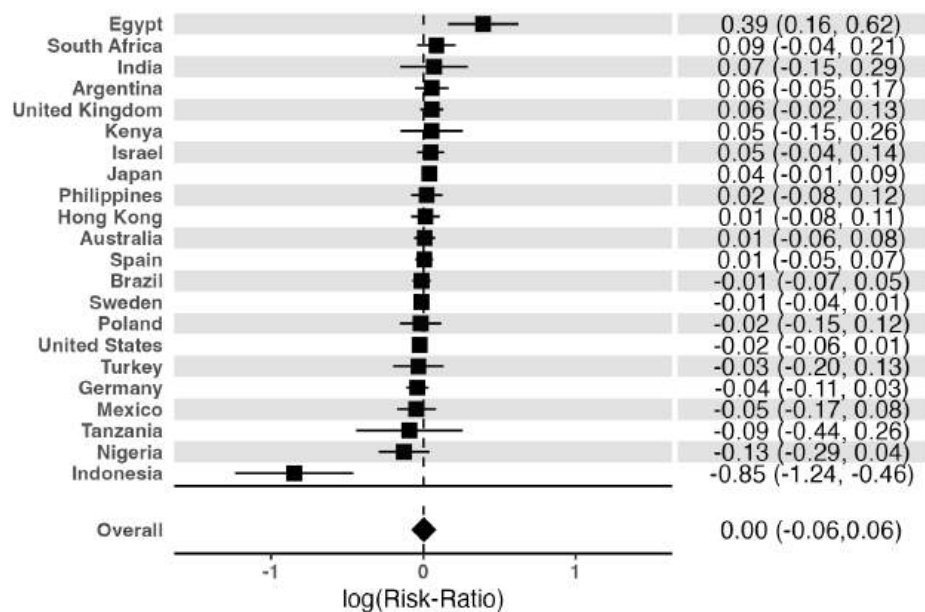
Relationship with mother (Ref: Very bad/somewhat bad)



$\tau=0.011$; $Q(df=21)=21.77$, $p=0.413$; Q-profile 95% CI [0.000, 0.043]; $I^2=5.34$;

Figure S2b. Highschool equivalence or higher: Forest plot for `Relationsl with father` - `Very good/somewhat good` effect

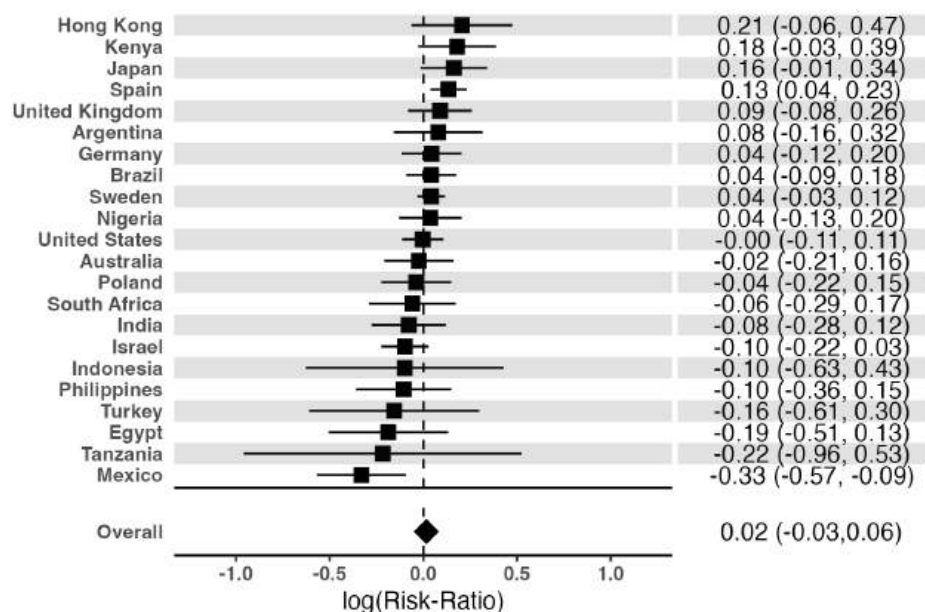
Relationship with father (Ref: Very bad/somewhat bad)



$\tau=0.123$; $Q(df=21)=46.40$, $p=0.001$; Q-profile 95% CI [0.000, 0.152]; $I^2=91.82$;

Figure S3b. Highschool equivalence or higher: Forest plot for `Parent marital status`-`No, one or both of them had died` effect

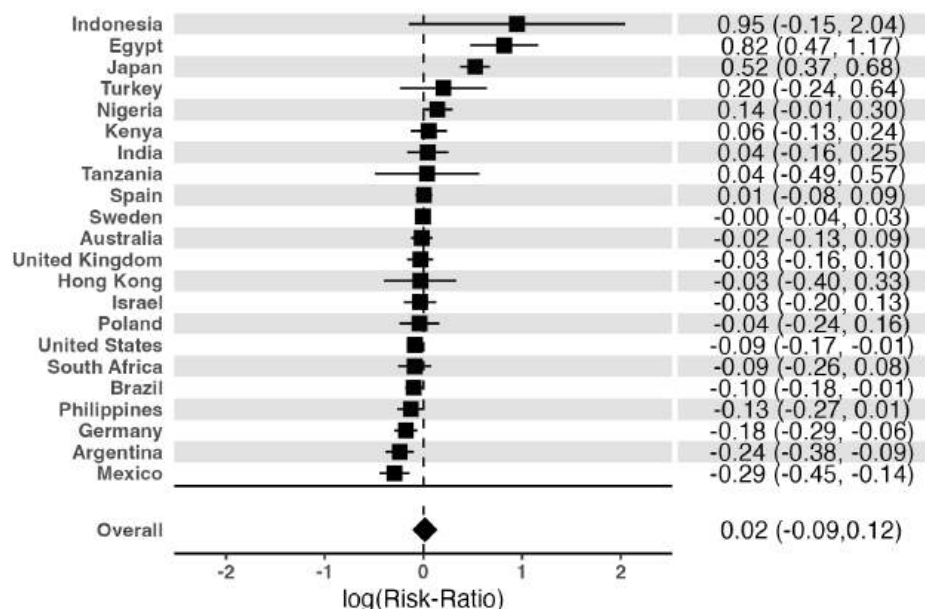
Parent marital status (Ref: Parents married)



$\tau=0.062$; $Q(df=21)=30.90$, $p=0.075$; Q-profile 95% CI [0.000, 0.120]; $I^2=34.91$;

Figure S4b. Highschool equivalence or higher: Forest plot for `Parent marital status`-`Single, never married` effect

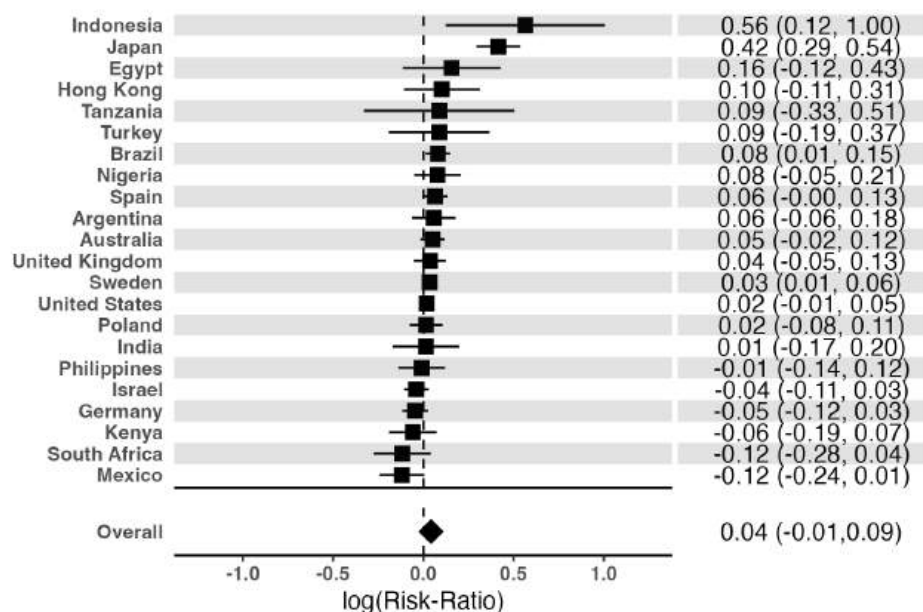
Parent marital status (Ref: Parents married)



$\tau=0.219$; $Q(df=21)=119.01$, $p<.001$; Q-profile 95% CI [0.122, 0.300]; $I^2=92.86$;

Figure S5b. Highschool equivalence or higher: Forest plot for `Parent marital status`-`Yes, married` effect

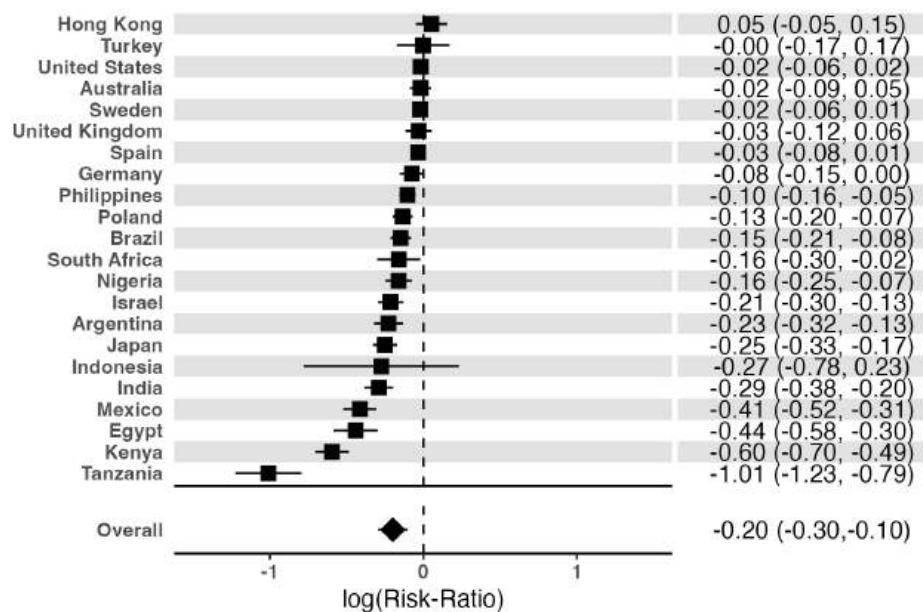
Parent marital status (Ref: Parents married)



$\tau=0.101$; $Q(df=21)=70.34$, $p<.001$; Q-profile 95% CI [0.048, 0.145]; $I^2=87.13$;

Figure S6b. Highschool equivalence or higher: Forest plot for `Subjective financial status of family growing up`-`Found it difficult` effect

Subjective financial status of family growing up (Ref: Got by)



$\tau=0.225$; $Q(df=21)=314.85$, $p<.001$; Q-profile 95% CI [0.152, 0.307]; $I^2=97.35$;

Figure S7b. Highschool equivalence or higher: Forest plot for `Subjective financial status of family growing up`-`Found it very difficult` effect
Subjective financial status of family growing up (Ref: Got by)

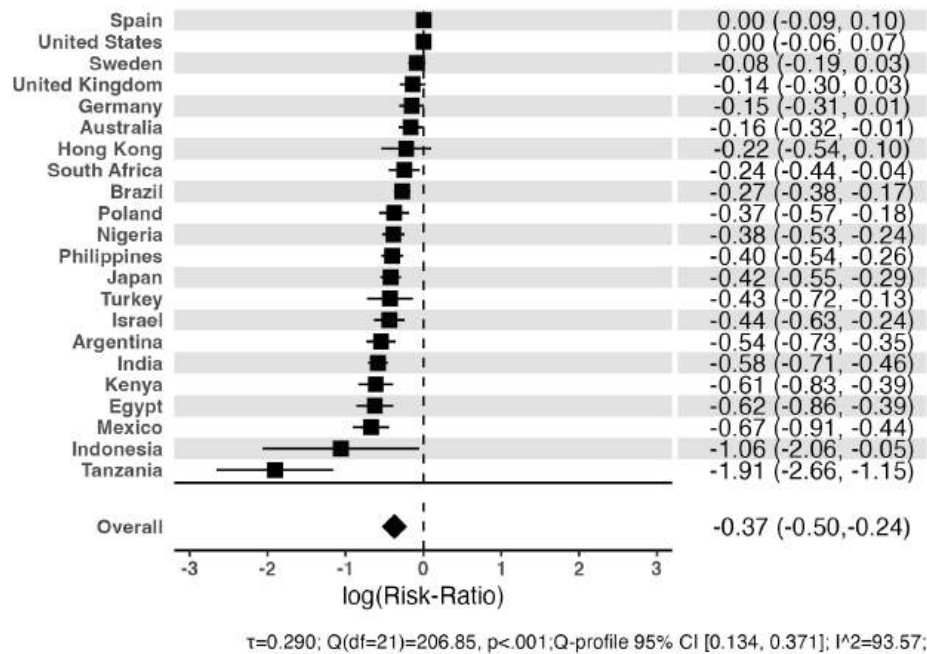


Figure S8b. Highschool equivalence or higher: Forest plot for `Subjective financial status of family growing up`-`Lived comfortably` effect
Subjective financial status of family growing up (Ref: Got by)

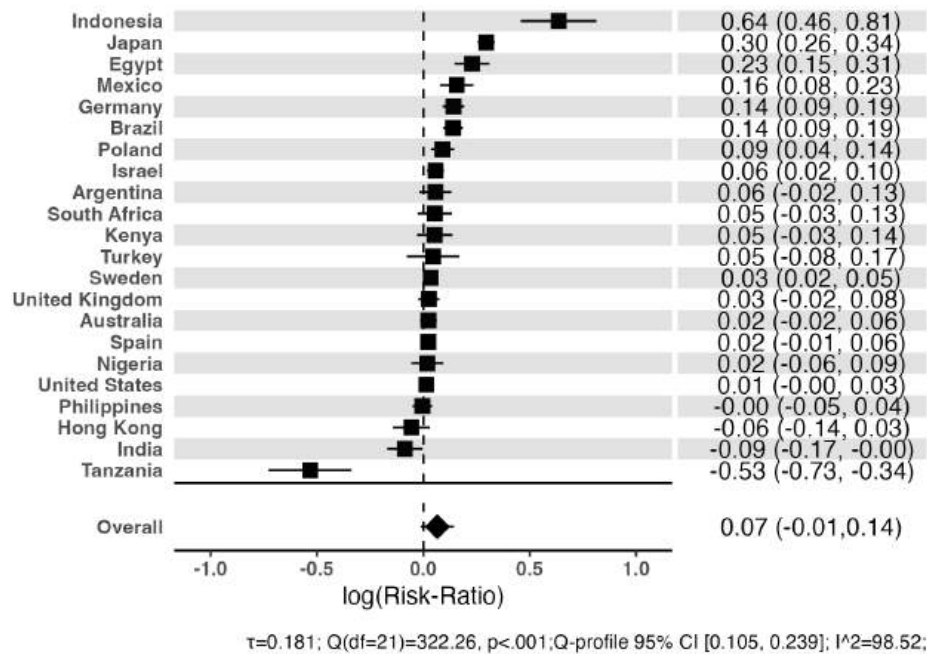


Figure S9b. Highschool equivalence or higher: Forest plot for `Abuse`-`Y` effect

Abuse (Ref: No)

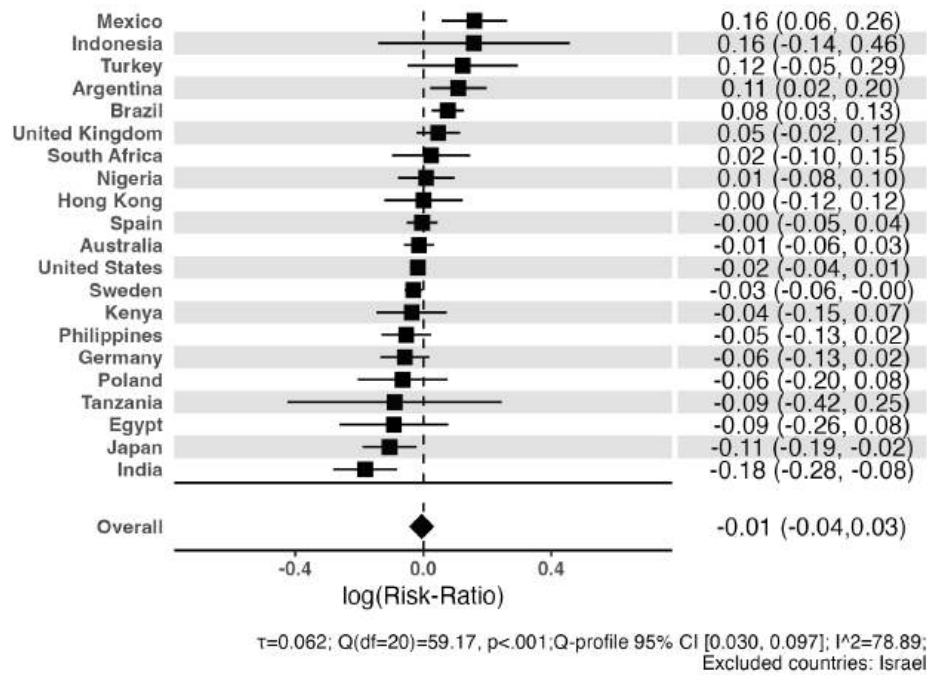


Figure S10b. Highschool equivalence or higher: Forest plot for `Outsider growing up`-`Yes` effect

Outsider growing up (Ref: No)

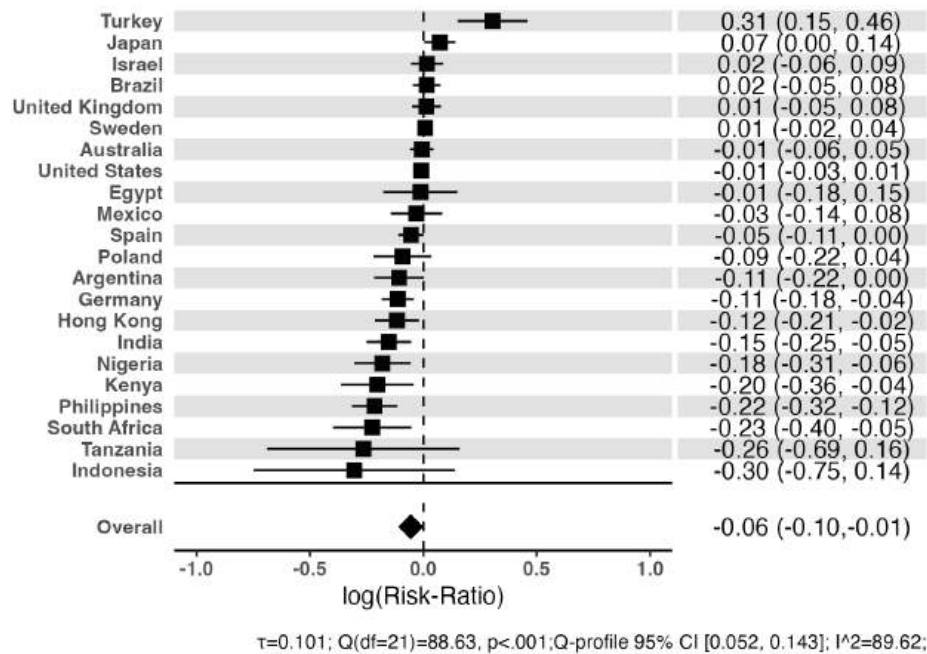


Figure S11b. Highschool equivalence or higher: Forest plot for `Self-rate health growing up`-`Excellent` effect

Self-rated health growing up (Ref: Good)

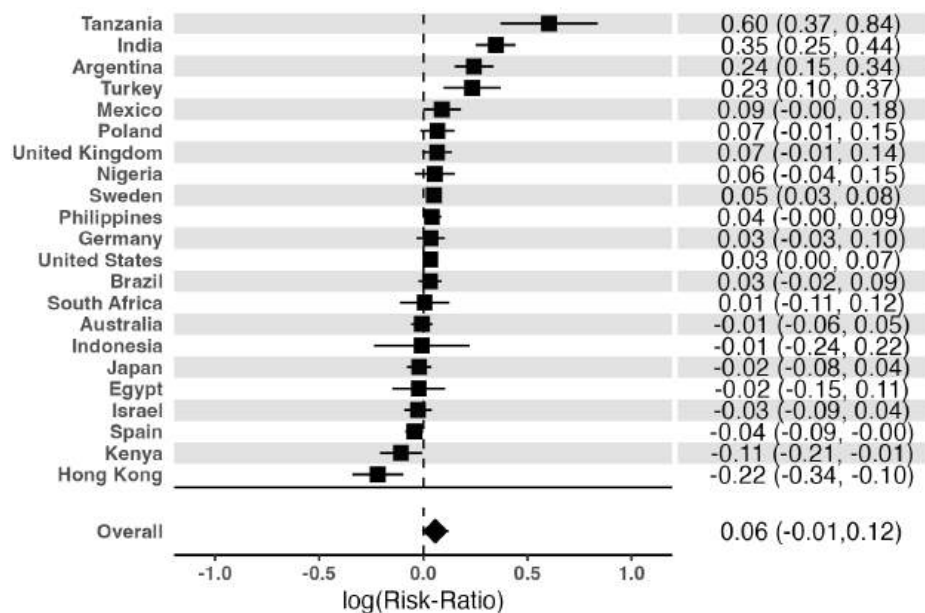


Figure S12b. Highschool equivalence or higher: Forest plot for `Self-rate health growing up`-`Fair` effect

Self-rated health growing up (Ref: Good)

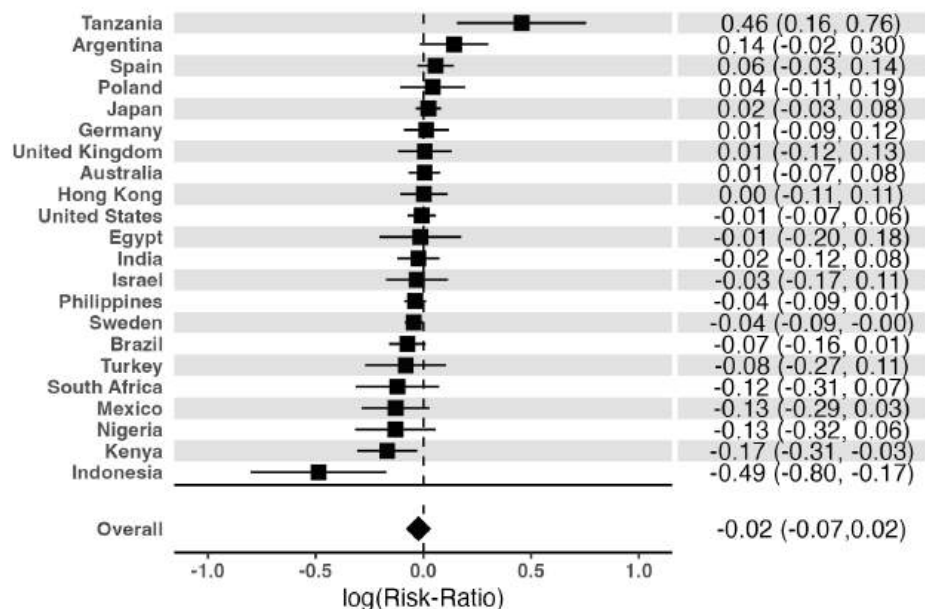
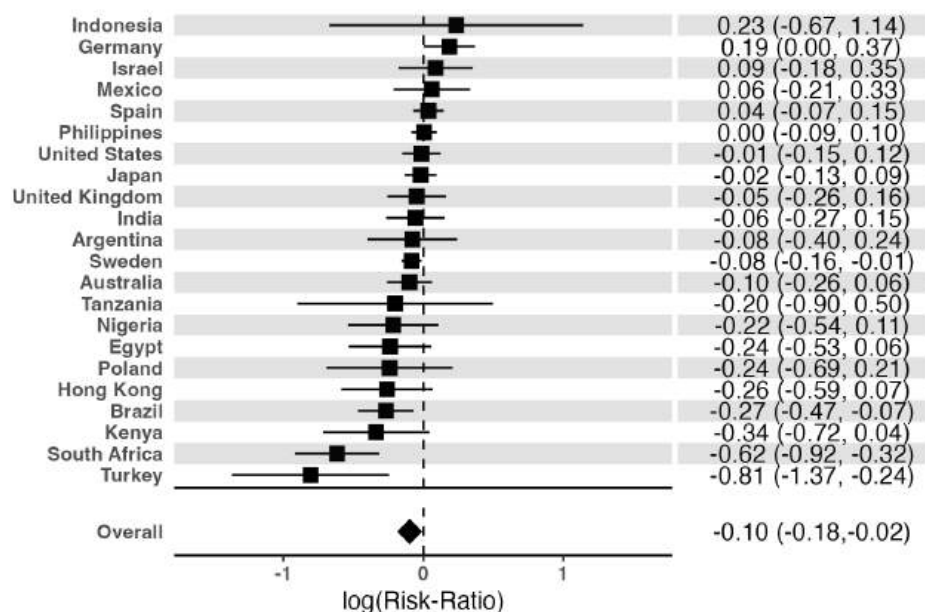


Figure S13b. Highschool equivalence or higher: Forest plot for `Self-rate health growing up`-`Poor` effect

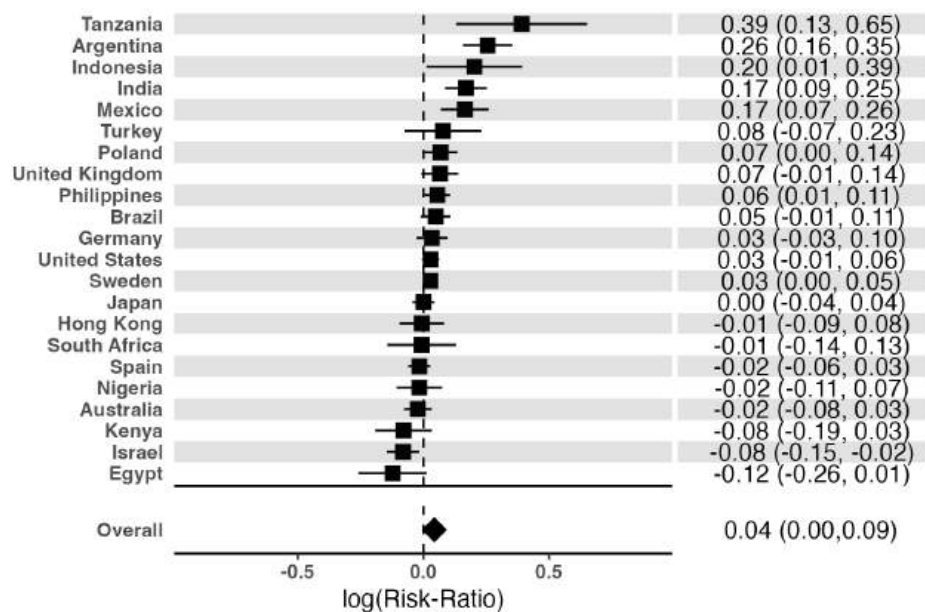
Self-rated health growing up (Ref: Good)



$\tau=0.145$; $Q(df=21)=46.38$, $p<0.001$; Q-profile 95% CI [0.000, 0.218]; $I^2=71.99$;

Figure S14b. Highschool equivalence or higher: Forest plot for `Self-rate health growing up`-`Very good` effect

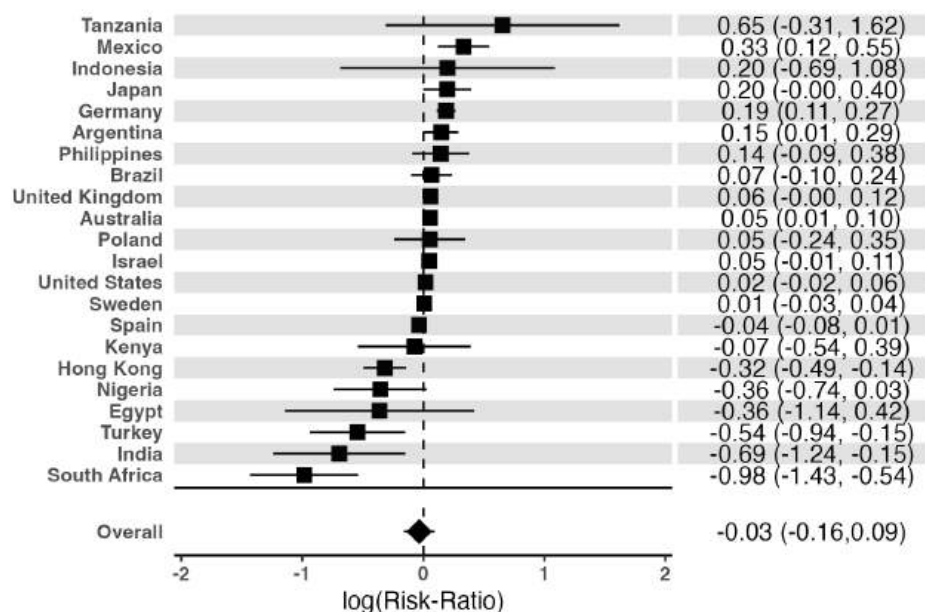
Self-rated health growing up (Ref: Good)



$\tau=0.089$; $Q(df=21)=84.05$, $p<0.001$; Q-profile 95% CI [0.040, 0.121]; $I^2=88.96$;

Figure S15b. Highschool equivalence or higher: Forest plot for `Immigral status`-`Born in another country` effect

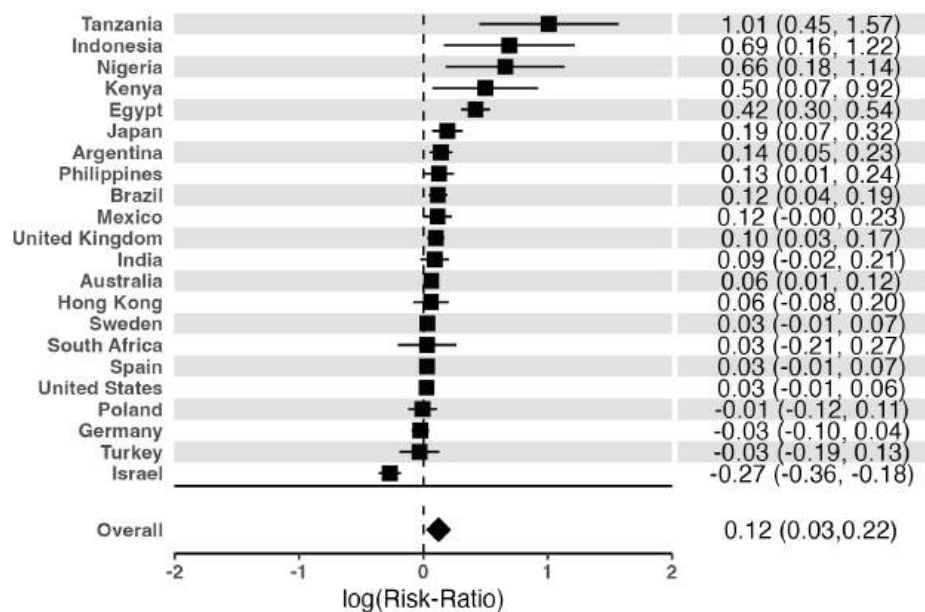
Immigration status (Ref: Born in this country)



$\tau=0.268$; $Q(df=21)=100.21$, $p<.001$; Q-profile 95% CI [0.091, 0.369]; $I^2=97.44$;

Figure S16b. Highschool equivalence or higher: Forest plot for `Age 12 religious service attendance`-`At least 1/week` effect

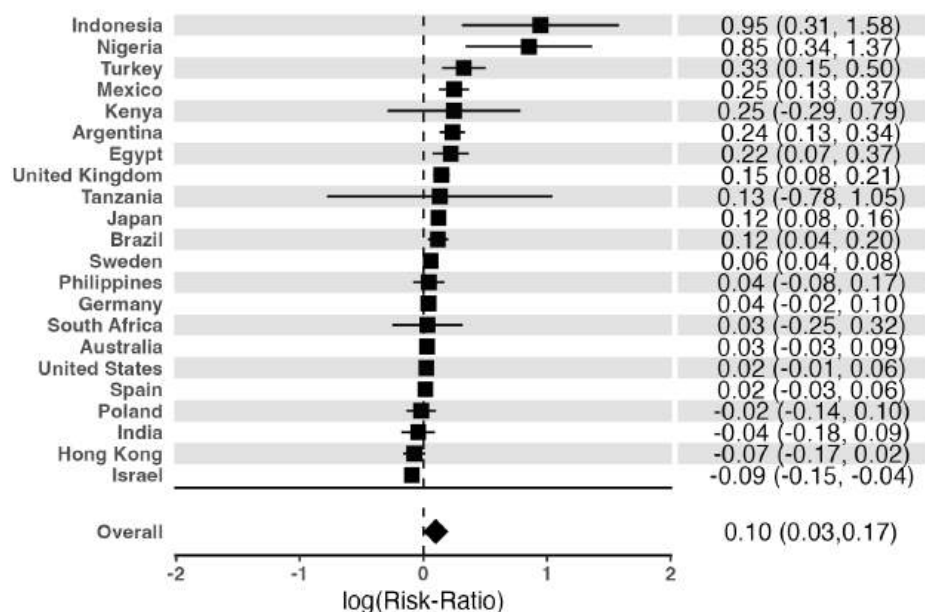
Age 12 religious service attendance (Ref: Never)



$\tau=0.208$; $Q(df=21)=138.35$, $p<.001$; Q-profile 95% CI [0.079, 0.267]; $I^2=96.24$;

Figure S17b. Highschool equivalence or higher: Forest plot for `Age 12 religious service attendance`-`Less than 1/month` effect

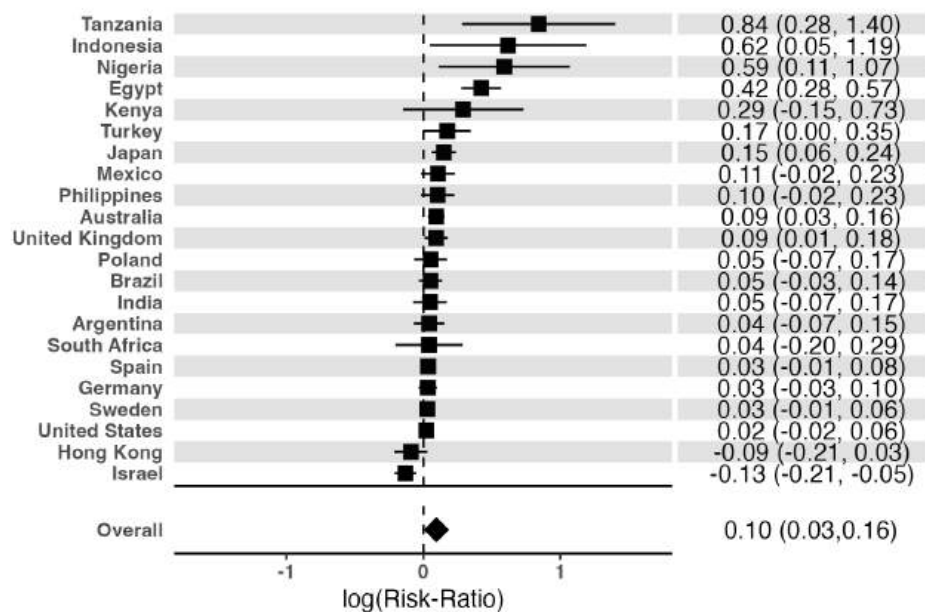
Age 12 religious service attendance (Ref: Never)



$\tau=0.152$; $Q(df=21)=119.45$, $p<.001$; Q-profile 95% CI [0.053, 0.195]; $I^2=95.53$;

Figure S18b. Highschool equivalence or higher: Forest plot for `Age 12 religious service attendance`-`1-3/month` effect

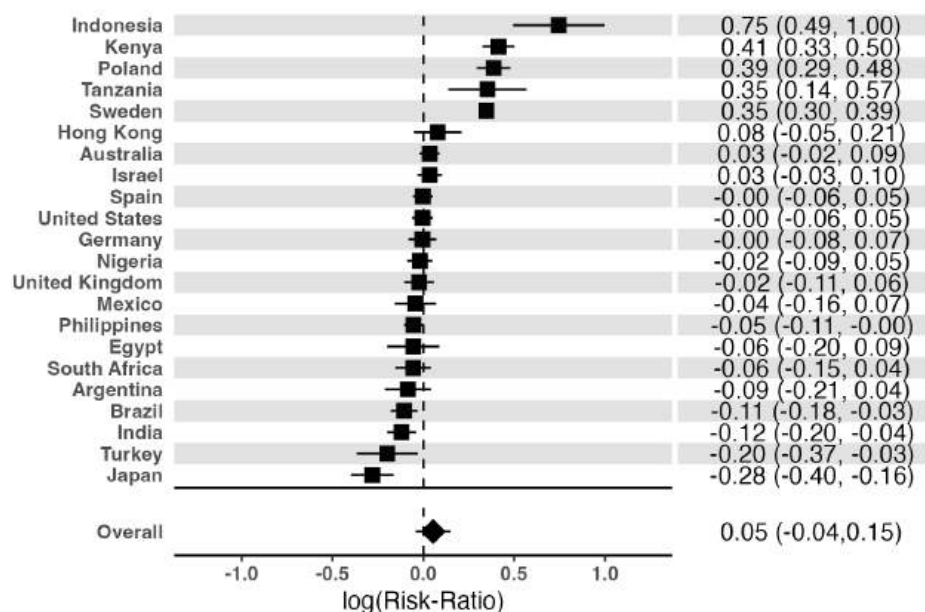
Age 12 religious service attendance (Ref: Never)



$\tau=0.144$; $Q(df=21)=83.46$, $p<.001$; Q-profile 95% CI [0.042, 0.186]; $I^2=92.14$;

Figure S19b. Highschool equivalence or higher: Forest plot for `Year of birth` - `1993-1998; age 25-29` effect

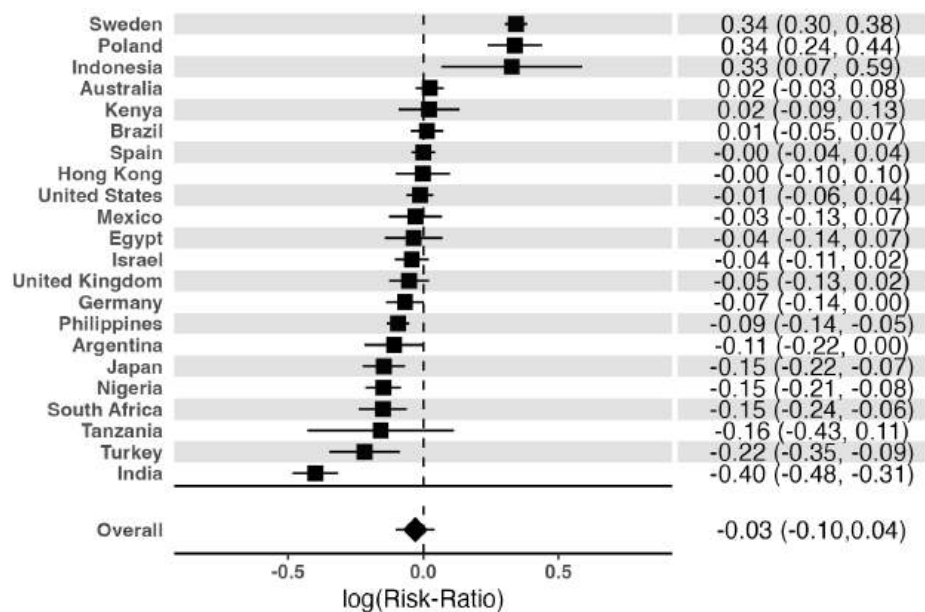
Year of birth (Ref: 1998-2005; age 18-24)



$\tau=0.223$; $Q(df=21)=453.88$, $p<.001$; Q-profile 95% CI [0.149, 0.301]; $I^2=96.87$;

Figure S20b. Highschool equivalence or higher: Forest plot for `Year of birth` - `1983-1993; age 30-39` effect

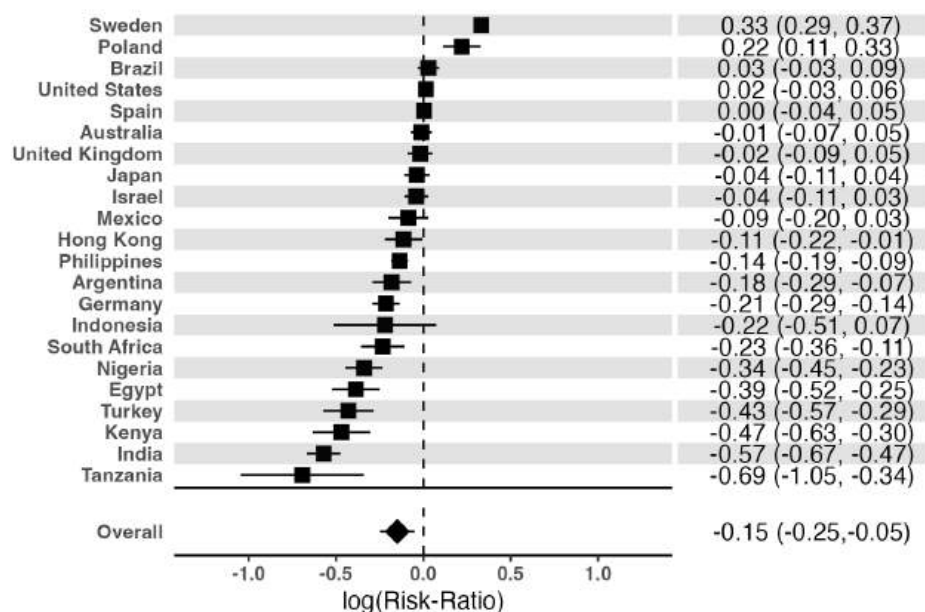
Year of birth (Ref: 1998-2005; age 18-24)



$\tau=0.164$; $Q(df=21)=480.67$, $p<.001$; Q-profile 95% CI [0.116, 0.226]; $I^2=95.47$;

Figure S21b. Highschool equivalence or higher: Forest plot for `Year of birth` - `1973-1983; age 40-49` effect

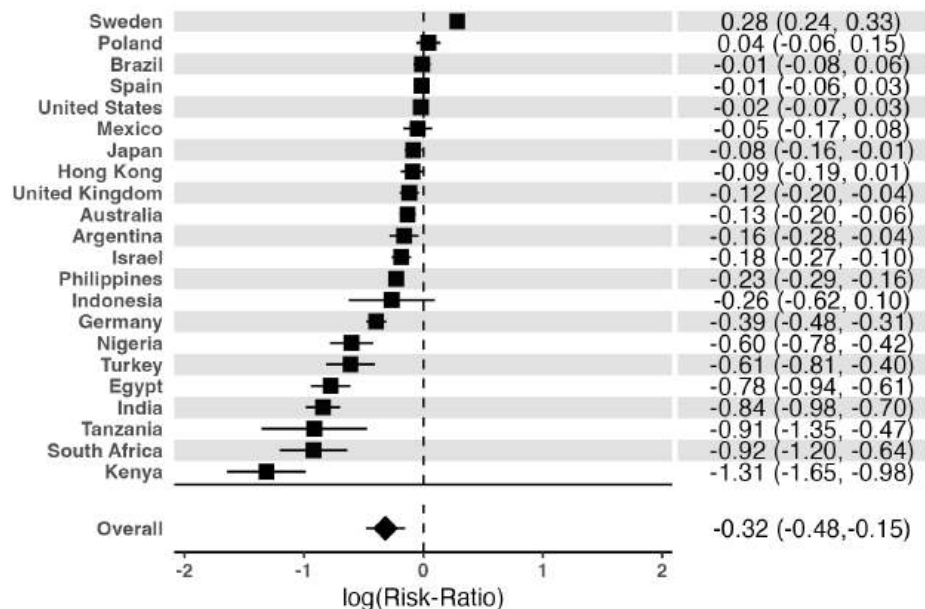
Year of birth (Ref: 1998-2005; age 18-24)



$\tau=0.231$; $Q(df=21)=619.19$, $p<.001$; Q-profile 95% CI [0.162, 0.315]; $I^2=97.35$;

Figure S22b. Highschool equivalence or higher: Forest plot for `Year of birth` - `1963-1973; age 50-59` effect

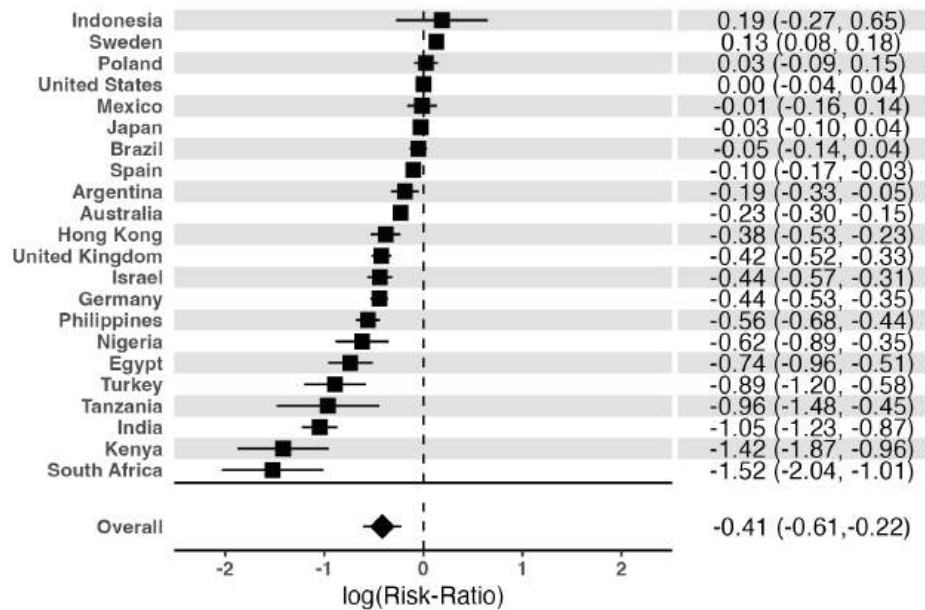
Year of birth (Ref: 1998-2005; age 18-24)



$\tau=0.384$; $Q(df=21)=705.14$, $p<.001$; Q-profile 95% CI [0.268, 0.522]; $I^2=98.75$;

Figure S23b. Highschool equivalence or higher: Forest plot for `Year of birth` - `1953-1963; age 60-69` effect

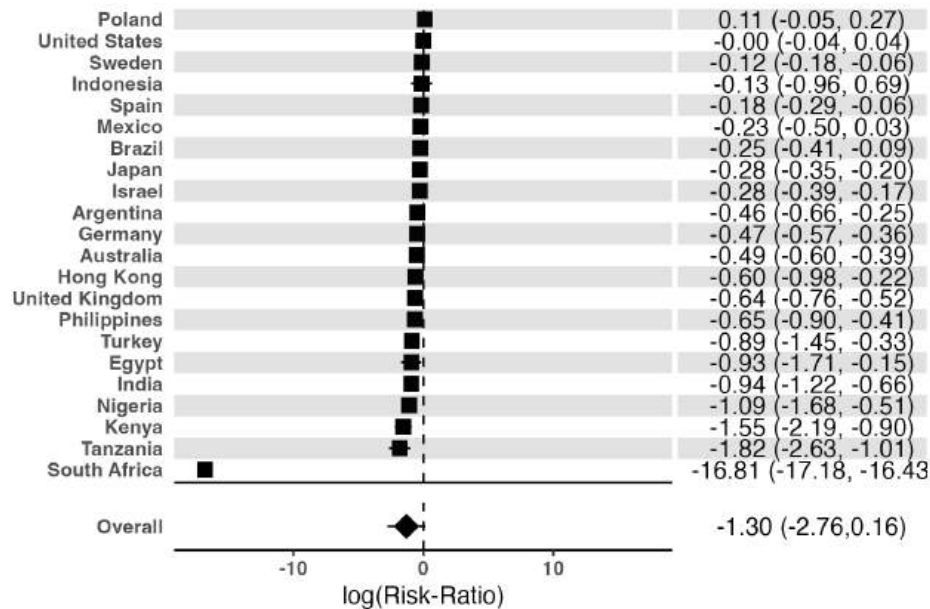
Year of birth (Ref: 1998-2005; age 18-24)



$\tau=0.449$; $Q(df=21)=571.65$, $p<.001$; Q-profile 95% CI [0.296, 0.607]; $I^2=98.71$;

Figure S24b. Highschool equivalence or higher: Forest plot for `Year of birth` - `1943-1953; age 70-79` effect

Year of birth (Ref: 1998-2005; age 18-24)



$\tau=3.491$; $Q(df=21)=7836.06$, $p<.001$; Q-profile 95% CI [2.602, 4.743]; $I^2=99.97$;

Figure S25b. Highschool equivalence or higher: Forest plot for `Year of birth` - `1943 or earlier; age 80+` effect

Year of birth (Ref: 1998-2005; age 18-24)

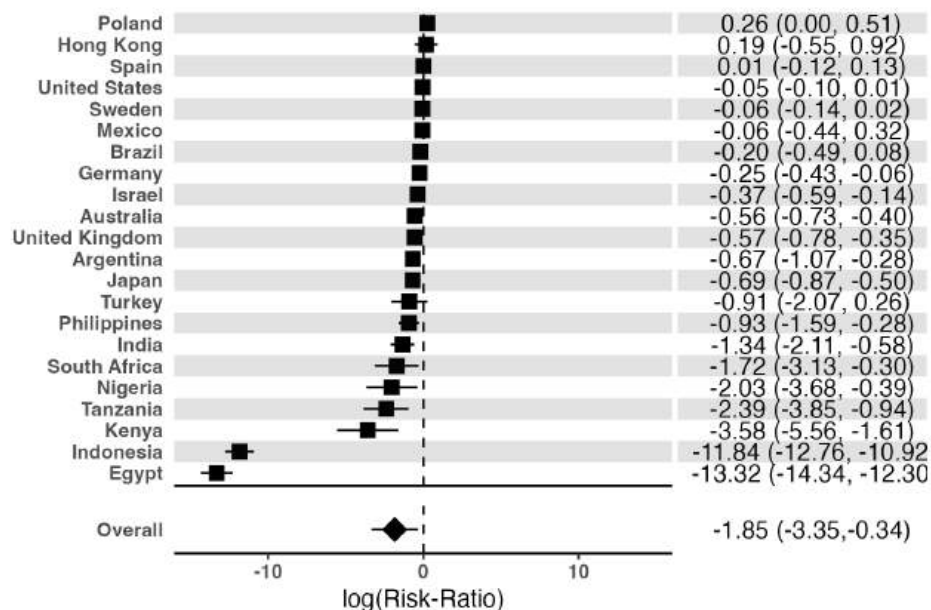


Figure S26b. Highschool equivalence or higher: Forest plot for `Gender` - `Male` effect

Gender (Ref: Male)

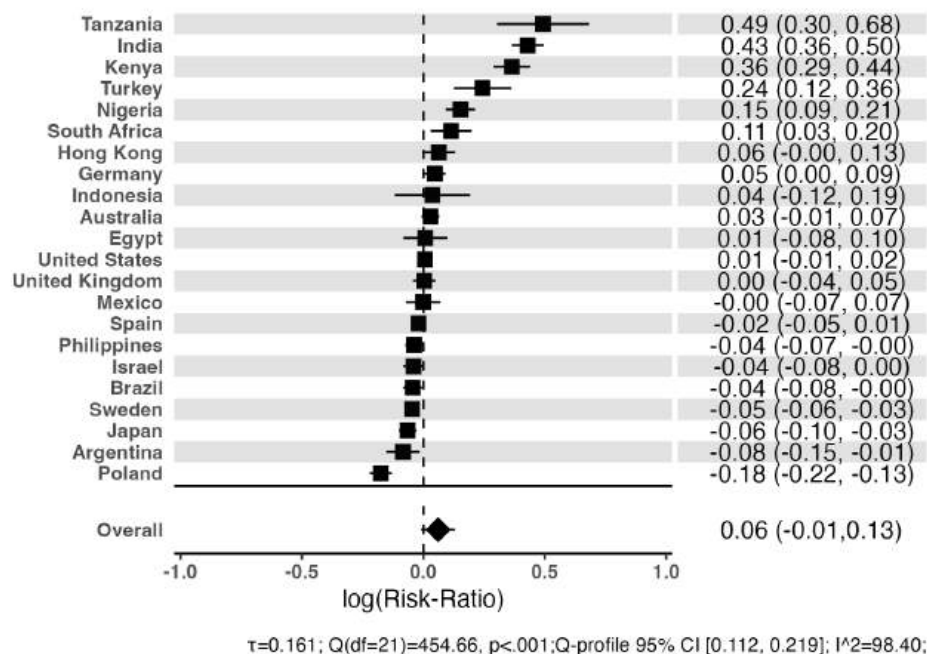
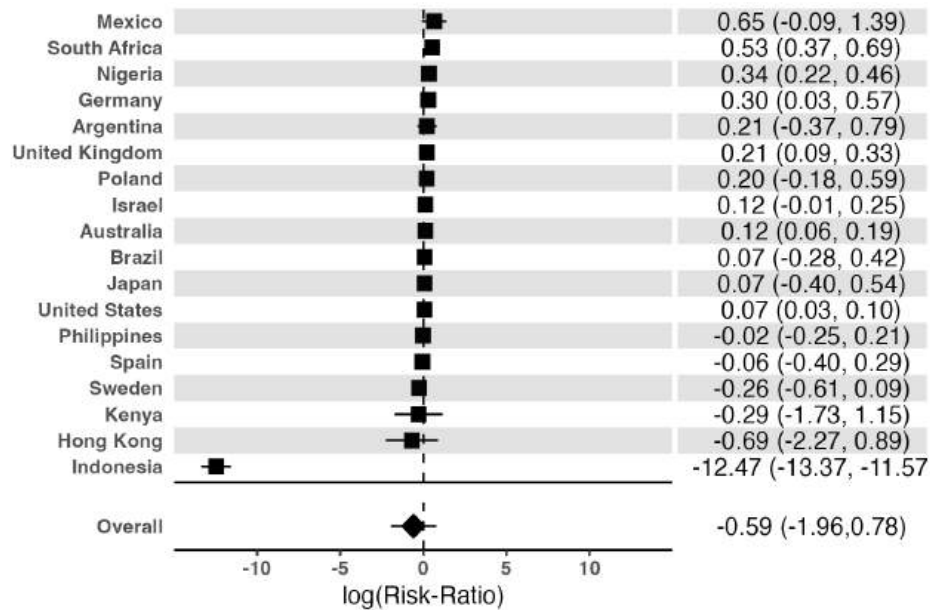


Figure S27b. Highschool equivalence or higher: Forest plot for
`Gender`-`Other` effect

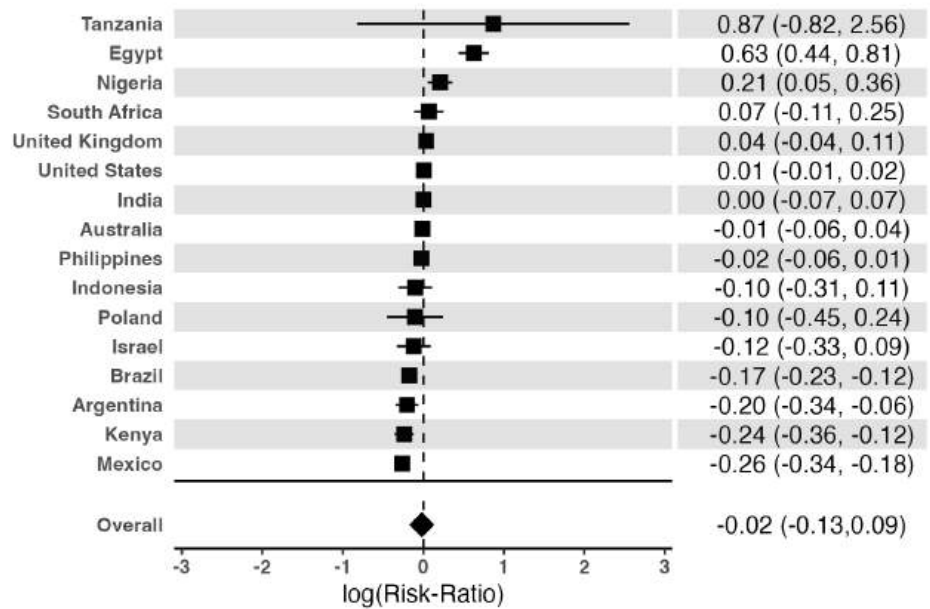
Gender (Ref: Male)



$\tau=2.943$; $Q(df=17)=805.77$, $p<.001$; Q-profile 95% CI [2.090, 4.133]; $I^2=99.94$;
Excluded countries: India, Egypt, Tanzania, Turkiye

Figure S28b. Highschool equivalence or higher: Forest plot for
`Race\_plurality`-`Non-plurality groups` effect

Race_plurality



$\tau=0.201$; $Q(df=15)=151.81$, $p<.001$; Q-profile 95% CI [0.123, 0.301]; $I^2=97.24$;
Excluded countries: Hong Kong, Japan, Germany, Spain, Sweden, Turkiye