

Correlates of Climate Change Risk Perception: Evidence from Latin America

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1 Descriptive Statistics

This section contains the descriptive statistics of the dependent and independent variables used the paper. All estimates include weights to adjust sample representativeness.

1.1 Dependent Variables

Table 1: Dependent variables

	Overall	Argentina	Brazil	Chile	Colombia	Ecuador	Mexico	Peru
Spatial dimension								
Mean	3.72	3.58	3.67	3.76	3.81	3.74	3.77	3.70
Standard Deviation	0.49	0.59	0.61	0.42	0.37	0.46	0.45	0.50
Temporal dimension								
Mean	5.33	5.14	5.39	5.38	5.44	5.32	5.37	5.32
Standard Deviation	1.14	1.28	1.23	1.09	0.97	1.12	1.12	1.10
Risk Perception index								
Mean	4.55	4.38	4.57	4.59	4.64	4.54	4.60	4.52
Standard Deviation	0.67	0.79	0.75	0.63	0.54	0.64	0.64	0.66

Notes: This table reports the weighted average and standard deviation for the three dependent variables. *Spatial dimension* is constructed as the average of seven discrete ordinal scales ranging from 1-4. The higher the measure, the greater the belief that climate change will have extensive harmful effects. *Temporal dimension* is an discrete ordinal scale of 1-6. The higher the scale, the greater the belief that climate change will have effects in the short term. *Risk Perception index* is the simple average of the *Temporal dimension* and the *Spatial Dimension*.

Table 2: Correlation matrix - Dependent variables

	Spatial dimension	Temporal dimension	Risk Perception index
Spatial dimension	1	.	.
Temporal dimension	0.40***	1	.
Risk Perception index	0.69***	0.94***	1

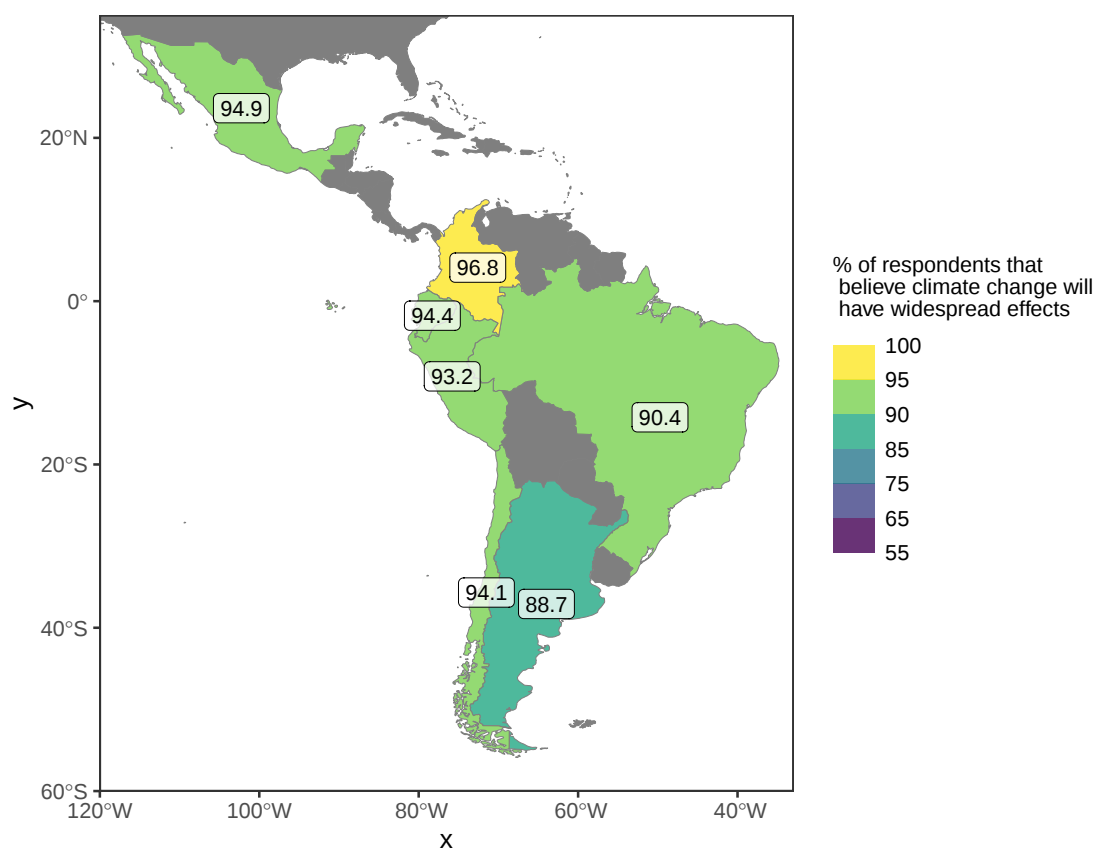
Notes: This table reports the Pearson correlation coefficients between all dependent variables. Signif. Codes: ***: 0.01, **: 0.05, *: 0.1.

Table 3: Internal Consistency

Variable	Cronbach Alpha [95% CI]
Spatial Dimension	0.91 [0.90 ; 0.91]

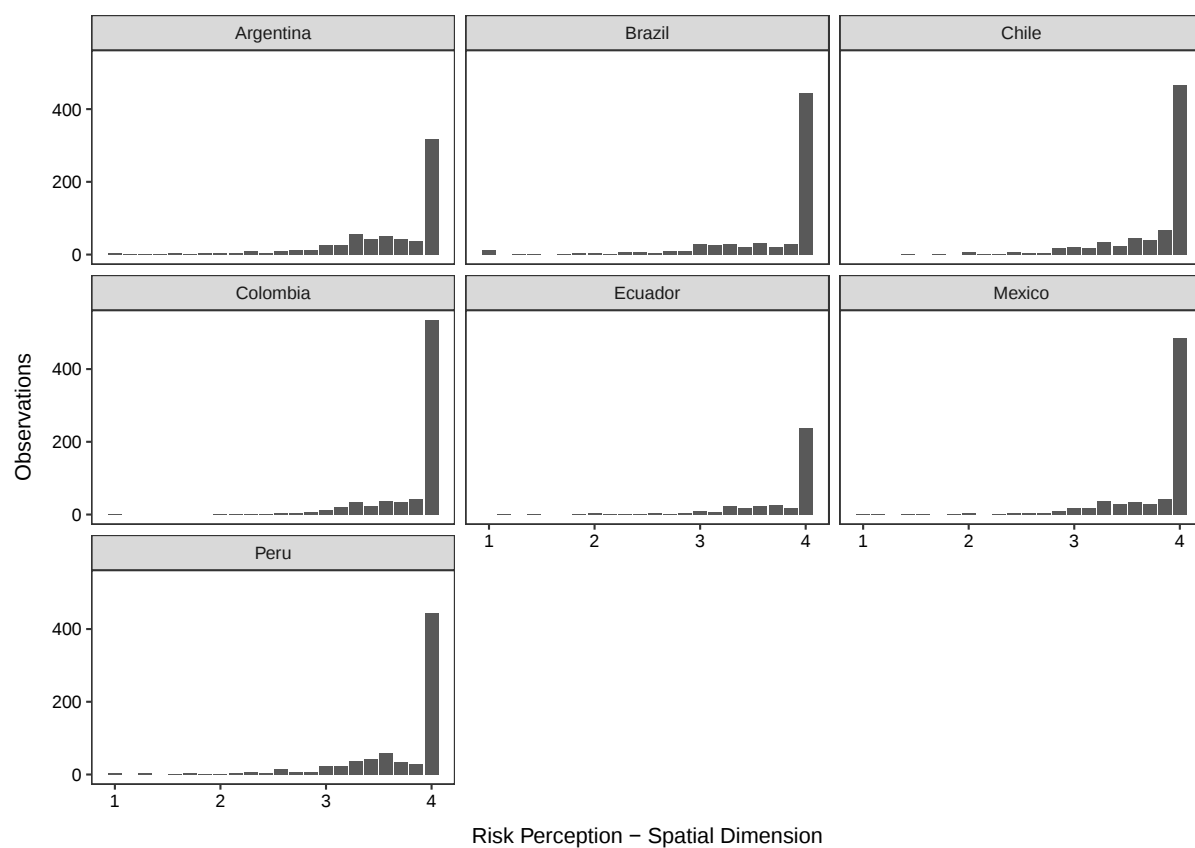
Notes: This table reports the raw Cronbach Alpha for *Spatial dimension* that was constructed as the average of seven discrete ordinal scales ranging from 1-4. We also present the respective 95% confidence interval.

Figure 1: Climate Risk Perception in Latin America - Spatial Dimension



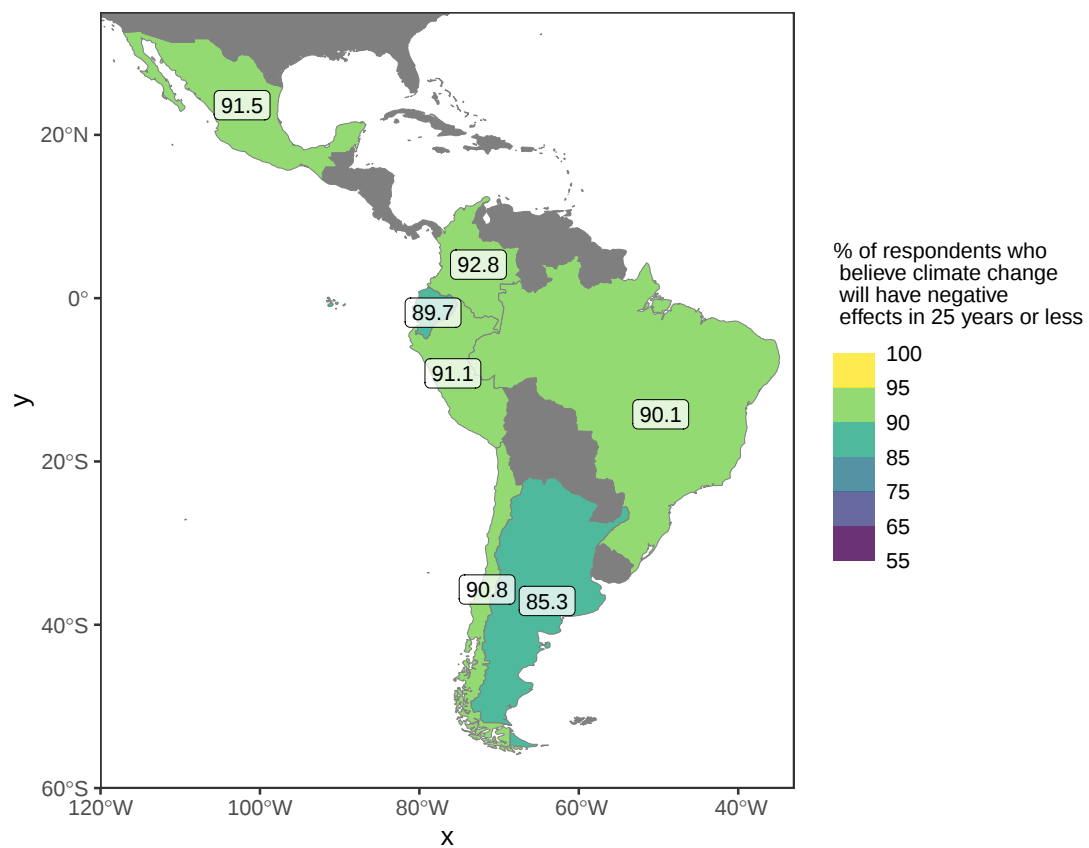
Notes: Spatial dimension is constructed as the average of seven discrete ordinal scales ranging from 1-4. The higher the measure, the greater the belief that climate change will have extensive harmful effects. The map illustrates the % of respondents in each country that have a *Spatial dimension* measure equal or higher than 3.

Figure 2: Climate Risk Perception in Latin America - Spatial Dimension - Distribution



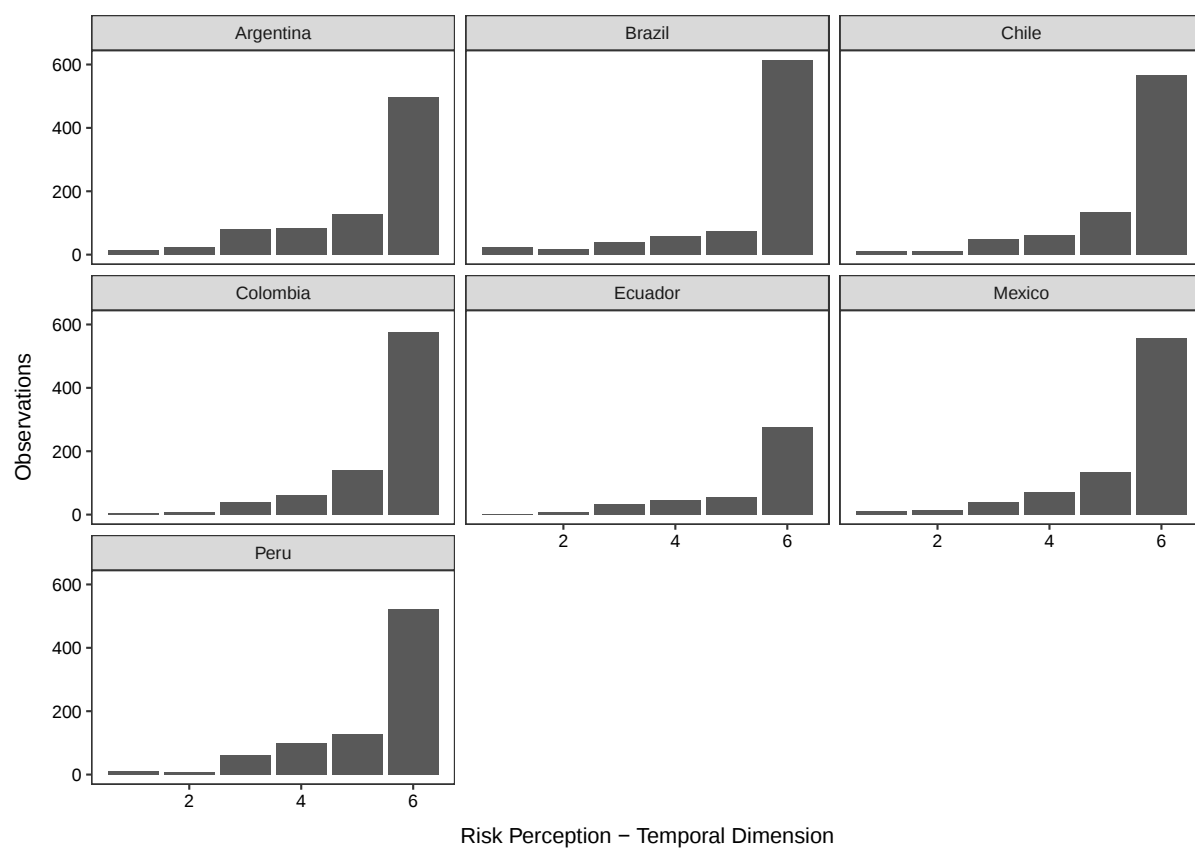
Notes: This plot presents the distribution of the *Spatial dimension* by country surveyed. *Spatial dimension* is constructed as the average of seven discrete ordinal scales ranging from 1-4. The higher the measure, the greater the belief that climate change will have extensive harmful effects.

Figure 3: Climate Risk Perception in Latin America - Temporal Dimension



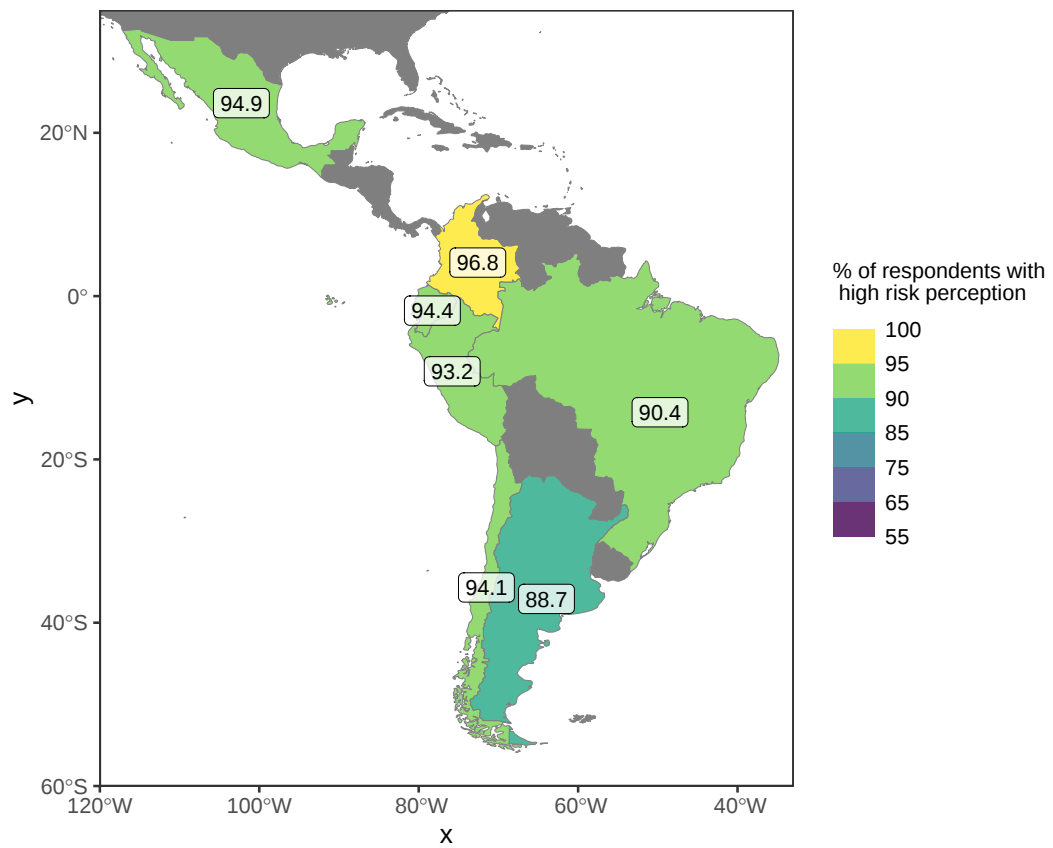
Notes: *Temporal dimension* is an discrete ordinal scale of 1-6. The higher the scale, the greater the belief that climate change will have effects in the short term. The map illustrates the % of respondents in each country that believe climate change will have negative effects on the population in 25 years or less.

Figure 4: Climate Risk Perception in Latin America - Temporal Dimension - Distribution



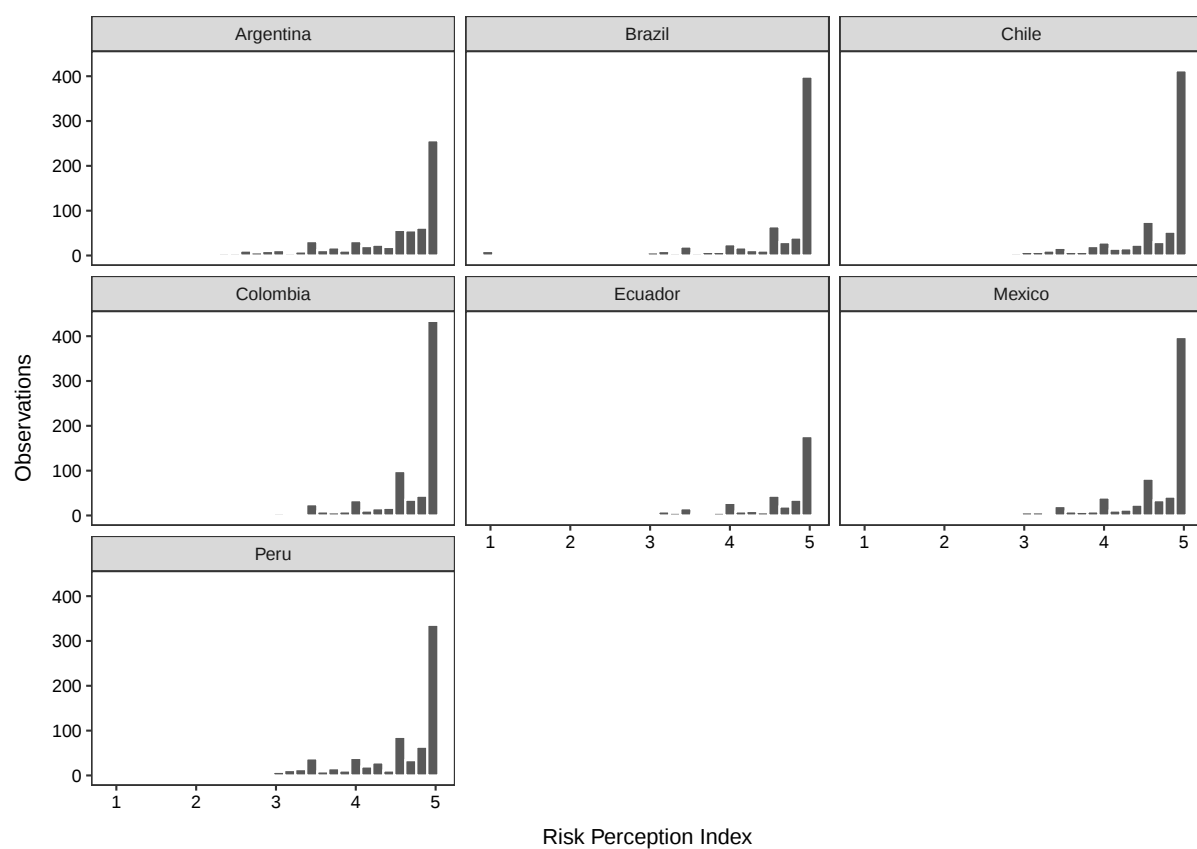
Notes: This plot presents the distribution of the *Temporal dimension* by country surveyed. *Temporal dimension* is an discrete ordinal scale of 1-6. The higher the scale, the greater the belief that climate change will have effects in the short term.

Figure 5: Climate Risk Perception Index in Latin America



Notes: Risk Perception index is the simple average of the Temporal dimension and the Spatial Dimension. The map illustrates the % of respondents in each country that have *Risk Perception index* equal or higher than 3.

Figure 6: Climate Risk Perception in Latin America Index - Distribution



Notes: This plot presents the distribution of the *Risk Perception index* by country surveyed. *Risk Perception index* is the simple average of the Temporal dimension and the Spatial dimension.

1.2 Independent Variables: Psychological

Table 4: Descriptive statistics - Psychological variables

	Argentina	Brazil	Chile	Colombia	Ecuador	Mexico	Peru
Subjective knowledge							
Nothing	3.95%	3.71%	1.82%	0.47%	0.73%	1.92%	1.12%
A little	22.65%	30.33%	20.65%	17.83%	16.64%	25.50%	15.30%
A moderate amount	65.13%	46.22%	65.37%	70.45%	66.85%	65.18%	70.04%
A lot	8.27%	19.74%	12.16%	11.25%	15.77%	7.40%	13.54%
Do not know	1.39%	1.94%	0.51%	0.93%	0.50%	1.17%	0.38%
Objective knowledge							
Mean	4.62	4.40	4.84	5.16	5.00	4.92	4.94
Human-caused knowledge							
Mean	54.15%	53.00%	55.87%	53.24%	55.64%	57.61%	49.44%
Worry							
Mean	3.55	3.44	3.70	3.81	3.67	3.67	3.71
Holistic affect							
Very bad	61.97%	56.61%	70.23%	71.86%	65.45%	60.33%	57.69%
Bad	13.01%	10.38%	11.77%	10.38%	12.88%	12.94%	15.41%
A little bad	6.19%	6.48%	4.77%	4.95%	5.32%	3.86%	6.42%
Neutral	6.01%	7.26%	5.57%	3.57%	3.15%	8.24%	6.19%
Little good	1.64%	2.46%	1.27%	1.82%	4.28%	2.05%	3.80%
Good	2.41%	3.89%	1.50%	2.11%	1.45%	3.38%	3.18%
Very good	8.78%	12.93%	4.88%	5.30%	7.46%	9.20%	7.30%
Personal experience (extreme weather events)							
Mean	79.65%	74.58%	83.82%	85.55%	79.95%	85.56%	83.21%
Perceived vulnerability to extreme events							
Mean	3.45	3.57	3.52	3.65	3.55	3.64	3.58
Individualism worldview							
Mean	2.61	2.61	2.55	2.47	2.50	2.54	2.56
Egalitarianism worldview							
Mean	3.21	3.42	3.29	3.26	3.19	3.20	3.13
The New Ecological Paradigm (NEP)							
Mean	3.59	3.51	3.64	3.64	3.65	3.58	3.56
Descriptive norm							
Mean	2.75	2.63	2.93	2.82	2.89	2.91	2.93
Prescriptive norm							
Mean	7.39	7.57	7.84	7.83	7.57	7.71	7.72

Notes: This table reports the weighted average and proportions for all psychological independent variables.

Table 5: Internal Consistency - Psychological variables

Variable	Cronbach Alpha [95% CI]
The New Ecological Paradigm (NEP)	0.53 [0.51 ; 0.55]
Individualism worldview	0.67 [0.65 ; 0.68]
Egalitarianism worldview	0.72 [0.71 ; 0.73]
Descriptive norm	0.86 [0.85 ; 0.87]
Prescriptive norm	0.76 [0.75 ; 0.77]

Notes: This table reports the raw Cronbach Alpha for five independent variables and their respective 95% confidence interval.

Table 6: Correlation matrix - Psychological variables

	Subjective knowledge	Objective knowledge	Human-caused knowledge	Worry	Holistic affect	Personal experience	Perceived vulnerability	Individualism worldview	Egalitarianism worldview	The New Ecological Paradigm	Descriptive norm	Prescriptive norm
Subjective knowledge	1	.	.	.	.	.	.	.	.	.	.	.
Objective knowledge	.07***	1	.	.	.	.	.	.	.	.	.	.
Human-caused knowledge	.08***	.15***	1	.	.	.	.	.	.	.	.	.
Worry	.20***	.23***	.18***	1	.	.	.	.	.	.	.	.
Holistic affect	-.04**	-.19***	-.14***	-.18***	1	.	.	.	.	.	.	.
Personal experience	.07***	.05**	.04*	.14***	-.05**	1	.	.	.	.	.	.
Perceived vulnerability	.02	.19***	.06***	.25***	-.13***	.05***	1	.	.	.	.	.
Individualism worldview	-.03	-.09***	-.06***	-.05**	.17***	-.03*	.06***	1	.	.	.	.
Egalitarianism worldview	.08***	.12***	.07***	.20***	-.07***	.04*	.25***	.14***	1	.	.	.
The New Ecological Paradigm	.10***	.23***	.11***	.29***	-.21***	.06***	.22***	.02	.21***	1	.	.
Descriptive norm	.12***	.05	-.001	.16***	.05**	.03	.16***	.17***	.20***	.12***	1	.
Prescriptive norm	.15***	.16***	.06***	.26***	-.11***	.07***	.27***	.09***	.32***	.26***	.58***	1

Notes: This table reports the pearson correlation coefficients between all psychological independent variables. Signif. Codes: ***: 0.01, **: 0.05, *: 0.1.

1.3 Independent Variables: Political ideology

Table 7: Descriptive statistics - Political ideology

	Argentina	Brazil	Chile	Colombia	Ecuador	Mexico	Peru
Political ideology: Left							
Mean	60.28%	55.55%	65.86%	73.07%	61.65%	66.29%	47.94%
Political ideology: Progressive							
Mean	38.40%	33.02%	33.11%	46.80%	37.79%	32.91%	29.19%

Notes: This table reports the weighted average and proportions for all independent variables.

1.4 Independent Variables: Socio-Demographic

1. **Age:** Age in years;
2. **Female:** Dummy for Female Respondent;
3. **Education:** 3-brackets schooling level;
4. **Income:** 6-brackets income level¹;
5. **Color:** 5-brackets color level;
6. **Religion:** 5-brackets religion levels ².

Table 8: Descriptive statistics - Socio-Demographic variables

	Argentina (N=830)	Brazil (N=830)	Chile (N=830)	Colombia (N=826)	Ecuador (N=421)	Mexico (N=824)	Peru (N=827)
Age							
Mean	42.3	41.0	42.8	39.9	39.0	37.0	41.2
Female							
Mean	51.00%	50.70%	51.10%	50.62%	50.44%	51.40%	49.90%
Education							
Elementary (Primary) or less	34.68%	43.01%	19.07%	42.32%	10.26%	55.78%	6.79%
High school or equivalent	28.99%	36.14%	49.58%	30.55%	54.74%	23.35%	46.81%
Undergraduate or more	36.33%	20.85%	31.35%	27.13%	35.00%	20.87%	46.41%
Income							
0 - 1 minimum wages	16.86%	28.25%	26.94%	30.70%	34.63%	20.94%	30.49%
1 - 2 minimum wages	17.70%	29.01%	26.15%	32.13%	23.49%	5.04%	22.66%
2 - 3 minimum wages	11.15%	14.57%	11.02%	11.54%	8.20%	3.56%	10.78%
3 - 5 minimum wages	13.36%	9.02%	11.13%	7.24%	10.12%	2.28%	11.44%
5 - 10 minimum wages	8.47%	4.89%	7.98%	1.69%	3.26%	2.10%	7.61%
10 minimum wages or more	6.93%	3.32%	2.06%	0.76%	1.18%	27.04%	4.98%
Do not know/ Prefer to not answer	25.53%	10.94%	14.72%	15.93%	19.12%	39.04%	12.04%
Color							
Black or <i>Pardo</i>	2.94%	53.00%	1.23%	5.76%	2.62%	2.24%	2.56%
Indigenous person	1.49%	1.63%	5.26%	2.90%	2.49%	7.01%	2.04%
Mestizo	24.27%	0.00%	32.03%	49.90%	79.38%	58.43%	69.61%
White	62.16%	43.00%	52.78%	34.24%	12.36%	21.44%	17.86%
Other	9.14%	2.36%	8.70%	7.20%	3.15%	10.88%	7.93%
Religion							
Atheist	10.20%	1.85%	7.95%	3.32%	3.13%	5.19%	5.50%
Catholic	51.56%	39.87%	44.47%	53.76%	56.49%	54.19%	60.23%
Evangelical Pentecostal or other evangelical	3.21%	17.86%	4.49%	3.87%	5.04%	3.32%	5.17%
Evangelical Traditional	9.68%	13.20%	11.26%	12.04%	10.91%	5.04%	11.09%
Others/No Relig.	25.35%	27.22%	31.83%	27.02%	24.43%	32.26%	18.00%

Notes: This table reports the weighted proportions for the socio-demographic characteristics of all observations per country. Age is a continuous variable. Thus, the mean represents the weighted average age of all observations per country.

¹Income levels are reported as minimum wages of each country analyzed.

²"Evangelical Pentecostal or others evangelical" includes "Evangelical Pentecostal" and "Evangelical Neo Pentecostal", while "Evangelical Traditional" includes "Evangelical" and "Evangelical Protestant"

Table 9: Brazil’s regions

Region	(Sample)	(2019 PNAD)
North	7.7%	7.4%
Northeast	25.2%	26.6%
Southeast	45.2%	43.8%
South	14.6%	14.9%
Center-West	7.3%	7.3%

Notes: This table reports the unweighted proportion of observations per region in Brazil compared to the 2019 National Household Sample Survey (PNAD).

Table 10: Sample vs. population distribution by education level and country

	Argentina		Brazil	
	(Sample)	(2010 Census)	(Sample)	(2019 PNAD)
Elementary (Primary) or less	33.61%	41.10%	43.98%	44.30%
High school or equivalent	28.80%	38.90%	35.66%	35.80%
Undergraduate or more	37.59%	20.00%	20.36%	19.90%
	Chile		Colombia	
	(Sample)	(2017 Census)	(Sample)	(2018 Census)
Elementary (Primary) or less	18.92%	23.90%	42.62%	43.00%
High school or equivalent	48.43%	47.20%	29.78%	29.70%
Undergraduate or more	32.65%	28.90%	27.60%	27.40%
	Ecuador		Mexico	
	(Sample)	(2010 Census)	(Sample)	(2020 Census)
Elementary (Primary) or less	10.69%	31.50%	53.88%	54.20%
High school or equivalent	52.02%	43.20%	22.82%	22.50%
Undergraduate or more	37.29%	25.30%	23.30%	23.20%
	Peru			
	(Sample)	(2017 Census)		
Elementary (Primary) or less	5.20%	25.80%		
High school or equivalent	48.13%	38.10%		
Undergraduate or more	46.67%	36.10%		

Notes: This table reports the unweighted proportions for the education level of all observations per country compared to the population. For Brazil, we used the 2019 National Household Sample Survey (PNAD); for the remaining countries, we relied on national censuses.

Table 11: Sample vs. population distribution by sex, age and country

Argentina					Brazil			
(Sample)		(2010 Census)			(Sample)		(2019 PNAD)	
Age	Male	Female	Male	Female	Male	Female	Male	Female
18-24	8.7%	8.4%	8.5%	8.5%	9.0%	8.8%	8.9%	8.9%
25-34	11.1%	11.0%	11.1%	11.3%	11.8%	12.5%	12.0%	12.4%
35-44	8.9%	9.4%	8.8%	9.2%	9.6%	10.2%	9.7%	10.3%
45-54	7.6%	7.8%	7.4%	7.9%	7.8%	8.7%	7.8%	8.5%
55+	12.0%	15.1%	12.0%	15.4%	9.6%	11.8%	9.7%	11.8%
Total	48.1%	51.9%	48.0%	52.0%	49.3%	50.7%	48.1%	51.9%
Chile					Colombia			
(Sample)		(2017 Census)			(Sample)		(2018 Census)	
Age	Male	Female	Male	Female	Male	Female	Male	Female
18-24	7.1%	7.0%	7.2%	7.0%	8.8%	8.7%	8.8%	8.6%
25-34	10.4%	10.8%	10.4%	10.4%	10.8%	11.0%	10.9%	11.1%
35-44	8.8%	9.4%	8.9%	9.2%	9.0%	9.8%	9.0%	9.7%
45-54	8.6%	9.0%	8.5%	9.1%	7.6%	8.8%	7.7%	8.7%
55+	13.0%	15.9%	13.2%	16.0%	11.6%	13.8%	11.6%	13.9%
Total	47.8%	52.2%	48.3%	51.7%	48.0%	52.0%	48.0%	52.0%
Ecuador					Mexico			
(Sample)		(2010 Census)			(Sample)		(2020 Census)	
Age	Male	Female	Male	Female	Male	Female	Male	Female
18-24	10.2%	10.2%	10.1%	10.2%	8.4%	8.7%	8.4%	8.5%
25-34	12.1%	12.8%	12.2%	12.8%	10.7%	11.4%	10.7%	11.5%
35-44	9.3%	10.0%	9.4%	9.9%	9.6%	10.3%	9.6%	10.4%
45-54	7.4%	7.8%	7.3%	7.6%	8.1%	9.0%	8.2%	9.0%
55+	10.0%	10.2%	9.9%	10.6%	11.0%	12.7%	11.1%	12.7%
Total	48.0%	52.0%	48.8%	51.2%	48.0%	52.0%	48.0%	52.0%
Peru								
(Sample)		(2017 Census)						
Age	Male	Female	Male	Female				
18-24	8.5%	8.6%	8.5%	8.7%				
25-34	11.1%	11.6%	11.2%	11.8%				
35-44	9.7%	10.4%	9.8%	10.4%				
45-54	7.6%	8.2%	7.7%	8.2%				
55+	11.6%	12.5%	11.3%	12.4%				
Total	48.0%	52.0%	48.5%	51.5%				

Notes: This table reports the unweighted proportions for sex and age of all observations per country compared to the population. For Brazil, we used the 2019 National Household Sample Survey (PNAD); for the remaining countries, we relied on national censuses.

2 Regression Models

Table 12: OLS Results - Correlates of Risk Perception (Spatial Dimension)

	Dependent Variable: Spatial Dimension							
	Argentina (i)	Brazil (ii)	Chile (iii)	Colombia (iv)	Ecuador (v)	Mexico (vi)	Peru (vii)	Overall (viii)
<i>Psychological variables</i>								
Subjective knowledge	0.012 (0.049)	-0.074* (0.040)	-0.023 (0.029)	-0.022 (0.032)	0.069 (0.060)	0.027 (0.036)	0.018 (0.044)	0.0004 (0.017)
Objective knowledge	0.038 (0.067)	0.116** (0.049)	0.044 (0.031)	0.055 (0.041)	0.068 (0.062)	0.066* (0.037)	0.080** (0.034)	0.071*** (0.019)
Human-caused knowledge	0.026 (0.065)	0.071 (0.056)	0.018 (0.034)	0.067* (0.038)	-0.010 (0.073)	0.100*** (0.036)	0.063 (0.041)	0.046** (0.018)
Worry	0.433*** (0.072)	0.339*** (0.059)	0.319*** (0.053)	0.427*** (0.071)	0.328*** (0.065)	0.154*** (0.050)	0.417*** (0.055)	0.338*** (0.028)
Holistic affect	-0.010 (0.026)	-0.035** (0.016)	-0.030** (0.014)	-0.040** (0.020)	-0.028 (0.023)	-0.012 (0.009)	-0.005 (0.014)	-0.025*** (0.006)
Personal experience (extreme weather events)	0.149 (0.109)	0.127 (0.105)	0.077 (0.071)	0.011 (0.056)	0.044 (0.093)	0.216** (0.085)	0.056 (0.075)	0.089*** (0.034)
Perceived vulnerability to extreme events	0.122* (0.070)	0.073 (0.060)	0.136*** (0.043)	0.087* (0.050)	0.132 (0.080)	0.218*** (0.044)	0.106** (0.046)	0.138*** (0.022)
Individualism worldview	-0.011 (0.042)	-0.034 (0.038)	0.022 (0.026)	0.010 (0.027)	-0.037 (0.042)	0.013 (0.029)	-0.033 (0.032)	-0.017 (0.013)
Egalitarianism worldview	-0.0002 (0.048)	0.019 (0.056)	0.017 (0.035)	0.035 (0.028)	0.002 (0.046)	0.016 (0.033)	-0.010 (0.029)	0.013 (0.014)
The New Ecological Paradigm (NEP)	0.087 (0.081)	0.155** (0.068)	0.139*** (0.040)	0.006 (0.038)	0.090 (0.075)	0.037 (0.035)	0.050 (0.045)	0.071*** (0.023)
Descriptive norm	-0.055 (0.048)	-0.037 (0.032)	-0.005 (0.029)	0.022 (0.027)	0.033 (0.056)	-0.032 (0.029)	0.105** (0.049)	-0.002 (0.015)
Prescriptive norm	0.041 (0.029)	-0.011 (0.022)	0.019 (0.015)	-0.008 (0.015)	-0.013 (0.035)	0.022 (0.015)	-0.028 (0.021)	0.004 (0.008)
<i>Political ideology and Socio-Demographic variables</i>								
Political ideology: Left	-0.030 (0.070)	0.011 (0.056)	-0.098** (0.041)	-0.048 (0.042)	0.057 (0.064)	0.042 (0.036)	0.035 (0.040)	0.013 (0.019)
Political ideology: Progressive	-0.094 (0.067)	-0.089 (0.060)	0.037 (0.039)	-0.024 (0.039)	-0.050 (0.061)	-0.004 (0.034)	0.007 (0.043)	-0.030 (0.020)
Female	0.196** (0.078)	0.074 (0.062)	-0.005 (0.037)	0.026 (0.034)	0.087 (0.071)	0.023 (0.034)	0.019 (0.050)	0.046** (0.019)
Education: High school or equivalent	0.037 (0.117)	0.056 (0.063)	0.107* (0.062)	0.066* (0.037)	0.159 (0.111)	0.007 (0.048)	0.015 (0.169)	0.045* (0.025)
Education: Undergraduate or more	0.232** (0.097)	-0.011 (0.079)	0.033 (0.070)	0.049 (0.046)	0.235** (0.119)	-0.0001 (0.044)	0.016 (0.169)	0.026 (0.025)
Religion: Catholic	0.021 (0.091)	-0.093 (0.104)	-0.072 (0.061)	-0.056 (0.083)	-0.141 (0.118)	0.017 (0.087)	-0.051 (0.068)	-0.0007 (0.032)
Religion: Evangelical Pentecostal or other evangelical	0.139 (0.230)	-0.145 (0.126)	0.067 (0.106)	-0.373** (0.155)	-0.550** (0.231)	0.174* (0.101)	0.170 (0.140)	0.010 (0.062)
Religion: Evangelical Traditional	-0.008 (0.130)	-0.138 (0.124)	0.047 (0.076)	-0.030 (0.096)	-0.184 (0.148)	-0.006 (0.109)	-0.044 (0.100)	-0.006 (0.043)
Religion: Others/No Relig.	-0.068 (0.099)	-0.106 (0.114)	-0.071 (0.060)	0.043 (0.083)	-0.235* (0.136)	0.019 (0.088)	-0.040 (0.089)	-0.011 (0.035)
Income: 1 - 2 minimum wages	0.102 (0.122)	0.034 (0.076)	0.098* (0.051)	-0.033 (0.040)	-0.083 (0.097)	0.058 (0.065)	-0.014 (0.062)	0.023 (0.027)
Income: 2 - 3 minimum wages	0.017 (0.122)	0.037 (0.077)	-0.025 (0.061)	-0.035 (0.061)	-0.014 (0.091)	0.078 (0.082)	-0.023 (0.077)	0.009 (0.030)
Income: 3 - 5 minimum wages	-0.027 (0.134)	0.007 (0.108)	0.049 (0.065)	-0.150 (0.095)	-0.074 (0.102)	0.123 (0.105)	-0.035 (0.083)	-0.025 (0.036)
Income: 5 - 10 minimum wages	-0.175 (0.144)	0.133 (0.103)	0.015 (0.074)	0.068 (0.105)	-0.173 (0.141)	0.046 (0.066)	-0.026 (0.080)	-0.031 (0.039)
Income: 10 minimum wages or more	-0.115 (0.137)	0.015 (0.145)	-0.011 (0.118)	-0.177* (0.099)	-0.534 (0.324)	0.009 (0.049)	-0.081 (0.091)	-0.067* (0.040)
Income: Do not know/ Prefer to not answer	0.013 (0.145)	0.053 (0.092)	0.033 (0.082)	0.020 (0.057)	0.008 (0.107)	0.080 (0.049)	-0.051 (0.083)	0.039 (0.033)
Age (Years)	0.001 (0.002)	0.0008 (0.002)	0.0003 (0.001)	0.002** (0.001)	0.002 (0.002)	0.0005 (0.001)	0.0007 (0.001)	0.001* (0.0006)
Race: Black	0.325 (0.225)	-0.049 (0.093)	0.145 (0.172)	0.025 (0.080)	-0.149 (0.127)	-0.399 (0.290)	0.073 (0.112)	-0.013 (0.051)
Const	0.624 (0.470)	1.71*** (0.317)	1.22*** (0.258)	1.57*** (0.360)	1.31*** (0.465)	1.49*** (0.279)	1.27*** (0.335)	1.33*** (0.133)
<i>Fit statistics</i>								
Observations	283	359	379	336	224	413	480	2,474
R ²	0.39122	0.41643	0.51066	0.47173	0.44228	0.33736	0.38360	0.35709
Adjusted R ²	0.32144	0.36500	0.47000	0.42166	0.35891	0.28718	0.34387	0.34946

Notes: Results from ordinary least squares models regressing *Spatial dimension* on a set of independent variables and socio-demographic characteristics. Columns labeled with country names are models for each separate country, while column "Overall" includes all observations. Coefficients are increases in the *Spatial dimension* measure (1-4) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have extensive harmful effects. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is "Elementary (Primary) or less", Religion is "Atheist" and Income is "0 - 1 minimum wages". Signif. Codes: ***, 0.01, **, 0.05, *, 0.1.

Table 13: OLS Results - Correlates of Risk Perception (Temporal Dimension)

	Dependent Variable: Temporal Dimension							
	Argentina (i)	Brazil (ii)	Chile (iii)	Colombia (iv)	Ecuador (v)	Mexico (vi)	Peru (vii)	Overall (viii)
<i>Psychological variables</i>								
Subjective knowledge	0.003 (0.132)	0.167** (0.079)	0.108 (0.089)	0.087 (0.095)	0.225 (0.138)	0.033 (0.092)	0.051 (0.087)	0.109*** (0.038)
Objective knowledge	0.137 (0.134)	0.091 (0.079)	0.136 (0.100)	-0.027 (0.093)	0.055 (0.129)	0.163 (0.104)	0.253*** (0.081)	0.109*** (0.040)
Human-caused knowledge	0.100 (0.140)	0.140 (0.116)	0.125 (0.100)	0.009 (0.104)	-0.093 (0.158)	0.146 (0.106)	0.068 (0.098)	0.075* (0.044)
Worry	0.603*** (0.174)	0.326** (0.130)	0.045 (0.124)	0.516*** (0.177)	0.165 (0.141)	0.258* (0.134)	0.239* (0.138)	0.307*** (0.057)
Holistic affect	-0.007 (0.049)	-0.018 (0.029)	-0.094** (0.042)	-0.022 (0.038)	-0.087 (0.057)	0.018 (0.027)	0.029 (0.031)	-0.022 (0.015)
Personal experience (extreme weather events)	0.020 (0.198)	0.289 (0.214)	0.376* (0.216)	0.243 (0.225)	-0.115 (0.170)	0.114 (0.170)	0.322* (0.170)	0.135* (0.072)
Perceived vulnerability to extreme events	0.106 (0.130)	-0.105 (0.102)	0.228** (0.107)	0.310** (0.154)	0.595*** (0.160)	0.137 (0.129)	0.039 (0.101)	0.189*** (0.049)
Individualism worldview	-0.016 (0.098)	-0.061 (0.079)	-0.085 (0.086)	-0.094 (0.094)	-0.126 (0.121)	0.117 (0.083)	-0.058 (0.072)	-0.064* (0.035)
Egalitarianism worldview	0.037 (0.128)	0.129 (0.108)	0.020 (0.094)	0.176* (0.095)	0.156 (0.129)	-0.197** (0.086)	-0.060 (0.076)	0.050 (0.038)
The New Ecological Paradigm (NEP)	-0.102 (0.177)	0.554*** (0.136)	0.264** (0.112)	0.207* (0.119)	-0.138 (0.156)	0.156 (0.122)	0.104 (0.094)	0.126** (0.051)
Descriptive norm	-0.017 (0.122)	-0.089 (0.070)	-0.135 (0.087)	-0.137 (0.087)	0.070 (0.149)	0.013 (0.087)	0.086 (0.085)	-0.036 (0.036)
Prescriptive norm	0.024 (0.066)	-0.091** (0.044)	0.084* (0.045)	0.073 (0.051)	-0.055 (0.070)	0.047 (0.048)	0.002 (0.044)	0.019 (0.019)
<i>Political ideology and Socio-Demographic variables</i>								
Political ideology: Left	-0.006 (0.147)	-0.036 (0.127)	-0.171 (0.127)	-0.093 (0.119)	0.015 (0.156)	0.178* (0.107)	0.096 (0.098)	0.010 (0.047)
Political ideology: Progressive	-0.007 (0.144)	0.020 (0.109)	0.156 (0.111)	-0.011 (0.113)	-0.108 (0.148)	0.090 (0.105)	0.106 (0.094)	0.025 (0.046)
Female	0.298* (0.164)	0.191 (0.133)	-0.005 (0.107)	0.098 (0.095)	0.207 (0.159)	0.359*** (0.111)	-0.042 (0.109)	0.147*** (0.046)
Education: High school or equivalent	0.035 (0.217)	0.004 (0.137)	-0.370*** (0.138)	0.004 (0.139)	0.368 (0.310)	0.187 (0.123)	0.185 (0.245)	0.029 (0.059)
Education: Undergraduate or more	-0.061 (0.208)	-0.252 (0.160)	-0.386** (0.161)	0.027 (0.124)	0.329 (0.320)	0.058 (0.149)	0.056 (0.257)	-0.007 (0.063)
Religion: Catholic	-0.082 (0.235)	-0.093 (0.299)	0.238 (0.196)	-0.151 (0.204)	-0.299 (0.483)	0.192 (0.339)	-0.124 (0.238)	-0.034 (0.111)
Religion: Evangelical Pentecostal or other evangelical	-0.551 (0.379)	-0.409 (0.348)	0.432 (0.267)	0.071 (0.335)	0.056 (0.583)	0.575 (0.378)	-0.278 (0.328)	0.012 (0.144)
Religion: Evangelical Traditional	-0.051 (0.268)	-0.281 (0.331)	0.262 (0.265)	-0.145 (0.254)	-0.114 (0.536)	0.238 (0.377)	-0.121 (0.287)	-0.034 (0.131)
Religion: Others/No Relig.	-0.084 (0.238)	-0.286 (0.310)	0.081 (0.210)	-0.218 (0.218)	0.076 (0.493)	0.245 (0.342)	-0.171 (0.265)	-0.037 (0.114)
Income: 1 - 2 minimum wages	-0.012 (0.276)	0.028 (0.140)	-0.187 (0.166)	0.021 (0.140)	-0.334 (0.231)	0.349 (0.232)	-0.226 (0.155)	-0.136** (0.069)
Income: 2 - 3 minimum wages	0.274 (0.248)	0.022 (0.158)	-0.160 (0.159)	-0.293* (0.172)	0.091 (0.242)	0.301 (0.232)	-0.245 (0.187)	-0.072 (0.072)
Income: 3 - 5 minimum wages	0.368 (0.256)	-0.028 (0.270)	0.046 (0.178)	0.117 (0.180)	-0.530** (0.251)	-0.405 (0.353)	-0.325 (0.205)	-0.086 (0.079)
Income: 5 - 10 minimum wages	-0.111 (0.304)	0.146 (0.217)	-0.037 (0.200)	-0.330 (0.385)	-0.549 (0.337)	0.312 (0.222)	-0.119 (0.194)	-0.133 (0.092)
Income: 10 minimum wages or more	0.064 (0.305)	0.076 (0.239)	0.353* (0.208)	0.545* (0.306)	-0.617 (0.391)	-0.016 (0.142)	-0.207 (0.216)	-0.162* (0.084)
Income: Do not know/ Prefer to not answer	0.371 (0.274)	0.088 (0.221)	-0.288 (0.229)	0.310* (0.168)	0.326 (0.221)	0.206 (0.143)	-0.302 (0.204)	0.069 (0.074)
Age (Years)	0.006 (0.004)	0.003 (0.003)	0.004 (0.004)	-0.001 (0.003)	0.018*** (0.005)	0.005 (0.004)	0.010*** (0.003)	0.006*** (0.001)
Race: Black	-0.314 (0.704)	0.259 (0.173)	0.277 (0.221)	-0.439* (0.239)	-0.085 (0.416)	-0.042 (0.473)	0.163 (0.245)	0.016 (0.123)
Const	1.93** (0.897)	2.37*** (0.677)	2.43*** (0.716)	0.916 (0.834)	1.64 (1.18)	1.70** (0.778)	2.54*** (0.648)	2.03*** (0.310)
<i>Fit statistics</i>								
Observations	300	379	390	346	231	436	501	2,583
R ²	0.19909	0.26144	0.26280	0.25065	0.31217	0.16307	0.15900	0.14230
Adjusted R ²	0.11307	0.20007	0.20342	0.18188	0.21294	0.10328	0.10722	0.13256

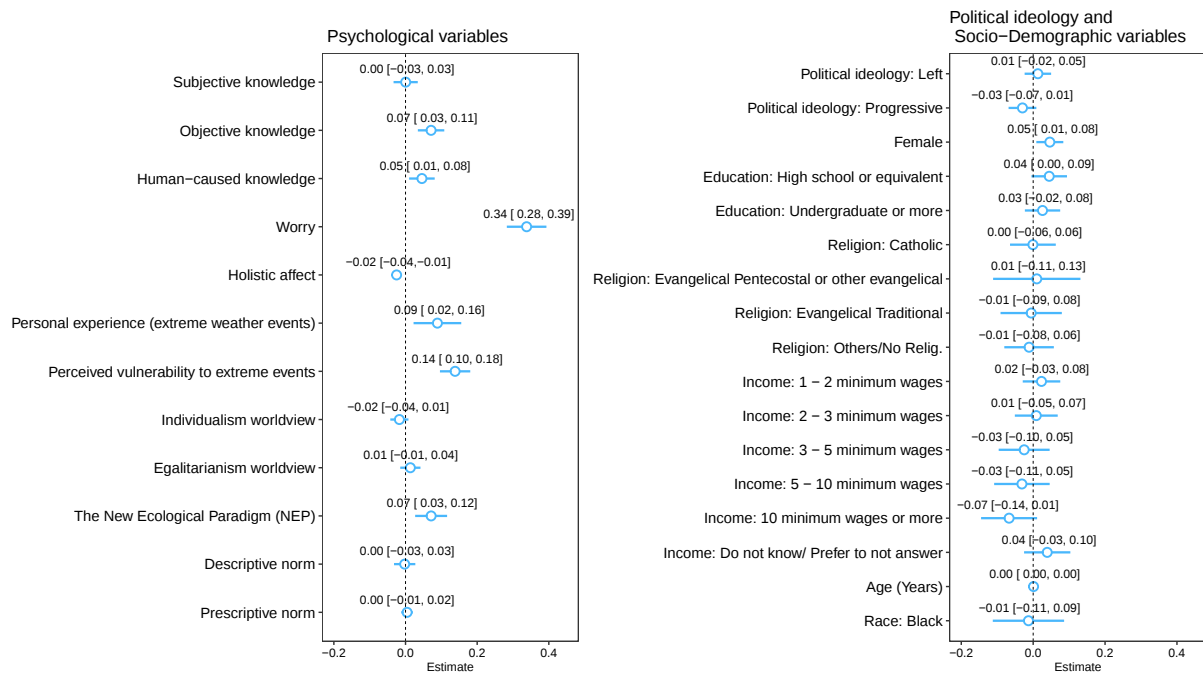
Notes: Results from ordinary least squares models regressing *Temporal dimension* on a set of independent variables and socio-demographic characteristics. Columns labeled with country names are models for each separate country, while column “Overall” includes all observations. Coefficients are increases in the *Temporal dimension* ordinal scale (1-6) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have effects in the short term. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”. Signif. Codes: ***: 0.01, **: 0.05, *: 0.1.

Table 14: OLS Results - Correlates of Risk Perception

	Dependent Variable: Risk Perception							
	Argentina (i)	Brazil (ii)	Chile (iii)	Colombia (iv)	Ecuador (v)	Mexico (vi)	Peru (vii)	Overall (viii)
<i>Psychological variables</i>								
Subjective knowledge	0.052 (0.077)	0.036 (0.052)	0.032 (0.052)	0.010 (0.051)	0.124 (0.077)	0.023 (0.054)	0.056 (0.054)	0.052** (0.023)
Objective knowledge	0.105 (0.095)	0.086* (0.049)	0.090 (0.055)	0.023 (0.055)	0.079 (0.079)	0.097* (0.058)	0.162*** (0.048)	0.092*** (0.024)
Human-caused knowledge	0.048 (0.085)	0.099 (0.073)	0.063 (0.056)	0.038 (0.056)	-0.056 (0.056)	0.128** (0.059)	0.069 (0.058)	0.053** (0.025)
Worry	0.519*** (0.109)	0.371*** (0.085)	0.195** (0.076)	0.488*** (0.105)	0.260*** (0.083)	0.182** (0.079)	0.328*** (0.080)	0.334*** (0.036)
Holistic affect	-0.0003 (0.029)	-0.028 (0.020)	-0.064*** (0.024)	-0.040* (0.021)	-0.055* (0.033)	0.003 (0.015)	0.011 (0.018)	-0.024*** (0.009)
Personal experience (extreme weather events)	0.056 (0.122)	0.201 (0.143)	0.163 (0.113)	0.076 (0.111)	-0.018 (0.089)	0.161 (0.100)	0.165 (0.111)	0.089** (0.042)
Perceived vulnerability to extreme events	0.095 (0.084)	0.008 (0.070)	0.190*** (0.066)	0.176** (0.089)	0.340*** (0.093)	0.197*** (0.072)	0.067 (0.062)	0.163*** (0.030)
Individualism worldview	-0.004 (0.061)	-0.052 (0.050)	-0.006 (0.044)	-0.007 (0.047)	-0.081 (0.066)	0.054 (0.048)	-0.042 (0.044)	-0.034* (0.020)
Egalitarianism worldview	0.019 (0.075)	0.055 (0.070)	0.018 (0.052)	0.096* (0.052)	0.045 (0.074)	-0.070 (0.051)	-0.034 (0.044)	0.028 (0.022)
The New Ecological Paradigm (NEP)	0.040 (0.109)	0.336*** (0.094)	0.192*** (0.067)	0.089 (0.062)	-0.036 (0.094)	0.067 (0.066)	0.082 (0.057)	0.091*** (0.031)
Descriptive norm	-0.037 (0.071)	-0.053 (0.044)	-0.071 (0.049)	-0.034 (0.046)	0.040 (0.078)	-0.042 (0.041)	0.100** (0.050)	-0.022 (0.021)
Prescriptive norm	0.029 (0.039)	-0.063** (0.027)	0.046* (0.024)	0.028 (0.026)	-0.025 (0.040)	0.041 (0.026)	-0.014 (0.027)	0.011 (0.011)
<i>Political ideology and Socio-Demographic variables</i>								
Political ideology: Left	-0.019 (0.092)	0.009 (0.080)	-0.118* (0.068)	-0.045 (0.063)	0.029 (0.087)	0.096 (0.059)	0.064 (0.058)	0.019 (0.027)
Political ideology: Progressive	-0.058 (0.084)	-0.059 (0.070)	0.086 (0.062)	-0.038 (0.058)	-0.065 (0.082)	0.046 (0.055)	0.068 (0.057)	-0.005 (0.027)
Female	0.296*** (0.105)	0.133 (0.082)	0.002 (0.060)	0.086* (0.048)	0.135 (0.089)	0.190*** (0.060)	-0.005 (0.071)	0.106*** (0.027)
Education: High school or equivalent	0.039 (0.141)	0.044 (0.083)	-0.110 (0.076)	0.030 (0.074)	0.281* (0.169)	0.056 (0.073)	0.098 (0.151)	0.039 (0.034)
Education: Undergraduate or more	0.108 (0.130)	-0.150 (0.099)	-0.136 (0.093)	0.035 (0.071)	0.300* (0.180)	0.057 (0.080)	0.023 (0.154)	0.014 (0.036)
Religion: Catholic	-0.016 (0.134)	-0.088 (0.176)	0.064 (0.104)	-0.086 (0.116)	-0.206 (0.285)	0.130 (0.186)	-0.082 (0.142)	-0.006 (0.060)
Religion: Evangelical Pentecostal or other evangelical	-0.190 (0.211)	-0.270 (0.207)	0.252* (0.147)	-0.148 (0.182)	-0.179 (0.331)	0.362* (0.208)	-0.056 (0.206)	0.037 (0.083)
Religion: Evangelical Traditional	0.0009 (0.160)	-0.229 (0.201)	0.217 (0.140)	-0.046 (0.140)	-0.144 (0.311)	0.154 (0.209)	-0.051 (0.168)	0.012 (0.072)
Religion: Others/No Relig.	-0.057 (0.141)	-0.201 (0.187)	0.011 (0.112)	-0.070 (0.120)	-0.073 (0.295)	0.185 (0.187)	-0.102 (0.164)	-0.003 (0.062)
Income: 1 - 2 minimum wages	0.086 (0.163)	0.041 (0.094)	-0.010 (0.086)	0.024 (0.074)	-0.219* (0.128)	0.226* (0.125)	-0.109 (0.095)	-0.039 (0.039)
Income: 2 - 3 minimum wages	0.177 (0.153)	0.044 (0.105)	-0.082 (0.090)	-0.136 (0.093)	0.043 (0.129)	0.158 (0.115)	-0.121 (0.105)	-0.018 (0.042)
Income: 3 - 5 minimum wages	0.203 (0.161)	-0.039 (0.149)	0.063 (0.103)	-0.003 (0.102)	-0.217* (0.129)	-0.193 (0.219)	-0.174 (0.127)	-0.035 (0.046)
Income: 5 - 10 minimum wages	-0.139 (0.183)	0.164 (0.138)	-0.004 (0.118)	-0.091 (0.188)	-0.372** (0.177)	0.156 (0.113)	-0.079 (0.117)	-0.077 (0.054)
Income: 10 minimum wages or more	0.020 (0.185)	0.102 (0.165)	0.186 (0.120)	0.190 (0.143)	-0.575** (0.291)	0.0010 (0.079)	-0.121 (0.127)	-0.083 (0.051)
Income: Do not know/ Prefer to not answer	0.230 (0.180)	0.157 (0.131)	-0.138 (0.133)	0.163* (0.097)	0.124 (0.135)	0.122 (0.075)	-0.161 (0.114)	0.062 (0.044)
Age (Years)	0.002 (0.002)	0.002 (0.002)	0.003* (0.002)	0.0003 (0.002)	0.010*** (0.003)	0.002 (0.002)	0.006*** (0.002)	0.004*** (0.0008)
Race: Black	0.021 (0.451)	0.140 (0.119)	0.237* (0.127)	-0.241* (0.129)	-0.183 (0.253)	-0.237 (0.257)	0.146 (0.159)	-0.009 (0.073)
Const	0.979 (0.607)	2.10*** (0.419)	1.77*** (0.410)	1.31** (0.512)	1.63*** (0.703)	1.83*** (0.451)	1.83*** (0.419)	1.68*** (0.188)
<i>Fit statistics</i>								
Observations	283	359	379	336	224	413	480	2,474
R ²	0.33527	0.37918	0.39466	0.38021	0.40666	0.24144	0.28136	0.26734
Adjusted R ²	0.25908	0.32446	0.34435	0.32147	0.31797	0.18401	0.23505	0.25865

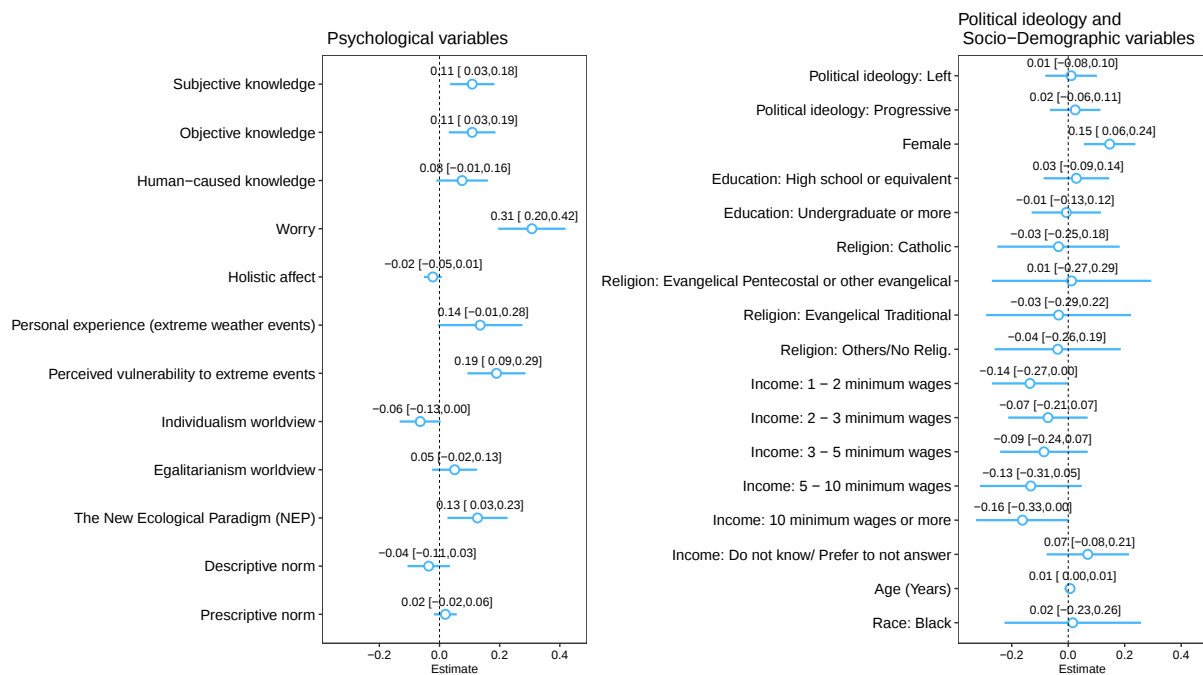
Notes: Results from ordinary least squares models regressing *Risk Perception index* on a set of independent variables and socio-demographic characteristics. Columns labeled with country names are models for each separate country, while column “Overall” includes all observations. Coefficients are increases in the *Risk Perception index* given a unit increase in the covariates. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”. Signif. Codes: ***: 0.01, **: 0.05, *: 0.1.

Figure 7: OLS Results - Correlates of Risk Perception (Spatial Dimension) in Latin America



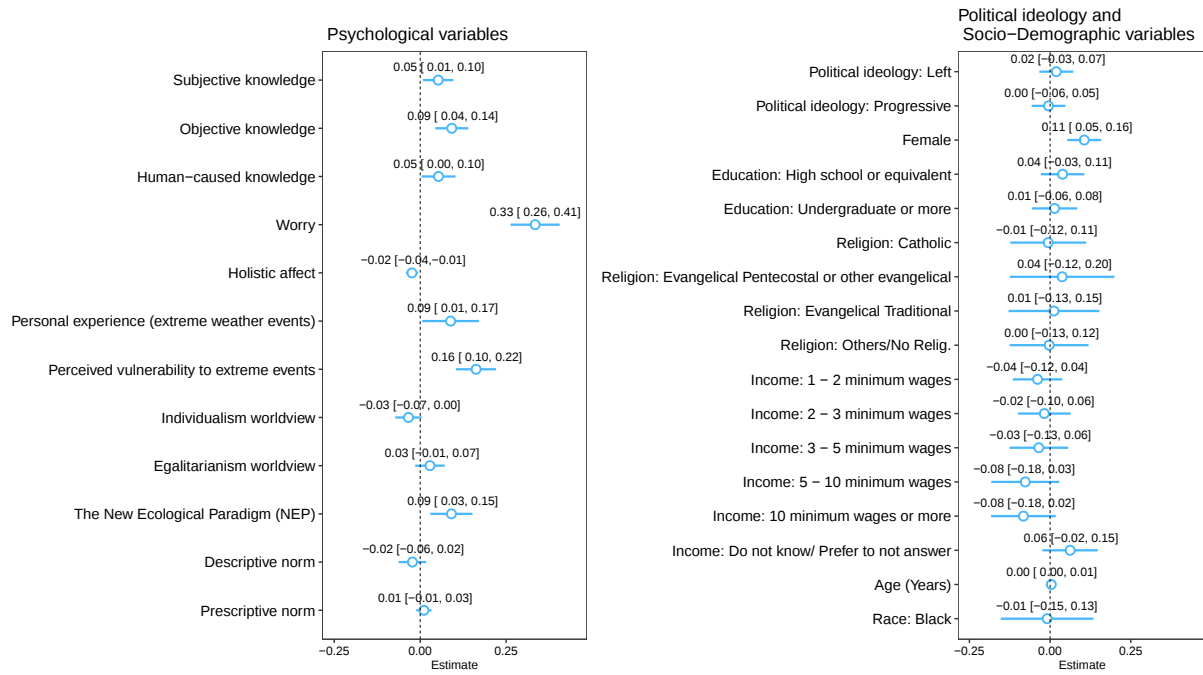
Notes: Results from an ordinary least squares model regressing *Spatial dimension* on a set of independent variables (left) and socio-demographic characteristics (right). Respondents from all countries are included in the model. Coefficients are increases in the *Spatial dimension* measure (1-4) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have extensive harmful effects. The width of the confidence intervals for each coefficient is 95% with heteroskedasticity-robust standard errors. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”.

Figure 8: OLS Results - Correlates of Risk Perception (Temporal Dimension) in Latin America



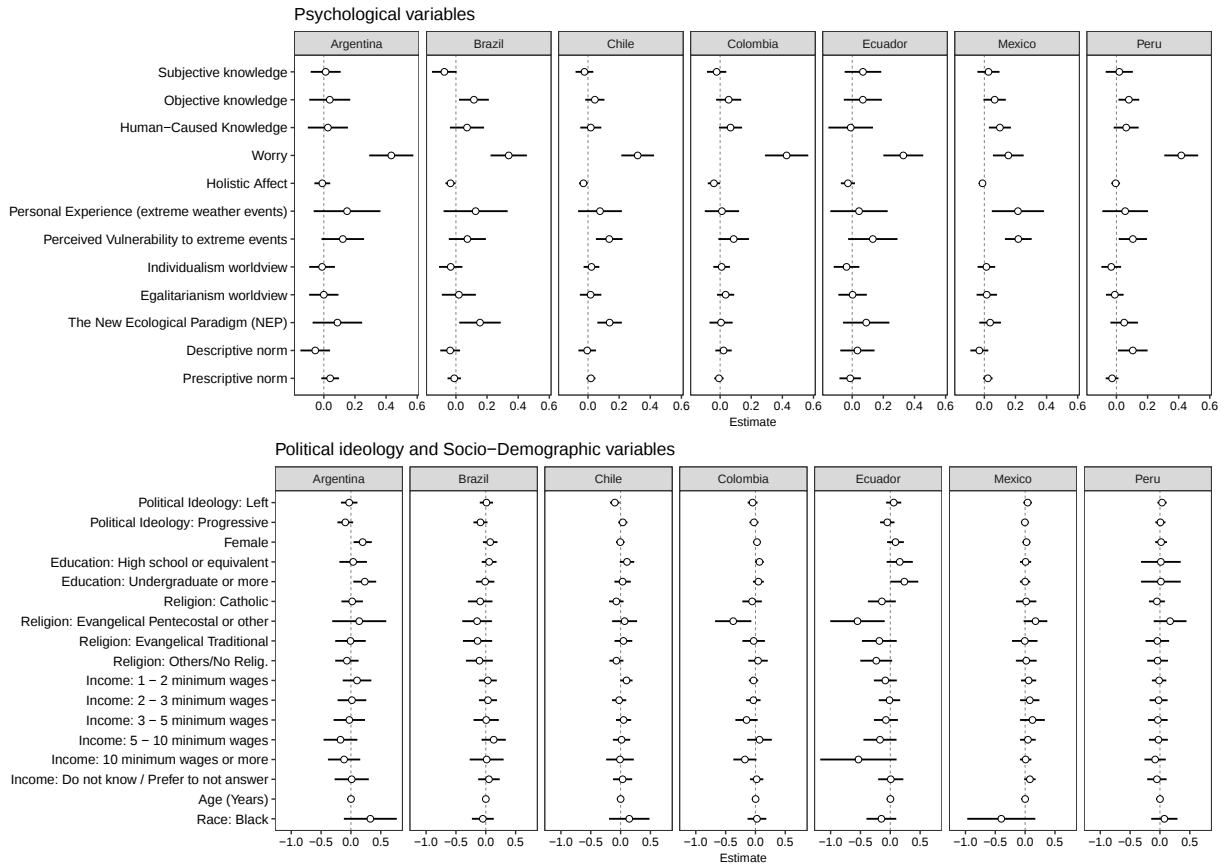
Notes: Results from ordinary least squares models regressing *Temporal dimension* on a set of independent variables (left) and socio-demographic characteristics (right). Respondents from all countries are included in the model. Coefficients are increases in the *Temporal dimension* ordinal scale (1-6) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have effects in the short term. The width of the confidence intervals for each coefficient is 95% with heteroskedasticity-robust standard errors. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”.

Figure 9: OLS Results - Correlates of Risk Perception in Latin America



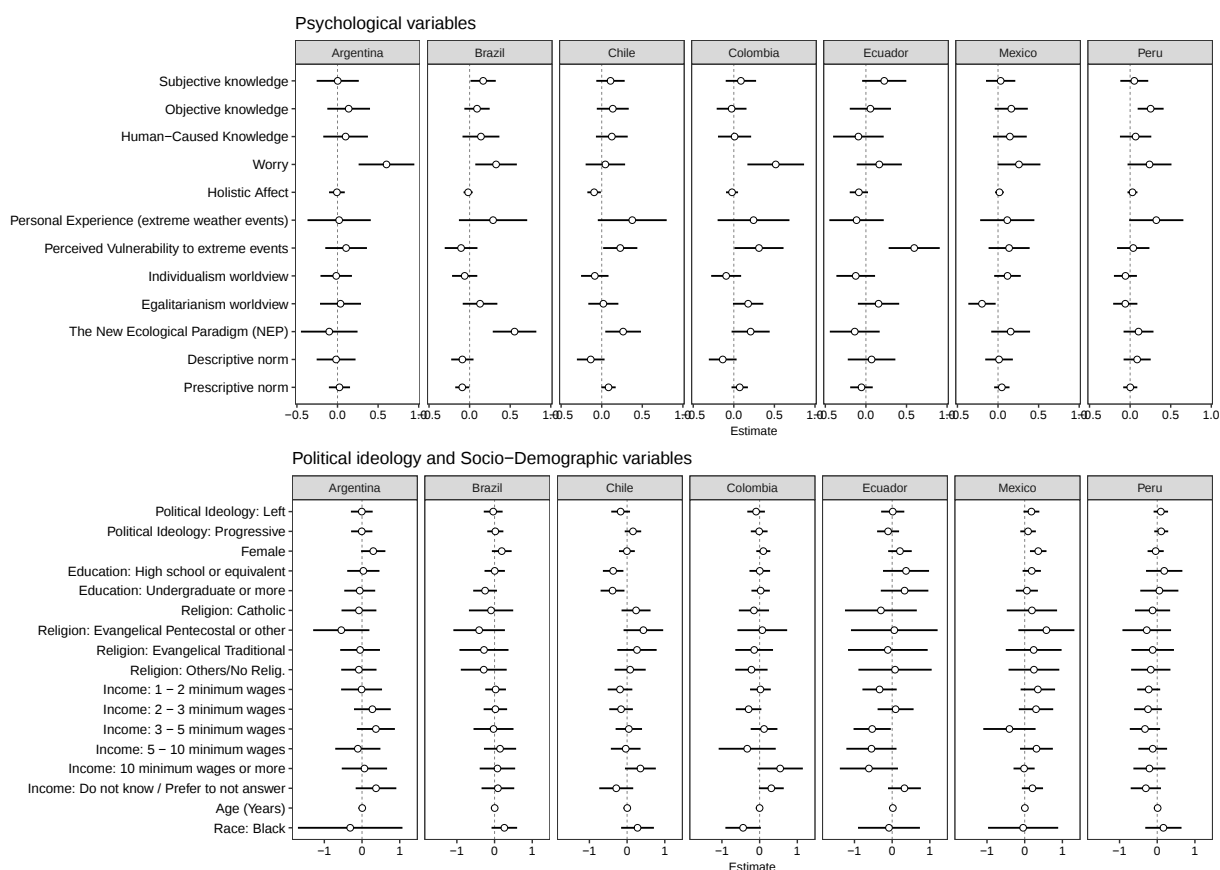
Notes: Results from ordinary least squares models regressing *Risk Perception index* on a set of independent variables (left) and socio-demographic characteristics (right). Respondents from all countries are included in the model. Coefficients are increases in the *Risk Perception index* given a unit increase in the covariates. The width of the confidence intervals for each coefficient is 95% with heteroskedasticity-robust standard errors. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”.

Figure 10: OLS Results - Correlates of Risk Perception (Spatial Dimension) per Country



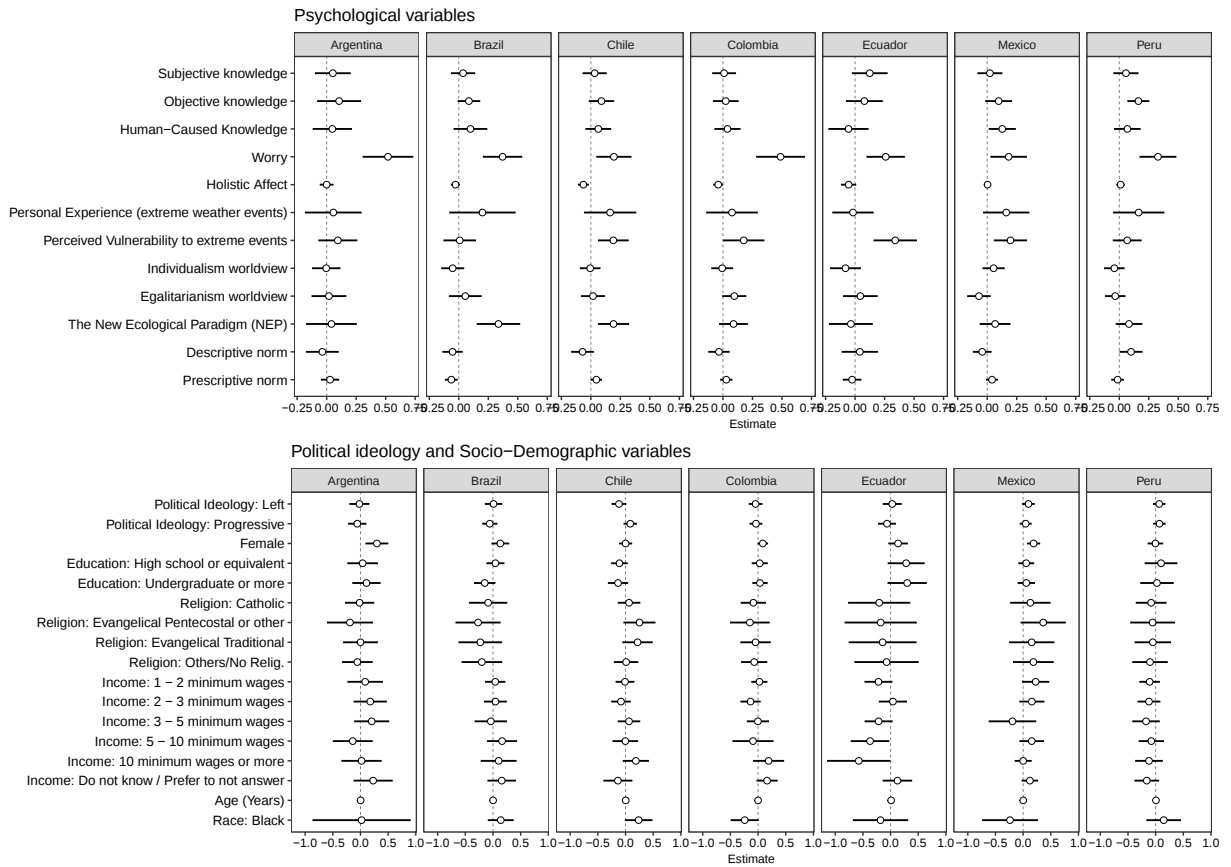
Notes: Results from seven ordinary least squares models regressing *Spatial dimension* on a set of independent variables and socio-demographic characteristics. Each column represents a separate model for observations from each country. Coefficients are increases in the *Spatial dimension* measure (1-4) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have extensive harmful effects. The width of the confidence intervals for each coefficient is 95% with heteroskedasticity-robust standard errors. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”.

Figure 11: OLS Results - Correlates of Risk Perception (Temporal Dimension) per Country



Notes: Results from seven ordinary least squares models regressing *Temporal dimension* on a set of independent variables and socio-demographic characteristics. Each column represents a separate model for observations from each country. Coefficients are increases in the *Temporal dimension* ordinal scale (1-6) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have effects in the short term. The width of the confidence intervals for each coefficient is 95% with heteroskedasticity-robust standard errors. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”.

Figure 12: OLS Results - Correlates of Risk Perception per Country



Notes: Results from seven ordinary least squares models regressing *Risk Perception index* on a set of independent variables and socio-demographic characteristics. Each column represents a separate model for observations from each country. Coefficients are increases in the *Risk Perception index* given a unit increase in the covariates. The width of the confidence intervals for each coefficient is 95% with heteroskedasticity-robust standard errors. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”.

3 Robustness Checks

3.1 Multicollinearity

Table 15: Multicollinearity Assessment

Term	VIF	VIF CI low	VIF CI high	Increased SE	Tolerance	Tolerance CI low	Tolerance CI high
<i>Psychological variables</i>							
Subjective knowledge	1.13	1.09	1.19	1.06	0.88	0.84	0.92
Objective knowledge	1.20	1.15	1.26	1.09	0.83	0.79	0.87
Human-caused knowledge	1.09	1.05	1.15	1.04	0.92	0.87	0.95
Worry	1.34	1.28	1.41	1.16	0.75	0.71	0.78
Holistic affect	1.23	1.18	1.29	1.11	0.82	0.77	0.85
Personal experience (extreme weather events)	1.04	1.02	1.12	1.02	0.96	0.90	0.98
Perceived vulnerability to extreme events	1.27	1.21	1.34	1.13	0.79	0.75	0.82
Individualism worldview	1.17	1.12	1.23	1.08	0.86	0.82	0.89
Egalitarianism worldview	1.33	1.27	1.40	1.15	0.75	0.71	0.79
The New Ecological Paradigm (NEP)	1.29	1.24	1.36	1.14	0.77	0.74	0.81
Descriptive norm	1.63	1.55	1.72	1.28	0.61	0.58	0.65
Prescriptive norm	1.80	1.71	1.91	1.34	0.55	0.52	0.59
<i>Political ideology and Socio-Demographic variables</i>							
Political ideology: Left	1.15	1.11	1.21	1.07	0.87	0.83	0.90
Political ideology: Progressive	1.11	1.07	1.17	1.05	0.90	0.86	0.93
Female	1.14	1.10	1.20	1.07	0.87	0.83	0.91
Education	1.41	1.35	1.49	1.19	0.71	0.67	0.74
Religion	1.23	1.18	1.30	1.11	0.81	0.77	0.84
Income	1.51	1.43	1.59	1.23	0.66	0.63	0.70
Age (Years)	1.21	1.16	1.27	1.10	0.83	0.79	0.86
Race: Black	1.03	1.01	1.12	1.01	0.97	0.89	0.99

Notes: This table reports a multicollinearity assessment. The columns represent the variance inflation factor (VIF) and the associated 95% confidence intervals; the factor by which the standard error is increased due to possible correlation with other terms; the tolerance values including their 95% confidence intervals. Tolerance is calculated as $\frac{1}{VIF}$.

3.2 Multiple Hypotheses Testing

Table 16: Test of Joint Significance - All independent variables

Model	Res.Df	Df	F	P-value
Spatial dimension	2444	29	46.81	< 0.001
Temporal dimension	2553	29	14.61	< 0.001
Risk Perception index	2444	29	30.75	< 0.001

Notes: This table reports the results of an F-test to evaluate if the all independent variables are jointly significant in each of the four main OLS models estimated for the whole sample.

Table 17: Test of Joint Significance - Psychological variables

Model	Res.Df	Df	F	P-value
Spatial dimension	2444	12	43.50	< 0.001
Temporal dimension	2553	12	14.82	< 0.001
Risk Perception index	2444	12	28.83	< 0.001

Notes: This table reports the results of an F-test to evaluate if the psychological variables are jointly significant in each of the four main OLS models estimated for the whole sample.

Table 18: Test of Joint Significance - Political variables

Model	Res.Df	Df	F	P-value
Spatial dimension	2444	2	1.27	0.28
Temporal dimension	2553	2	0.19	0.82
Risk Perception index	2444	2	0.26	0.77

Notes: This table reports the results of an F-test to evaluate if the political variables are jointly significant in each of the four main OLS models estimated for the whole sample.

Table 19: Test of Joint Significance - Socio-demographic variables

Model	Res.Df	Df	F	P-value
Spatial dimension	2444	15	1.48	0.10
Temporal dimension	2857	15	1.83	< 0.001
Risk Perception index	2861	15	5.60	< 0.001

Notes: This table reports the results of an F-test to evaluate if the political variables are jointly significant in each of the four main OLS models estimated for the whole sample.

Table 20: Benjamini-Hochberg adjusted p-values for multiple hypotheses testing

Model:	Spatial dimension				Temporal dimension				Risk Perception index			
	Standard	Signif.	Adjusted	Signif.	Standard	Signif.	Adjusted	Signif.	Standard	Signif.	Adjusted	Signif.
<i>Psychological variables</i>												
Subjective knowledge	0.9816	-	0.9830	-	0.0039	***	0.0082	***	0.0210	**	0.0344	**
Objective knowledge	0.0001	***	0.0000	***	0.0062	***	0.0025	***	0.0002	***	0.0000	***
Human-caused knowledge	0.0121	**	0.0231	**	0.0856	*	0.1563	-	0.0341	**	0.0688	*
Worry	0.0000	***	0.0000	***	0.0000	***	0.0000	***	0.0000	***	0.0000	***
Holistic affect	0.0001	***	0.0000	***	0.1449	-	0.1592	-	0.0076	***	0.0037	***
Personal experience (extreme weather events)	0.0088	***	0.0015	***	0.0590	*	0.0769	*	0.0358	**	0.0379	**
Perceived vulnerability to extreme events	0.0000	***	0.0000	***	0.0001	***	0.0000	***	0.0000	***	0.0000	***
Individualism worldview	0.1837	-	0.3453	-	0.0650	*	0.1015	-	0.0822	*	0.1453	-
Egalitarianism worldview	0.3491	-	0.5659	-	0.1874	-	0.2497	-	0.1940	-	0.2712	-
The New Ecological Paradigm (NEP)	0.0017	***	0.0002	***	0.0133	**	0.0117	**	0.0037	***	0.0011	***
Descriptive norm	0.8763	-	0.9579	-	0.3169	-	0.4440	-	0.2732	-	0.4094	-
Prescriptive norm	0.5876	-	0.7173	-	0.3190	-	0.4395	-	0.3370	-	0.4168	-
<i>Political ideology and Socio-Demographic variables</i>												
Political ideology: Left	0.4862	-	0.6387	-	0.8254	-	0.8982	-	0.4729	-	0.5923	-
Political ideology: Progressive	0.1306	-	0.1963	-	0.5894	-	0.7669	-	0.8509	-	0.9345	-
Female	0.0155	**	0.0252	**	0.0016	***	0.0030	***	0.0001	***	0.0001	***
Education: High school or equivalent	0.0767	*	0.1120	-	0.6276	-	0.7766	-	0.2620	-	0.3874	-
Education: Undergraduate or more	0.2988	-	0.4699	-	0.9140	-	0.9191	-	0.6981	-	0.8008	-
Religion: Catholic	0.9818	-	0.9830	-	0.7559	-	0.8298	-	0.9199	-	0.9345	-
Religion: Evangelical Pentecostal or other evangelical	0.8717	-	0.9571	-	0.9354	-	0.9191	-	0.6515	-	0.7481	-
Religion: Evangelical Traditional	0.8986	-	0.9588	-	0.7947	-	0.8582	-	0.8682	-	0.9345	-
Religion: Others/No Relig.	0.7457	-	0.9165	-	0.7431	-	0.8298	-	0.9619	-	0.9550	-
Income: 1 - 2 minimum wages	0.3841	-	0.5659	-	0.0484	**	0.0769	*	0.3211	-	0.4124	-
Income: 2 - 3 minimum wages	0.7762	-	0.9165	-	0.3160	-	0.4531	-	0.6662	-	0.8008	-
Income: 3 - 5 minimum wages	0.4882	-	0.6086	-	0.2768	-	0.4312	-	0.4517	-	0.5923	-
Income: 5 - 10 minimum wages	0.4264	-	0.6018	-	0.1491	-	0.2497	-	0.1514	-	0.2631	-
Income: 10 minimum wages or more	0.0921	*	0.1120	-	0.0544	*	0.1199	-	0.1053	-	0.1909	-
Income: Do not know/ Prefer to not answer	0.2338	-	0.3453	-	0.3517	-	0.4531	-	0.1571	-	0.2631	-
Age (Years)	0.0858	*	0.0997	*	0.0000	***	0.0000	***	0.0000	***	0.0000	***
Race: Black	0.7952	-	0.9165	-	0.8967	-	0.9191	-	0.8989	-	0.9345	-

Notes: This table presents the standard and adjusted (Benjamini-Hochberg) p-values for each of the four main OLS models estimated for the whole sample. Signif. Codes: ***: 0.01, **: 0.05, *: 0.1.

3.3 Linear Combination of Coefficients

Table 21: Testing differences between Worry and other psychological predictors - Risk Perception (Spatial Dimension)

Variable	Res.Df	Df	F	P-value
Objective knowledge	2444	1	56.72	< 0.001
Human-caused knowledge	2444	1	76.30	< 0.001
Holistic affect	2444	1	115.13	< 0.001
Personal experience (extreme weather events)	2444	1	28.61	< 0.001
Perceived vulnerability to extreme weather events	2444	1	26.61	< 0.001
The New Ecological Paradigm (NEP)	2444	1	44.61	< 0.001

Notes: This table reports the results of an F-test to evaluate if the coefficient of Worry is statistically different from the coefficient of each of the other statistically significant psychological predictors of *Risk Perception (Spatial Dimension)*. Each row represents the result of testing the difference between the coefficient of Worry and that of the respective variable.

Table 22: Testing differences between Worry and other psychological predictors - Risk Perception (Temporal Dimension)

Variable	Res.Df	Df	F	P-value
Subjective knowledge	2553	1	6.90	0.01
Objective knowledge	2553	1	7.91	< 0.001
Human-caused knowledge	2553	1	9.58	< 0.001
Personal experience (extreme weather events)	2553	1	3.09	0.08
Perceived vulnerability to extreme weather events	2553	1	2.19	0.14
Individualism worldview	2553	1	11.86	< 0.001
The New Ecological Paradigm (NEP)	2553	1	5.30	0.02

Notes: This table reports the results of an F-test to evaluate if the coefficient of Worry is statistically different from the coefficient of each of the other statistically significant psychological predictors of *Risk Perception (Temporal Dimension)*. Each row represents the result of testing the difference between the coefficient of Worry and that of the respective variable.

Table 23: Testing differences between Worry and other psychological predictors - Risk Perception

Variable	Res.Df	Df	F	P-value
Subjective knowledge	2444	1	39.14	< 0.001
Objective knowledge	2444	1	29.41	< 0.001
Human-caused knowledge	2444	1	39.12	< 0.001
Holistic affect	2444	1	66.65	< 0.001
Personal experience (extreme weather events)	2444	1	17.47	< 0.001
Perceived vulnerability to extreme weather events	2444	1	12.36	< 0.001
Individualism worldview	2444	1	48.31	< 0.001
The New Ecological Paradigm (NEP)	2444	1	22.65	< 0.001

Notes: This table reports the results of an F-test to evaluate if the coefficient of Worry is statistically different from the coefficient of each of the other statistically significant psychological predictors of *Risk Perception*. Each row represents the result of testing the difference between the coefficient of Worry and that of the respective variable.

3.4 Alternative Specifications and Stepwise Regressions

Table 24: Multilevel Model Results - Random Intercepts at the Country level

(iv)	Dependent Variable:		
	Spatial Dimension (i)	Temporal Dimension (ii)	Risk Perception Index (iii)
<i>Psychological variables</i>			
Subjective knowledge	−0.001 (0.014)	0.110** (0.035)	0.053** (0.020)
Objective knowledge	0.071*** (0.013)	0.110*** (0.031)	0.093*** (0.018)
Human-caused knowledge	0.046** (0.017)	0.072 (0.041)	0.052* (0.024)
Worry	0.338*** (0.016)	0.312*** (0.040)	0.336*** (0.023)
Holistic affect	−0.026*** (0.005)	−0.024 (0.012)	−0.025*** (0.007)
Personal experience (extreme weather events)	0.087*** (0.025)	0.133* (0.061)	0.084* (0.035)
Perceived vulnerability to extreme events	0.128*** (0.016)	0.184*** (0.040)	0.154*** (0.023)
Individualism worldview	−0.013 (0.013)	−0.062* (0.031)	−0.030 (0.018)
Egalitarianism worldview	0.013 (0.014)	0.042 (0.034)	0.023 (0.019)
The New Ecological Paradigm (NEP)	0.075*** (0.017)	0.133** (0.043)	0.096*** (0.025)
Descriptive norm	−0.000 (0.014)	−0.026 (0.033)	−0.016 (0.019)
Prescriptive norm	0.003 (0.007)	0.015 (0.017)	0.008 (0.010)
<i>Political ideology and Socio-Demographic variables</i>			
Political ideology: Left	0.008 (0.017)	0.014 (0.042)	0.018 (0.025)
Political ideology: Progressive	−0.030 (0.017)	0.029 (0.043)	−0.003 (0.025)
Female	0.054** (0.017)	0.152*** (0.043)	0.114*** (0.025)
Education: High school or equivalent	0.064** (0.023)	0.050 (0.056)	0.064 (0.033)
Education: Undergraduate or more	0.049* (0.024)	0.014 (0.058)	0.041 (0.034)
Religion: Catholic	−0.021 (0.035)	−0.041 (0.087)	−0.022 (0.050)
Religion: Evangelical Pentecostal or other evangelical	−0.022 (0.047)	−0.035 (0.116)	−0.009 (0.067)
Religion: Evangelical Traditional	−0.028 (0.042)	−0.051 (0.105)	−0.010 (0.060)
Religion: Others/No Relig.	−0.036 (0.037)	−0.052 (0.092)	−0.027 (0.053)
Income: 1 - 2 minimum wages	0.027 (0.024)	−0.136* (0.060)	−0.038 (0.035)
Income: 2 - 3 minimum wages	0.012 (0.029)	−0.081 (0.071)	−0.022 (0.041)
Income: 3 - 5 minimum wages	−0.012 (0.030)	−0.081 (0.074)	−0.025 (0.043)
Income: 5 - 10 minimum wages	−0.022 (0.036)	−0.139 (0.089)	−0.076 (0.051)
Income: 10 minimum wages or more	−0.080* (0.035)	−0.169* (0.085)	−0.098* (0.050)
Income: Do not know/ Prefer to not answer	0.036 (0.028)	0.079 (0.070)	0.064 (0.040)
Age (Years)	0.001* (0.000)	0.007*** (0.001)	0.004*** (0.001)
Race: Black	−0.026 (0.043)	−0.013 (0.104)	−0.034 (0.061)
Constant	1.352*** (0.104)	2.017*** (0.253)	1.685*** (0.148)
<i>Fit statistics</i>			
Num. obs.	2474	2583	2474
Num. groups: Country	7	7	7
Var: Country (Intercept)	0.00	0.01	0.01
Var: Residual	0.30	1.94	0.62

Notes: Results from three multilevel (hierarchical) models. Columns “Spatial Dimension”, “Temporal Dimension” and “Risk Perception Index” are models regressing *Spatial dimension*, *Temporal dimension*, and *Risk Perception index*, respectively, on a set of independent variables and socio-demographic characteristics. A random intercept is specified at the country level. Coefficients for column “Spatial Dimension” are increases in the *Spatial dimension* measure (1-4) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have extensive harmful effects. Coefficients for column “Temporal Dimension” are increases in the *Temporal dimension* ordinal scale (1-6) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have effects in the short term. Coefficients for column *Risk Perception index* are increases in the risk perception index given a unit increase in the covariates. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”. Signif. Codes: ***, 0.01, **, 0.05, *, 0.1.

Table 25: Fixed Effects Model Results

(iv)	Dependent Variable:		
	Spatial Dimension (i)	Temporal Dimension (ii)	Risk Perception Index (iii)
<i>Psychological variables</i>			
Subjective knowledge	-0.0009 (0.017)	0.110*** (0.038)	0.053** (0.023)
Objective knowledge	0.071*** (0.019)	0.110*** (0.040)	0.093*** (0.024)
Human-caused knowledge	0.046** (0.018)	0.071 (0.044)	0.052** (0.025)
Worry	0.338*** (0.028)	0.314*** (0.058)	0.337*** (0.036)
Holistic affect	-0.026*** (0.006)	-0.024 (0.015)	-0.025*** (0.009)
Personal experience (extreme weather events)	0.086** (0.034)	0.132* (0.074)	0.084* (0.044)
Perceived vulnerability to extreme events	0.126*** (0.022)	0.181*** (0.049)	0.152*** (0.030)
Individualism worldview	-0.012 (0.013)	-0.061* (0.035)	-0.030 (0.020)
Egalitarianism worldview	0.013 (0.014)	0.038 (0.039)	0.022 (0.022)
The New Ecological Paradigm (NEP)	0.076*** (0.023)	0.136*** (0.051)	0.097*** (0.032)
Descriptive norm	-0.0002 (0.015)	-0.022 (0.036)	-0.014 (0.020)
Prescriptive norm	0.003 (0.008)	0.014 (0.019)	0.007 (0.011)
<i>Political ideology and Socio-Demographic variables</i>			
Political ideology: Left	0.007 (0.019)	0.015 (0.047)	0.018 (0.027)
Political ideology: Progressive	-0.030 (0.020)	0.031 (0.046)	-0.002 (0.027)
Female	0.055*** (0.019)	0.154*** (0.047)	0.116*** (0.027)
Education: High school or equivalent	0.067** (0.028)	0.059 (0.061)	0.069* (0.036)
Education: Undergraduate or more	0.052* (0.029)	0.023 (0.065)	0.047 (0.038)
Religion: Catholic	-0.025 (0.032)	-0.046 (0.111)	-0.026 (0.060)
Religion: Evangelical Pentecostal or other evangelical	-0.028 (0.063)	-0.058 (0.145)	-0.019 (0.084)
Religion: Evangelical Traditional	-0.032 (0.042)	-0.060 (0.130)	-0.015 (0.071)
Religion: Others/No Relig.	-0.041 (0.034)	-0.061 (0.113)	-0.033 (0.062)
Income: 1 - 2 minimum wages	0.027 (0.027)	-0.136** (0.069)	-0.037 (0.040)
Income: 2 - 3 minimum wages	0.012 (0.030)	-0.085 (0.072)	-0.023 (0.042)
Income: 3 - 5 minimum wages	-0.010 (0.036)	-0.078 (0.081)	-0.022 (0.048)
Income: 5 - 10 minimum wages	-0.020 (0.039)	-0.140 (0.092)	-0.074 (0.053)
Income: 10 minimum wages or more	-0.082* (0.045)	-0.171* (0.088)	-0.100* (0.054)
Income: Do not know/ Prefer to not answer	0.036 (0.033)	0.083 (0.077)	0.064 (0.045)
Age (Years)	0.001** (0.0006)	0.007*** (0.002)	0.004*** (0.0008)
Race: Black	-0.028 (0.052)	-0.026 (0.124)	-0.039 (0.073)
<i>Fixed-effects</i>			
Country	Yes	Yes	Yes
<i>Fit statistics</i>			
Observations	2,474	2,583	2,474
R ²	0.36835	0.14909	0.27835
Within R ²	0.35457	0.14419	0.26861

Notes: Results from three fixed effects models. Columns “Spatial Dimension”, “Temporal Dimension” and “Risk Perception Index” are models regressing *Spatial dimension*, *Temporal dimension*, and *Risk Perception index*, respectively, on a set of independent variables and socio-demographic characteristics. Fixed effects are included to control for anything constant in observations of the same country. Coefficients for column “Spatial Dimension” are increases in the *Spatial dimension* measure (1-4) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have extensive harmful effects. Coefficients for column “Temporal Dimension” are increases in the *Temporal dimension* ordinal scale (1-6) given a unit increase in the covariates. The higher the scale the greater the belief that climate change will have effects in the short term. Coefficients for column *Risk Perception index* are increases in the risk perception index given a unit increase in the covariates. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”. Signif. Codes: ***, 0.01, **, 0.05, *, 0.1.

Table 26: Stepwise OLS Results - Correlates of Risk Perception (Spatial Dimension)

Dependent Variable: Model:	Spatial Dimension			
	(1)	(2)	(3)	(4)
<i>Psychological variables</i>				
Subjective knowledge	-0.006 (0.017)	-0.005 (0.017)	-0.004 (0.017)	0.0004 (0.017)
Objective knowledge	0.092*** (0.019)	0.079*** (0.019)	0.081*** (0.019)	0.071*** (0.019)
Human-caused knowledge	0.054*** (0.018)	0.047*** (0.018)	0.048*** (0.018)	0.046** (0.018)
Worry	0.369*** (0.027)	0.358*** (0.028)	0.352*** (0.028)	0.338*** (0.028)
Holistic affect	-0.033*** (0.006)	-0.029*** (0.006)	-0.029*** (0.006)	-0.025*** (0.006)
Individualism worldview	-0.010 (0.013)	-0.012 (0.013)	-0.013 (0.013)	-0.017 (0.013)
Egalitarianism worldview	0.036** (0.015)	0.028** (0.014)	0.030** (0.014)	0.013 (0.014)
Descriptive norm	0.0007 (0.015)	0.004 (0.015)	0.004 (0.015)	-0.002 (0.015)
Prescriptive norm	0.018** (0.008)	0.012 (0.008)	0.010 (0.008)	0.004 (0.008)
<i>Political ideology and Socio-Demographic variables</i>				
Political ideology: Left	0.020 (0.019)	0.020 (0.019)	0.018 (0.019)	0.013 (0.019)
Political ideology: Progressive	-0.038* (0.020)	-0.042** (0.019)	-0.039** (0.019)	-0.030 (0.020)
Female	0.052*** (0.019)	0.055*** (0.019)	0.054*** (0.019)	0.046** (0.019)
Education: High school or equivalent	0.038 (0.025)	0.035 (0.025)	0.040 (0.025)	0.045* (0.025)
Education: Undergraduate or more	0.010 (0.025)	0.013 (0.025)	0.014 (0.025)	0.026 (0.025)
Religion: Catholic	0.001 (0.032)	0.004 (0.032)	0.004 (0.032)	-0.0007 (0.032)
Religion: Evangelical Pentecostal or other evangelical	0.008 (0.061)	0.017 (0.061)	0.014 (0.061)	0.010 (0.062)
Religion: Evangelical Traditional	-0.003 (0.042)	-0.003 (0.043)	-0.006 (0.043)	-0.006 (0.043)
Religion: Others/No Relig.	0.0003 (0.034)	0.003 (0.034)	-0.001 (0.034)	-0.011 (0.035)
Income: 1 - 2 minimum wages	0.014 (0.027)	0.023 (0.027)	0.018 (0.026)	0.023 (0.027)
Income: 10 minimum wages or more	-0.096** (0.039)	-0.093** (0.039)	-0.098** (0.039)	-0.067* (0.040)
Income: 2 - 3 minimum wages	0.003 (0.030)	-0.0007 (0.030)	-0.003 (0.030)	0.009 (0.030)
Income: 3 - 5 minimum wages	-0.045 (0.036)	-0.041 (0.035)	-0.038 (0.036)	-0.025 (0.036)
Income: 5 - 10 minimum wages	-0.056 (0.040)	-0.056 (0.040)	-0.058 (0.040)	-0.031 (0.039)
Income: Do not know/ Prefer to not answer	0.026 (0.032)	0.030 (0.033)	0.032 (0.033)	0.039 (0.033)
Age (Years)	0.001** (0.0006)	0.001** (0.0006)	0.001** (0.0006)	0.001* (0.0006)
Race: Black	-0.039 (0.051)	-0.021 (0.051)	-0.022 (0.051)	-0.013 (0.051)
<i>Climate-related independent variables</i>				
The New Ecological Paradigm (NEP)		0.089*** (0.022)	0.088*** (0.022)	0.071*** (0.023)
Personal experience (extreme weather events)			0.088** (0.035)	0.089*** (0.034)
Perceived vulnerability to extreme events				0.138*** (0.022)
Const	1.81*** (0.120)	1.63*** (0.129)	1.57*** (0.130)	1.33*** (0.133)
<i>Fit statistics</i>				
Observations	2,554	2,518	2,518	2,474
R ²	0.33018	0.33299	0.33635	0.35709

Notes: Results from stepwise ordinary least squares models regressing risk perception (spatial dimension) on a set of independent variables and socio-demographic characteristics. We gradually include climate-related independent variables from columns 2 - 4. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”. Signif. Codes: ***, 0.01, **, 0.05, *, 0.1.

Table 27: Stepwise OLS Results - Correlates of Risk Perception (Temporal Dimension)

Dependent Variable: Model:	Temporal Dimension			
	(1)	(2)	(3)	(4)
<i>Psychological variables</i>				
Subjective knowledge	0.086** (0.037)	0.092** (0.037)	0.093** (0.037)	0.109*** (0.038)
Objective knowledge	0.132*** (0.038)	0.122*** (0.039)	0.124*** (0.039)	0.109*** (0.040)
Human-caused knowledge	0.108** (0.043)	0.088** (0.043)	0.089** (0.043)	0.075* (0.044)
Worry	0.385*** (0.056)	0.364*** (0.056)	0.354*** (0.057)	0.307*** (0.057)
Holistic affect	-0.035** (0.015)	-0.026* (0.015)	-0.025* (0.015)	-0.022 (0.015)
Individualism worldview	-0.056 (0.035)	-0.059* (0.035)	-0.059* (0.035)	-0.064* (0.035)
Egalitarianism worldview	0.096** (0.038)	0.067* (0.038)	0.070* (0.038)	0.050 (0.038)
Descriptive norm	-0.029 (0.036)	-0.018 (0.036)	-0.018 (0.036)	-0.036 (0.036)
Prescriptive norm	0.032* (0.019)	0.025 (0.019)	0.024 (0.019)	0.019 (0.019)
<i>Political ideology and Socio-Demographic variables</i>				
Political ideology: Left	0.015 (0.046)	0.017 (0.046)	0.013 (0.046)	0.010 (0.047)
Political ideology: Progressive	0.014 (0.045)	0.007 (0.045)	0.011 (0.046)	0.025 (0.046)
Female	0.174*** (0.046)	0.171*** (0.046)	0.171*** (0.046)	0.147*** (0.046)
Education: High school or equivalent	0.038 (0.058)	0.026 (0.059)	0.034 (0.059)	0.029 (0.059)
Education: Undergraduate or more	-0.017 (0.061)	-0.018 (0.062)	-0.018 (0.062)	-0.007 (0.063)
Religion: Catholic	-0.044 (0.110)	-0.049 (0.113)	-0.049 (0.113)	-0.034 (0.111)
Religion: Evangelical Pentecostal or other evangelical	0.049 (0.141)	0.027 (0.145)	0.022 (0.144)	0.012 (0.144)
Religion: Evangelical Traditional	-0.023 (0.130)	-0.035 (0.132)	-0.039 (0.132)	-0.034 (0.131)
Religion: Others/No Relig.	-0.035 (0.113)	-0.045 (0.116)	-0.052 (0.115)	-0.037 (0.114)
Income: 1 - 2 minimum wages	-0.131* (0.068)	-0.113 (0.068)	-0.119* (0.069)	-0.136** (0.069)
Income: 10 minimum wages or more	-0.196** (0.082)	-0.177** (0.082)	-0.185** (0.082)	-0.162* (0.084)
Income: 2 - 3 minimum wages	-0.074 (0.072)	-0.061 (0.072)	-0.065 (0.072)	-0.072 (0.072)
Income: 3 - 5 minimum wages	-0.124 (0.080)	-0.089 (0.079)	-0.084 (0.080)	-0.086 (0.079)
Income: 5 - 10 minimum wages	-0.164* (0.092)	-0.147 (0.093)	-0.150 (0.093)	-0.133 (0.092)
Income: Do not know/ Prefer to not answer	0.037 (0.074)	0.080 (0.074)	0.083 (0.074)	0.069 (0.074)
Age (Years)	0.007*** (0.001)	0.007*** (0.001)	0.007*** (0.001)	0.006*** (0.001)
Race: Black	-0.025 (0.122)	0.012 (0.122)	0.011 (0.122)	0.016 (0.123)
<i>Climate-related independent variables</i>				
The New Ecological Paradigm (NEP)		0.154*** (0.051)	0.153*** (0.051)	0.126** (0.051)
Personal experience (extreme weather events)			0.134* (0.071)	0.135* (0.072)
Perceived vulnerability to extreme events				0.189*** (0.049)
Const	2.67*** (0.270)	2.34*** (0.300)	2.25*** (0.298)	2.03*** (0.310)
<i>Fit statistics</i>				
Observations	2,684	2,637	2,637	2,583
R ²	0.13833	0.14023	0.14188	0.14230

Notes: Results from stepwise ordinary least squares models regressing risk perception (temporal dimension) on a set of independent variables and socio-demographic characteristics. We gradually include climate-related independent variables from columns 2 - 4. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 minimum wages”. Signif. Codes: ***, 0.01, **, 0.05, *, 0.1.

Table 28: Stepwise OLS Results - Correlates of Risk Perception

Dependent Variable: Model:	Index			
	(1)	(2)	(3)	(4)
<i>Psychological variables</i>				
Subjective knowledge	0.042* (0.022)	0.044** (0.022)	0.045** (0.022)	0.052** (0.023)
Objective knowledge	0.116*** (0.024)	0.105*** (0.025)	0.107*** (0.025)	0.092*** (0.024)
Human-caused knowledge	0.073*** (0.025)	0.060** (0.025)	0.061** (0.025)	0.053** (0.025)
Worry	0.379*** (0.036)	0.364*** (0.037)	0.357*** (0.037)	0.334*** (0.036)
Holistic affect	-0.034*** (0.009)	-0.028*** (0.009)	-0.028*** (0.009)	-0.024*** (0.009)
Individualism worldview	-0.026 (0.020)	-0.028 (0.020)	-0.028 (0.020)	-0.034* (0.020)
Egalitarianism worldview	0.060*** (0.022)	0.043** (0.022)	0.044** (0.022)	0.028 (0.022)
Descriptive norm	-0.018 (0.021)	-0.012 (0.021)	-0.012 (0.021)	-0.022 (0.021)
Prescriptive norm	0.024** (0.011)	0.017 (0.011)	0.016 (0.011)	0.011 (0.011)
<i>Political ideology and Socio-Demographic variables</i>				
Political ideology: Left	0.025 (0.027)	0.026 (0.027)	0.024 (0.027)	0.019 (0.027)
Political ideology: Progressive	-0.013 (0.027)	-0.020 (0.027)	-0.017 (0.027)	-0.005 (0.027)
Female	0.118*** (0.027)	0.119*** (0.027)	0.118*** (0.027)	0.106*** (0.027)
Education: High school or equivalent	0.039 (0.034)	0.033 (0.034)	0.038 (0.035)	0.039 (0.034)
Education: Undergraduate or more	-0.003 (0.036)	-0.002 (0.036)	-0.002 (0.036)	0.014 (0.036)
Religion: Catholic	-0.010 (0.061)	-0.011 (0.063)	-0.011 (0.062)	-0.006 (0.060)
Religion: Evangelical Pentecostal or other evangelical	0.053 (0.082)	0.046 (0.084)	0.042 (0.083)	0.037 (0.083)
Religion: Evangelical Traditional	0.017 (0.072)	0.010 (0.074)	0.008 (0.074)	0.012 (0.072)
Religion: Others/No Relig.	0.002 (0.063)	-0.0008 (0.064)	-0.005 (0.064)	-0.003 (0.062)
Income: 1 - 2 minimum wages	-0.042 (0.039)	-0.029 (0.040)	-0.033 (0.039)	-0.039 (0.039)
Income: 10 minimum wages or more	-0.115** (0.050)	-0.104** (0.050)	-0.109** (0.050)	-0.083 (0.051)
Income: 2 - 3 minimum wages	-0.023 (0.042)	-0.018 (0.042)	-0.020 (0.042)	-0.018 (0.042)
Income: 3 - 5 minimum wages	-0.062 (0.047)	-0.042 (0.046)	-0.038 (0.047)	-0.035 (0.046)
Income: 5 - 10 minimum wages	-0.105* (0.055)	-0.097* (0.055)	-0.099* (0.055)	-0.077 (0.054)
Income: Do not know/ Prefer to not answer	0.047 (0.043)	0.068 (0.043)	0.070 (0.044)	0.062 (0.044)
Age (Years)	0.004*** (0.0008)	0.004*** (0.0008)	0.004*** (0.0008)	0.004*** (0.0008)
Race: Black	-0.047 (0.073)	-0.014 (0.074)	-0.014 (0.074)	-0.009 (0.073)
<i>Climate-related independent variables</i>				
The New Ecological Paradigm (NEP)		0.113*** (0.031)	0.111*** (0.031)	0.091*** (0.031)
Personal experience (extreme weather events)			0.091** (0.043)	0.089** (0.042)
Perceived vulnerability to extreme events				0.163*** (0.030)
Const	2.22*** (0.169)	1.99*** (0.182)	1.93*** (0.181)	1.68*** (0.188)
<i>Fit statistics</i>				
Observations	2,554	2,518	2,518	2,474
R ²	0.25135	0.25373	0.25570	0.26734

Notes: Results from stepwise ordinary least squares models regressing risk perception on a set of independent variables and socio-demographic characteristics. We gradually include climate-related independent variables from columns 2 - 4. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is "Elementary (Primary) or less", Religion is "Atheist" and Income is "0 - 1 minimum wages". Signif. Codes: ***, 0.01, **, 0.05, *, 0.1.

Table 29: Stepwise OLS Results - Correlates of Risk Perception (Spatial Dimension)

Dependent Variable:	Spatial Dimension												
Model:	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<i>Significant variables</i>													
Objective knowledge	0.066*** (0.013)	0.066*** (0.013)	0.068*** (0.014)	0.063*** (0.014)	0.064*** (0.015)	0.065*** (0.015)	0.064*** (0.015)	0.071*** (0.019)	0.072*** (0.019)	0.072*** (0.019)	0.072*** (0.019)	0.071*** (0.019)	0.071*** (0.019)
Human-caused knowledge	0.059*** (0.013)	0.058*** (0.013)	0.054*** (0.014)	0.051*** (0.015)	0.046*** (0.015)	0.043*** (0.015)	0.043*** (0.015)	0.042** (0.018)	0.042** (0.018)	0.042** (0.018)	0.044** (0.018)	0.046** (0.018)	0.046** (0.018)
Worry	0.320*** (0.021)	0.323*** (0.021)	0.319*** (0.023)	0.330*** (0.023)	0.325*** (0.025)	0.331*** (0.025)	0.331*** (0.025)	0.337*** (0.029)	0.337*** (0.029)	0.336*** (0.029)	0.337*** (0.028)	0.338*** (0.028)	0.338*** (0.028)
Holistic affect	- 0.022*** (0.005)	- 0.023*** (0.005)	- 0.024*** (0.005)	- 0.021*** (0.005)	- 0.023*** (0.005)	- 0.022*** (0.005)	- 0.021*** (0.005)	- 0.025*** (0.007)	- 0.025*** (0.006)	- 0.025*** (0.006)	- 0.025*** (0.007)	- 0.025*** (0.006)	- 0.025*** (0.006)
Personal experience	0.056*** (0.021)	0.057*** (0.021)	0.062*** (0.023)	0.066*** (0.024)	0.058** (0.025)	0.060** (0.025)	0.060** (0.025)	0.083** (0.034)	0.087** (0.034)	0.088** (0.034)	0.088** (0.034)	0.089*** (0.034)	0.089*** (0.034)
Perceived vulnerability	0.171*** (0.016)	0.170*** (0.016)	0.171*** (0.017)	0.162*** (0.017)	0.154*** (0.018)	0.151*** (0.018)	0.150*** (0.018)	0.144*** (0.021)	0.144*** (0.021)	0.143*** (0.021)	0.140*** (0.022)	0.138*** (0.022)	0.138*** (0.022)
New Ecological Paradigm	0.071*** (0.016)	0.072*** (0.016)	0.076*** (0.018)	0.063*** (0.018)	0.064*** (0.018)	0.067*** (0.019)	0.067*** (0.019)	0.070*** (0.023)	0.070*** (0.023)	0.070*** (0.023)	0.072*** (0.023)	0.072*** (0.023)	0.071*** (0.023)
Female	0.051*** (0.013)	0.050*** (0.013)	0.050*** (0.014)	0.050*** (0.014)	0.048*** (0.015)	0.053*** (0.015)	0.052*** (0.015)	0.055*** (0.018)	0.053*** (0.019)	0.053*** (0.019)	0.048** (0.019)	0.046** (0.019)	0.046** (0.019)
<i>Insignificant variables</i>													
Subjective knowledge		-0.009 (0.012)	-0.006 (0.013)	-0.011 (0.013)	-0.011 (0.014)	-0.011 (0.014)	-0.010 (0.014)	0.003 (0.018)	0.002 (0.018)	0.003 (0.017)	0.003 (0.018)	0.0006 (0.017)	0.0004 (0.017)
Individualism worldview			-0.014 (0.010)	-0.019* (0.010)	-0.018* (0.010)	-0.017 (0.010)	-0.015 (0.010)	-0.019 (0.013)	-0.017 (0.013)	-0.018 (0.013)	-0.019 (0.013)	-0.017 (0.013)	-0.017 (0.013)
Egalitarianism worldview				0.019	0.019	0.015	0.012	0.016	0.016	0.016	0.016	0.013	0.013

	(0.012)	(0.012)	(0.012)	(0.012)	(0.014)	(0.014)	(0.014)	(0.014)	(0.014)	(0.014)
Descriptive norm	0.015	0.006	0.006	-0.003	-0.003	-0.004	-0.0009	-0.002	-0.002	
	(0.011)	(0.012)	(0.012)	(0.015)	(0.015)	(0.015)	(0.015)	(0.015)	(0.015)	
Prescriptive norm		0.004	0.005	0.005	0.005	0.005	0.004	0.004	0.004	
		(0.007)	(0.007)	(0.008)	(0.008)	(0.008)	(0.008)	(0.008)	(0.008)	
Political ideology: Left			0.021	0.012	0.010	0.011	0.010	0.013	0.013	
			(0.015)	(0.018)	(0.018)	(0.018)	(0.018)	(0.019)	(0.019)	
Political ideology: Progr.				-0.030	-0.029	-0.028	-0.029	-0.030	-0.030	
				(0.020)	(0.020)	(0.020)	(0.020)	(0.020)	(0.020)	
Educ: High school or equiv.					0.040	0.040	0.038	0.045*	0.045*	
					(0.026)	(0.026)	(0.026)	(0.025)	(0.025)	
Educ: Undergraduate or more					0.016	0.016	0.024	0.026	0.026	
					(0.025)	(0.024)	(0.025)	(0.025)	(0.025)	
Relig.: Catholic						0.006	0.005	-0.0008	-0.0007	
						(0.033)	(0.032)	(0.032)	(0.032)	
Relig.: Evangelical Pentecostal						0.010	0.010	0.009	0.010	
						(0.063)	(0.063)	(0.062)	(0.062)	
Relig.: Evangelical Traditional						-0.0002	-0.006	-0.006	-0.006	
						(0.043)	(0.044)	(0.043)	(0.043)	
Relig.: Others/No Relig.						-0.008	-0.011	-0.011	-0.011	
						(0.035)	(0.035)	(0.035)	(0.035)	
Income: 1 - 2 min. wages							0.030	0.023	0.023	
							(0.026)	(0.027)	(0.027)	
Income: 10 min. wages or more							-0.055	-0.066*	-0.067*	
							(0.039)	(0.040)	(0.040)	
Income: 2 - 3 min. wages							0.015	0.009	0.009	
							(0.030)	(0.030)	(0.030)	
Income: 3 - 5 min. wages							-0.012	-0.025	-0.025	
							(0.035)	(0.036)	(0.036)	
Income: 5 - 10 min. wages							-0.017	-0.031	-0.031	

											(0.039)	(0.039)	(0.039)
Income: Do not know/PNTA											0.040	0.039	0.039
											(0.033)	(0.033)	(0.033)
Age (Years)												0.001*	0.001*
												(0.0006)	(0.0006)
Race: Black													-0.013
													(0.051)
Const	1.42***	1.43***	1.45***	1.46***	1.47***	1.44***	1.43***	1.38***	1.36***	1.36***	1.35***	1.33***	1.33***
	(0.095)	(0.095)	(0.103)	(0.102)	(0.107)	(0.109)	(0.110)	(0.127)	(0.129)	(0.129)	(0.133)	(0.133)	(0.133)
<i>Fit statistics</i>													
Observations	4,339	4,329	3,823	3,627	3,436	3,350	3,350	2,474	2,474	2,474	2,474	2,474	2,474
R ²	0.34144	0.34229	0.34326	0.34313	0.33534	0.34102	0.34145	0.35197	0.35294	0.35309	0.35585	0.35707	0.35709

Notes: Results from stepwise ordinary least squares models regressing risk perception (spatial dimension) on a set of independent variables and socio-demographic characteristics. We gradually include the insignificant variables (at the 95% level) from our main specification from columns 2 - 13. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 min. wages”. Signif. Codes: ***: 0.01, **: 0.05, *: 0.1.

Table 30: Stepwise OLS Results - Correlates of Risk Perception (Temporal Dimension)

Dependent Variable:		Temporal Dimension											
Model:	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<i>Significant variables</i>													
Subjective knowledge	0.058** (0.027)	0.063** (0.027)	0.062** (0.027)	0.062** (0.029)	0.057* (0.030)	0.056* (0.030)	0.064** (0.030)	0.069** (0.031)	0.070** (0.031)	0.101*** (0.037)	0.103*** (0.037)	0.102*** (0.037)	0.109*** (0.038)
Objective knowledge	0.125*** (0.028)	0.121*** (0.029)	0.112*** (0.029)	0.118*** (0.031)	0.105*** (0.032)	0.103*** (0.032)	0.106*** (0.033)	0.102*** (0.034)	0.101*** (0.034)	0.105*** (0.040)	0.106*** (0.040)	0.106*** (0.040)	0.109*** (0.040)
Worry	0.350*** (0.043)	0.340*** (0.043)	0.332*** (0.042)	0.340*** (0.047)	0.327*** (0.048)	0.320*** (0.049)	0.304*** (0.051)	0.307*** (0.052)	0.306*** (0.052)	0.303*** (0.057)	0.303*** (0.057)	0.306*** (0.057)	0.307*** (0.057)
Perceived vulnerability	0.241*** (0.037)	0.240*** (0.037)	0.235*** (0.037)	0.240*** (0.040)	0.209*** (0.041)	0.209*** (0.041)	0.209*** (0.043)	0.205*** (0.044)	0.204*** (0.044)	0.201*** (0.048)	0.197*** (0.049)	0.197*** (0.049)	0.189*** (0.049)
New Ecological Paradigm	0.190*** (0.039)	0.189*** (0.038)	0.177*** (0.038)	0.151*** (0.041)	0.142*** (0.042)	0.142*** (0.042)	0.136*** (0.043)	0.128*** (0.045)	0.127*** (0.045)	0.131** (0.051)	0.131** (0.051)	0.131** (0.051)	0.126** (0.051)
Female	0.168*** (0.033)	0.171*** (0.033)	0.173*** (0.033)	0.182*** (0.036)	0.177*** (0.036)	0.178*** (0.036)	0.165*** (0.038)	0.160*** (0.038)	0.159*** (0.038)	0.180*** (0.044)	0.172*** (0.045)	0.170*** (0.046)	0.147*** (0.046)
Age (Years)	0.005*** (0.001)	0.005*** (0.001)	0.005*** (0.001)	0.005*** (0.001)	0.006*** (0.001)	0.006*** (0.001)	0.006*** (0.001)	0.005*** (0.001)	0.005*** (0.001)	0.005*** (0.001)	0.006*** (0.001)	0.006*** (0.001)	0.006*** (0.001)
<i>Insignificant variables</i>													
Human-caused knowledge		0.052 (0.032)	0.045 (0.032)	0.037 (0.035)	0.043 (0.036)	0.044 (0.036)	0.050 (0.037)	0.052 (0.038)	0.052 (0.038)	0.074* (0.044)	0.073* (0.044)	0.074* (0.044)	0.075* (0.044)
Holistic affect			- 0.026** (0.010)	- 0.026** (0.011)	- 0.025** (0.012)	- 0.025** (0.012)	- 0.028** (0.012)	- 0.027** (0.013)	- 0.026** (0.012)	-0.018 (0.015)	-0.019 (0.015)	-0.020 (0.015)	-0.022 (0.015)
Individualism worldview				- 0.053** (0.026)	- 0.065** (0.026)	- 0.065** (0.026)	- 0.077*** (0.028)	- 0.072** (0.028)	- 0.069** (0.029)	-0.062* (0.034)	-0.063* (0.034)	-0.062* (0.035)	-0.064* (0.035)

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													(0.072)
Income: 3 - 5 min. wages													-0.086
													(0.079)
Income: 5 - 10 min. wages													-0.133
													(0.092)
Income: Do not know/PNTA													0.069
													(0.074)
Race: Black													0.016
													(0.123)
Const	1.73***	1.75***	1.89***	2.04***	2.10***	2.04***	2.08***	2.06***	2.04***	1.95***	1.97***	1.98***	2.03***
	(0.211)	(0.211)	(0.211)	(0.232)	(0.234)	(0.236)	(0.249)	(0.255)	(0.256)	(0.287)	(0.297)	(0.304)	(0.310)
<i>Fit statistics</i>													
Observations	4,686	4,667	4,667	4,072	3,845	3,845	3,614	3,517	3,517	2,583	2,583	2,583	2,583
R ²	0.13206	0.13075	0.13243	0.13626	0.13182	0.13285	0.13075	0.12943	0.12962	0.13747	0.13780	0.13793	0.14230

Notes: Results from stepwise ordinary least squares models regressing risk perception (temporal dimension) on a set of independent variables and socio-demographic characteristics. We gradually include the insignificant variables (at the 95% level) from our main specification from columns 2 - 13. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 min. wages”. Signif. Codes: ***: 0.01, **: 0.05, *: 0.1.

Table 31: Stepwise OLS Results - Correlates of Risk Perception

Dependent Variable: Model:	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Index											
<i>Significant variables</i>											
Subjective knowledge	0.026 (0.017)	0.027 (0.016)	0.027 (0.018)	0.020 (0.018)	0.024 (0.018)	0.028 (0.018)	0.029 (0.018)	0.050** (0.023)	0.050** (0.023)	0.049** (0.023)	0.052** (0.023)
Objective knowledge	0.097*** (0.018)	0.092*** (0.018)	0.096*** (0.019)	0.088*** (0.019)	0.090*** (0.020)	0.088*** (0.021)	0.087*** (0.021)	0.091*** (0.024)	0.092*** (0.024)	0.091*** (0.024)	0.092*** (0.024)
Holistic affect	-0.028*** (0.006)	-0.028*** (0.006)	-0.027*** (0.007)	-0.025*** (0.007)	-0.026*** (0.007)	-0.026*** (0.007)	-0.025*** (0.007)	-0.022** (0.009)	-0.022** (0.009)	-0.023** (0.009)	-0.024*** (0.009)
Worry	0.346*** (0.028)	0.337*** (0.028)	0.338*** (0.031)	0.340*** (0.032)	0.328*** (0.033)	0.333*** (0.034)	0.332*** (0.033)	0.331*** (0.037)	0.331*** (0.037)	0.333*** (0.037)	0.334*** (0.036)
Personal experience	0.082*** (0.030)	0.082*** (0.030)	0.083** (0.033)	0.075** (0.033)	0.071** (0.035)	0.068* (0.036)	0.068* (0.035)	0.078* (0.042)	0.082* (0.042)	0.081* (0.042)	0.089** (0.042)
Perceived vulnerability	0.190*** (0.022)	0.191*** (0.022)	0.193*** (0.024)	0.177*** (0.024)	0.171*** (0.025)	0.169*** (0.026)	0.168*** (0.026)	0.170*** (0.029)	0.168*** (0.030)	0.168*** (0.030)	0.163*** (0.030)
New Ecological Paradigm	0.115*** (0.024)	0.113*** (0.024)	0.105*** (0.025)	0.091*** (0.025)	0.092*** (0.026)	0.089*** (0.027)	0.089*** (0.027)	0.092*** (0.031)	0.092*** (0.031)	0.092*** (0.031)	0.091*** (0.031)
Female	0.112*** (0.019)	0.115*** (0.019)	0.120*** (0.020)	0.118*** (0.020)	0.116*** (0.021)	0.116*** (0.021)	0.115*** (0.021)	0.126*** (0.026)	0.121*** (0.026)	0.119*** (0.026)	0.106*** (0.027)
Age (Years)	0.003*** (0.0006)	0.003*** (0.0006)	0.003*** (0.0006)	0.003*** (0.0006)	0.003*** (0.0007)	0.003*** (0.0007)	0.003*** (0.0007)	0.003*** (0.0008)	0.003*** (0.0008)	0.003*** (0.0008)	0.004*** (0.0008)
Human-caused knowledge		0.055*** (0.019)	0.048** (0.020)	0.048** (0.020)	0.049** (0.021)	0.048** (0.021)	0.048** (0.021)	0.052** (0.025)	0.051** (0.025)	0.052** (0.025)	0.053** (0.025)
<i>Insignificant variables</i>											
Individualism worldview			-0.037** (0.015)	-0.043*** (0.015)	-0.043*** (0.015)	-0.039** (0.016)	-0.036** (0.016)	-0.034* (0.019)	-0.034* (0.019)	-0.034* (0.019)	-0.034* (0.020)

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Income: 5 - 10 min. wages											-0.077 (0.054)
Income: Do not know/PNTA											0.062 (0.044)
Race: Black											-0.009 (0.073)
Const	1.62*** (0.136)	1.64*** (0.137)	1.74*** (0.147)	1.78*** (0.145)	1.79*** (0.152)	1.76*** (0.155)	1.74*** (0.156)	1.69*** (0.178)	1.68*** (0.183)	1.67*** (0.186)	1.68*** (0.188)
<i>Fit statistics</i>											
Observations	4,343	4,329	3,823	3,627	3,436	3,350	3,350	2,474	2,474	2,474	2,474
R ²	0.26289	0.26152	0.26525	0.25981	0.25381	0.25574	0.25637	0.26313	0.26373	0.26399	0.26734

Notes: Results from stepwise ordinary least squares models regressing risk perception on a set of independent variables and socio-demographic characteristics. We gradually include the insignificant variables (at the 95% level) from our main specification from columns 2 - 13. Heteroskedasticity-robust standard errors in parentheses. Reference baseline for Education is “Elementary (Primary) or less”, Religion is “Atheist” and Income is “0 – 1 min. wages”. Signif. Codes: ***: 0.01, **: 0.05, *: 0.1.