Supplementary Materials:

Own trade-off and synergy beliefs, not others' beliefs, drive public acceptance of energy technologies

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Details on the survey set-up

The survey included the following main blocks: i) introduction and general environmental attitudes and energy policy attitudes, ii) a conjoint survey experiment measuring public support to promote building improvements for residential buildings (not the focus of this study), iii) the module on perceptions of trade-offs (the focus of this study here), iv) a module on technlogy specific polarization, and v) norm- an behaviour-based drivers of PV adoption, and vi) socio-demographics.

Slider question example

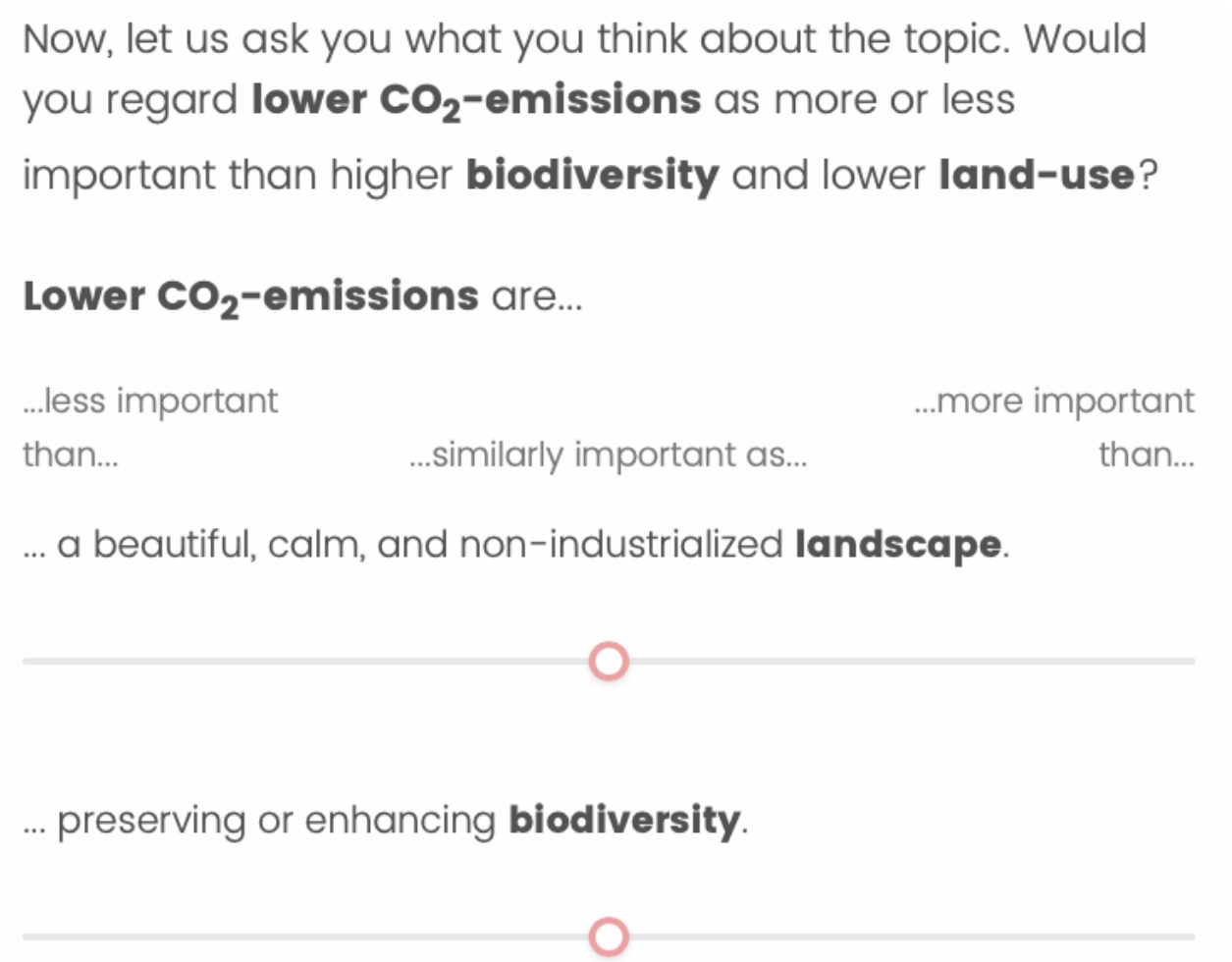

Fig. 1 – Example of a slider question used for the evaluation of different trade-offs and synergies between different societal goals, here showing the survey item for first-order trade-offs prior to the experiment.

Descriptives

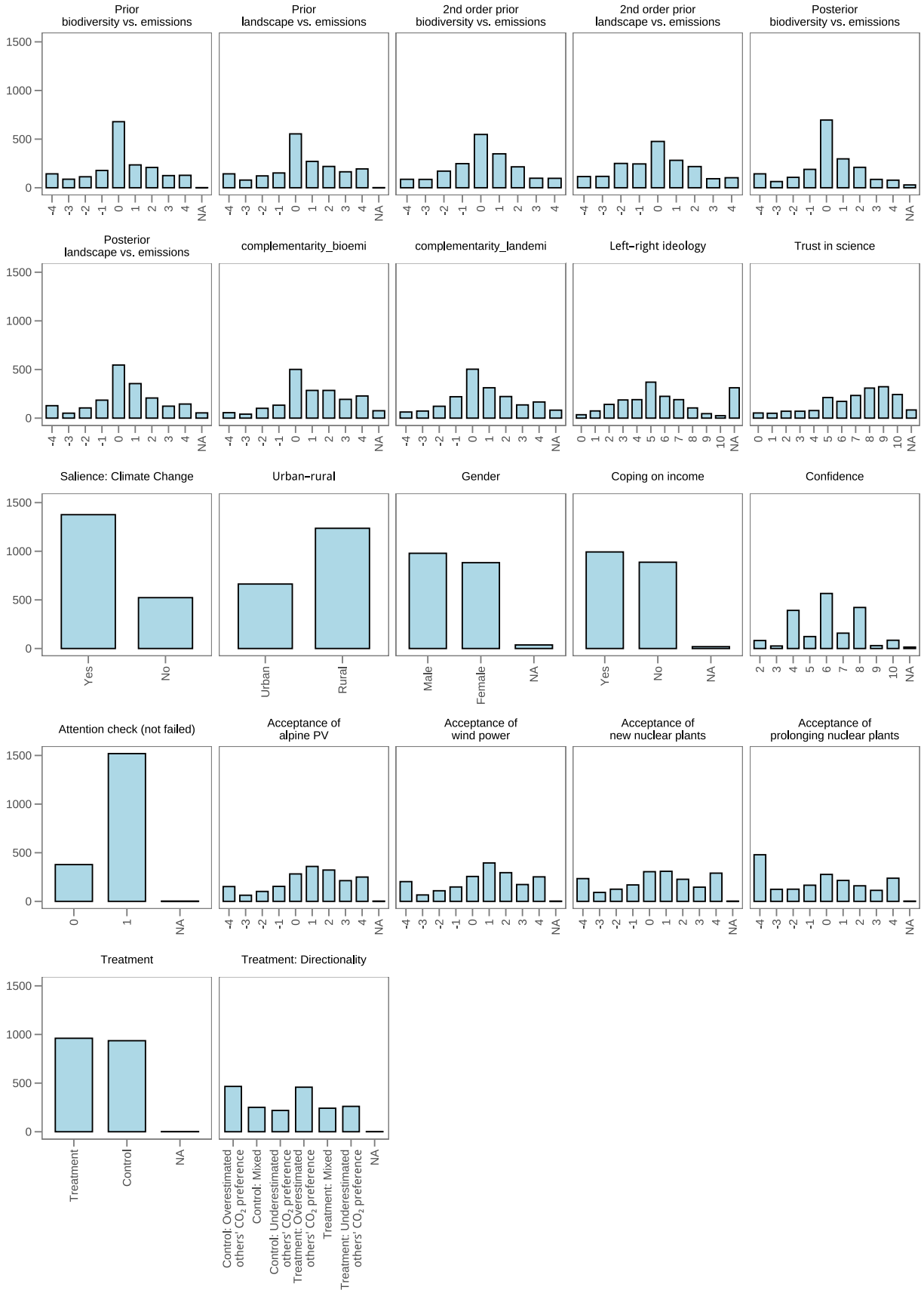

Fig. 2 – Count of the variables used in the analysis.

Table 1 – Summary statistics

Statistic	N	Mean	St. Dev.	Min	Max
1st-order prior biodiversity vs. emissions	1,898	0.158	2.042	−4	4
1st-order prior landscape vs. emissions	1,898	0.407	2.184	−4	4
2nd order prior biodiversity vs. emissions	1,899	0.140	1.879	−4	4
2nd order prior landscape vs. emissions	1,899	−0.077	2.023	−4	4
Posterior biodiversity vs. emissions	1,870	0.064	1.884	−4	4
Posterior landscape vs. emissions	1,845	0.357	2.015	−4	4
Complementarity biodiversity conservation + emission reductions	1,823	0.913	1.973	−4	4
Complementarity landscape protection + emission reductions	1,817	0.491	1.965	−4	4
Left–right ideology	1,587	4.855	2.178	0	10
Trust in science	1,815	6.749	2.646	0	10
Salience: Climate Change	1,899	0.725	0.447	0	1
Urban–rural	1,899	0.651	0.477	0	1
Gender (male yes)	1,862	1.526	0.499	1	2
Coping on income (yes)	1,880	0.528	0.499	0	1
Confidence	1,884	6.063	1.887	2	10
Attention check (not failed)	1,897	0.801	0.400	0	1
Acceptance of alpine PV	1,897	0.784	2.292	−4	4
Acceptance of wind power	1,897	0.599	2.399	−4	4
Acceptance of new nuclear plants	1,897	0.385	2.529	−4	4
Acceptance of prolonging nuclear plants	1,897	−0.463	2.786	−4	4
Treatment	1,897	1.507	0.500	1	2
Treatment directionality: Overestimated others' emission reduction preference	1,899	0.487	0.500	0	1
Treatment directionality: Mixed	1,899	0.260	0.439	0	1
Treatment directionality: Underestimated others' emission reduction preference	1,899	0.253	0.435	0	1

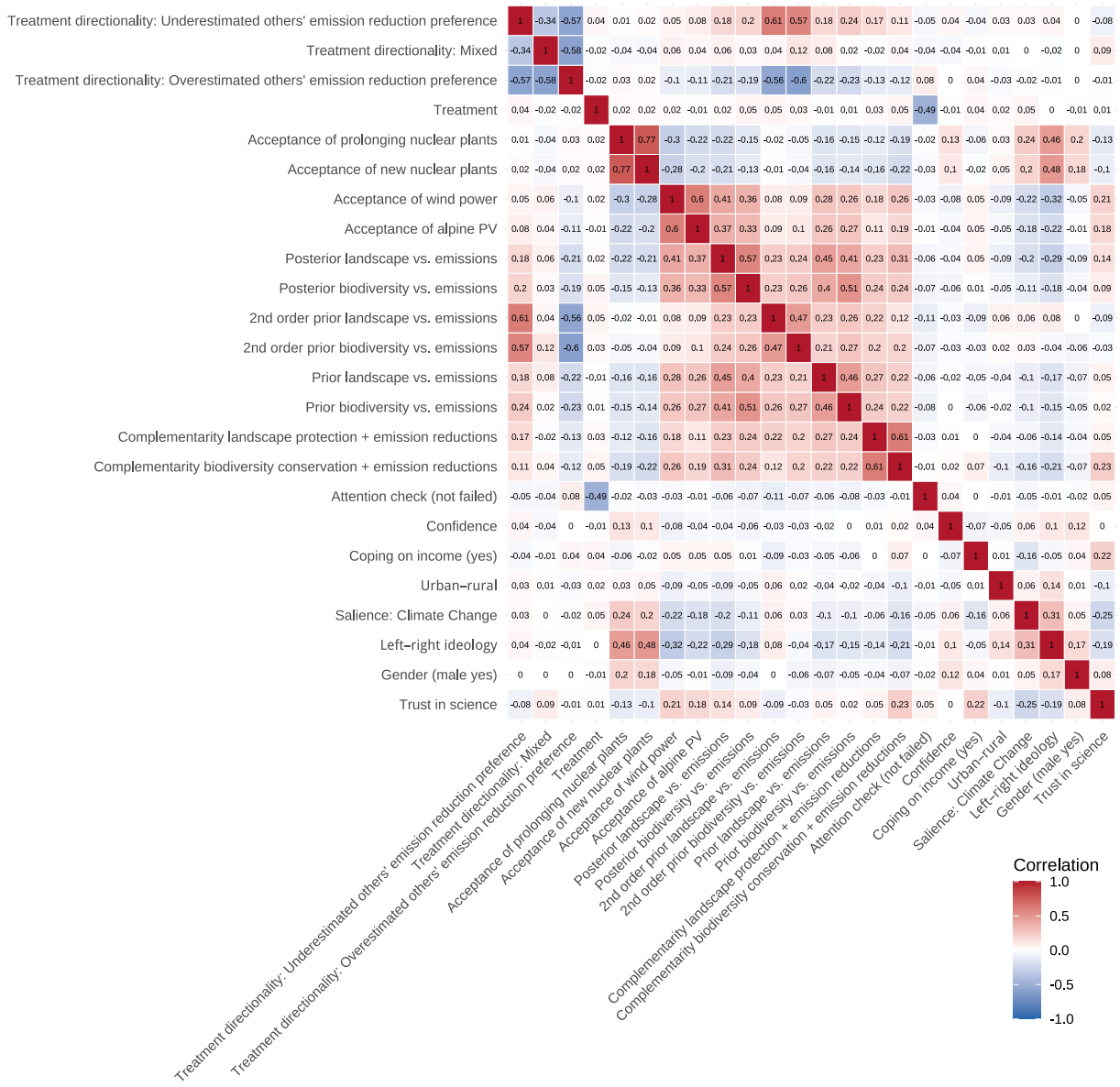

Fig. 3 – Correlation heatmap of the variables. Categorical variables were transformed into numeric variables and missing values were excluded.

Explaining prior beliefs

	Prior biodiversity vs. emissions	Prior landscape vs. emissions	2nd order prior biodiversity vs. emissions	2nd order prior landscape vs. emissions
Intercept	1.11***	1.48***	0.84**	0.61*
	(0.28)	(0.30)	(0.26)	(0.28)
Left–right ideology	−0.12***	−0.13***	−0.04	0.05
	(0.03)	(0.03)	(0.02)	(0.03)
Trust in science	0.01	0.04	−0.02	−0.05*
	(0.02)	(0.02)	(0.02)	(0.02)
climate_salienceYes	−0.42***	−0.41**	0.10	0.02
	(0.12)	(0.13)	(0.11)	(0.12)
urban_rural_binaryurban	−0.09	0.02	−0.05	−0.25*
	(0.11)	(0.12)	(0.10)	(0.11)
Gender (male yes)	−0.09	−0.13	−0.24*	−0.00
	(0.11)	(0.11)	(0.10)	(0.10)
Coping on income (yes)	−0.22*	−0.29*	−0.15	−0.31**
	(0.11)	(0.11)	(0.10)	(0.11)
Confidence	0.01	−0.04	−0.04	−0.06*
	(0.03)	(0.03)	(0.03)	(0.03)
R^2	0.03	0.04	0.01	0.02
Adj. R^2	0.03	0.04	0.01	0.02
Num. obs.	1536	1536	1536	1536

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 2 – Determinants of prior beliefs: ideology, trust in science, and covariates

Social influence

	Posterior biodiversity vs. emissions	Posterior landscape vs. emissions
Intercept	−0.03	0.31***
	(0.06)	(0.07)
Treatment (yes)	0.13	0.05
	(0.09)	(0.10)
R^2	0.00	0.00
Adj. R^2	0.00	−0.00
Num. obs.	1642	1627

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 3 – Social influence: biodiversity and land-use beliefs, treatment-control comparison

	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions
Intercept	-0.45^{***}	-0.95^{***}	-0.87^{***}	-0.24	0.14	0.31	0.30	0.71^{*}
	(0.09)	(0.14)	(0.15)	(0.21)	(0.25)	(0.29)	(0.29)	(0.33)
Control: mixed	0.51^{***}	0.50^{***}	0.50^{***}	0.56^{***}	0.56^{***}	0.57^{***}	0.58^{***}	0.57^{***}
	(0.15)	(0.15)	(0.15)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)
Control: others support emission reductions more than expected	1.25^{***}	1.26^{***}	1.27^{***}	1.16^{***}	1.12^{***}	1.13^{***}	1.13^{***}	1.14^{***}
	(0.15)	(0.16)	(0.16)	(0.17)	(0.17)	(0.17)	(0.17)	(0.17)
Treatment: others support emission reductions more than expected	0.29^{*}	0.30^{*}	0.30^{*}	0.30^{*}	0.29^{*}	0.30^{*}	0.30^{*}	0.30^{*}
	(0.12)	(0.12)	(0.13)	(0.13)	(0.14)	(0.14)	(0.14)	(0.14)
Treatment: mixed	0.69^{***}	0.64^{***}	0.63^{***}	0.68^{***}	0.68^{***}	0.68^{***}	0.68^{***}	0.68^{***}
	(0.15)	(0.15)	(0.15)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)
Treatment: others support emission reductions less than expected	1.08^{***}	1.07^{***}	1.09^{***}	1.05^{***}	1.02^{***}	1.02^{***}	1.02^{***}	1.02^{***}
	(0.14)	(0.15)	(0.15)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)
Trust in science		0.07^{***}	0.08^{***}	0.07^{***}	0.09^{***}	0.09^{***}	0.09^{***}	0.08^{***}
		(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Gender (male yes)			-0.21^{*}	-0.11	-0.12	-0.12	-0.12	-0.11
			(0.09)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)
Left–right ideology				-0.14^{***}	-0.14^{***}	-0.14^{***}	-0.14^{***}	-0.13^{***}
				(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Education (numeric)					-0.16^{**}	-0.17^{**}	-0.18^{**}	-0.17^{**}
					(0.05)	(0.05)	(0.06)	(0.06)
Urban–rural scale						-0.05	-0.05	-0.06
						(0.05)	(0.05)	(0.05)
Coping on income (yes)							0.08	0.05
							(0.10)	(0.10)
Confidence								-0.07^{**}
								(0.03)
R^2	0.05	0.06	0.06	0.09	0.09	0.09	0.09	0.10
Adj. R^2	0.05	0.06	0.06	0.08	0.09	0.09	0.09	0.09
Num. obs.	1870	1795	1780	1528	1488	1485	1485	1481

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 4 – Social influence: biodiversity beliefs, treatment direction

	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions
Intercept	−0.19*	−0.99***	−0.84***	0.44*	0.40	0.64*	0.62*	0.74*
	(0.09)	(0.15)	(0.16)	(0.22)	(0.26)	(0.30)	(0.30)	(0.34)
Control: mixed	0.78***	0.76***	0.75***	0.68***	0.69***	0.70***	0.71***	0.71***
	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)
Control: others support emission reductions more than expected	1.25***	1.29***	1.30***	1.14***	1.10***	1.11***	1.14***	1.14***
	(0.16)	(0.17)	(0.17)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)
Treatment: others support emission reductions more than expected	0.23	0.25	0.25	0.22	0.24	0.24	0.23	0.23
	(0.13)	(0.13)	(0.13)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)
Treatment: mixed	0.69***	0.68***	0.67***	0.62***	0.60***	0.61***	0.61***	0.61***
	(0.16)	(0.16)	(0.16)	(0.17)	(0.17)	(0.17)	(0.17)	(0.17)
Treatment: others support emission reductions less than expected	1.11***	1.11***	1.13***	1.09***	1.10***	1.12***	1.12***	1.12***
	(0.15)	(0.15)	(0.15)	(0.16)	(0.17)	(0.17)	(0.17)	(0.17)
Trust in science		0.12***	0.12***	0.10***	0.09***	0.09***	0.09***	0.09***
		(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Gender (male yes)			−0.40***	−0.18	−0.19	−0.20	−0.20*	−0.19
			(0.09)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)
Left–right ideology				−0.25***	−0.26***	−0.25***	−0.25***	−0.25***
				(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Education (numeric)					0.05	0.03	0.00	0.01
					(0.06)	(0.06)	(0.06)	(0.06)
Urban–rural scale						−0.08	−0.09	−0.09
						(0.05)	(0.05)	(0.05)
Coping on income (yes)							0.27**	0.26*
							(0.10)	(0.10)
Confidence								−0.02
								(0.03)
R^2	0.05	0.07	0.08	0.15	0.15	0.15	0.15	0.15
Adj. R^2	0.05	0.07	0.08	0.14	0.14	0.14	0.15	0.15
Num. obs.	1845	1776	1761	1515	1476	1473	1473	1469

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 5 – Social influence: land-use beliefs, treatment direction

Social influence: robustness checks, gap to true value

	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions	Posterior biodiversity vs. emissions
Intercept	0.14	−0.40**	−0.34*	0.37	0.61*	0.73*	0.73*	1.13**
	(0.07)	(0.14)	(0.15)	(0.22)	(0.26)	(0.31)	(0.31)	(0.35)
Gap to true value: Biodiversity vs. emissions	0.22***	0.22***	0.22***	0.18***	0.18***	0.18***	0.18***	0.18***
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Treatment (yes)	−0.04	−0.07	−0.07	0.02	0.04	0.05	0.05	0.05
	(0.12)	(0.12)	(0.12)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
Gap to true value: Landscape vs. emissions	0.15***	0.16***	0.16***	0.16***	0.15***	0.15***	0.15***	0.15***
	(0.03)	(0.03)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Gap to true value: Biodiversity vs. emissions ×Treatment (yes)	−0.04	−0.05	−0.05	−0.07	−0.07	−0.07	−0.07	−0.07
	(0.06)	(0.06)	(0.06)	(0.06)	(0.07)	(0.07)	(0.07)	(0.07)
Gap to true value: Landscape vs. emissions ×Treatment (yes)	−0.09	−0.11	−0.11*	−0.04	−0.03	−0.03	−0.03	−0.03
	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)
Trust in science		0.08***	0.08***	0.08***	0.09***	0.09***	0.09***	0.08***
		(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Gender (male yes)			−0.14	−0.06	−0.06	−0.06	−0.06	−0.04
			(0.10)	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)
Left–right ideology				−0.15***	−0.15***	−0.15***	−0.15***	−0.14***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.11	−0.11	−0.12	−0.11
					(0.06)	(0.06)	(0.06)	(0.06)
Urban–rural scale						−0.04	−0.04	−0.05
						(0.05)	(0.05)	(0.05)
Coping on income (yes)							0.02	−0.01
							(0.11)	(0.11)
Confidence								−0.06*
								(0.03)
R^2	0.08	0.09	0.09	0.11	0.11	0.11	0.11	0.12
Adj. R^2	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.11
Num. obs.	1492	1445	1433	1234	1202	1201	1201	1197

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 6 – Robustness checks for social influence: biodiversity beliefs, gap to true value (true value - own prior belief)

	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions	Posterior landscape vs. emissions
Intercept	0.52***	−0.31*	−0.16	1.15***	0.91***	1.04***	1.03**	1.08**
	(0.08)	(0.15)	(0.16)	(0.23)	(0.27)	(0.32)	(0.32)	(0.36)
Gap to true value:								
Biodiversity vs. emissions	0.21***	0.20***	0.20***	0.16***	0.16***	0.16***	0.16***	0.16***
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Treatment (yes)	−0.14	−0.17	−0.18	−0.12	−0.09	−0.09	−0.11	−0.10
	(0.13)	(0.13)	(0.13)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)
Gap to true value:								
Landscape vs. emissions	0.19***	0.21***	0.21***	0.20***	0.20***	0.20***	0.20***	0.20***
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Gap to true value:								
Biodiversity vs. emissions								
×Treatment (yes)	−0.04	−0.05	−0.05	−0.07	−0.08	−0.08	−0.08	−0.08
	(0.06)	(0.06)	(0.06)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)
Gap to true value:								
Landscape vs. emissions								
×Treatment (yes)	−0.09	−0.10	−0.10	−0.04	−0.03	−0.03	−0.04	−0.04
	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)
Trust in science		0.12***	0.13***	0.11***	0.10***	0.09***	0.09***	0.09***
		(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Gender (male yes)			−0.39***	−0.16	−0.17	−0.18	−0.18	−0.18
			(0.10)	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)
Left–right ideology				−0.27***	−0.27***	−0.27***	−0.27***	−0.27***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					0.12	0.11	0.08	0.08
					(0.06)	(0.06)	(0.06)	(0.06)
Urban–rural scale						−0.04	−0.05	−0.05
						(0.05)	(0.05)	(0.05)
Coping on income (yes)							0.31**	0.30**
							(0.11)	(0.11)
Confidence								−0.01
								(0.03)
R^2	0.08	0.11	0.12	0.18	0.18	0.18	0.19	0.19
Adj. R^2	0.08	0.10	0.11	0.17	0.18	0.18	0.18	0.18
Num. obs.	1481	1433	1421	1225	1194	1193	1193	1189

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 7 – Robustness checks for social influence: land-use beliefs, gap to true value (true value - own prior belief)

Causal effect of information treatment on renewable energy technology acceptance

	Acceptance of alpine PV	Acceptance of wind power	Acceptance of new nuclear plants	Acceptance of prolonging nuclear plants
Intercept	0.80^{***}	0.56^{***}	0.32^{***}	-0.51^{***}
	(0.07)	(0.08)	(0.08)	(0.09)
Treatment (yes)	−0.04	0.08	0.12	0.10
	(0.11)	(0.11)	(0.12)	(0.13)
R^2	0.00	0.00	0.00	0.00
Adj. R^2	−0.00	−0.00	0.00	−0.00
Num. obs.	1897	1897	1897	1897

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 8 – Acceptance of renewable energy technologies: treatment-control comparison

	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV
Intercept	0.55***	−0.52**	−0.47**	0.55*	0.62*	0.92**	0.91*	1.10**
	(0.11)	(0.17)	(0.18)	(0.26)	(0.31)	(0.35)	(0.35)	(0.40)
Control: mixed	0.36*	0.28	0.31	0.28	0.28	0.29	0.30	0.27
	(0.18)	(0.18)	(0.18)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)
Control: others support emission reductions more than expected	0.68***	0.78***	0.77***	0.70***	0.70***	0.71***	0.72***	0.70***
	(0.19)	(0.19)	(0.19)	(0.20)	(0.21)	(0.21)	(0.21)	(0.21)
Treatment: others support emission reductions more than expected	−0.04	−0.05	−0.05	−0.14	−0.14	−0.15	−0.15	−0.18
	(0.15)	(0.15)	(0.15)	(0.16)	(0.17)	(0.17)	(0.17)	(0.17)
Treatment: mixed	0.43*	0.35	0.34	0.27	0.28	0.29	0.29	0.27
	(0.18)	(0.18)	(0.18)	(0.19)	(0.20)	(0.20)	(0.20)	(0.20)
Treatment: others support emission reductions less than expected	0.46**	0.46**	0.48**	0.39*	0.35	0.37	0.37	0.35
	(0.18)	(0.18)	(0.18)	(0.19)	(0.20)	(0.20)	(0.20)	(0.20)
Trust in science		0.16***	0.16***	0.15***	0.15***	0.15***	0.15***	0.15***
		(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)
Gender (male yes)			−0.08	0.02	0.03	0.03	0.02	0.03
			(0.11)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)
Left–right ideology				−0.20***	−0.20***	−0.20***	−0.20***	−0.19***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.03	−0.05	−0.06	−0.07
					(0.07)	(0.07)	(0.07)	(0.07)
Urban–rural scale						−0.10	−0.10	−0.10
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.15	0.14
							(0.12)	(0.12)
Confidence								−0.03
								(0.03)
R^2	0.01	0.05	0.05	0.08	0.08	0.09	0.09	0.09
Adj. R^2	0.01	0.04	0.04	0.08	0.08	0.08	0.08	0.08
Num. obs.	1897	1815	1799	1543	1502	1499	1499	1493

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 9 – Acceptance of alpine PV energy technology: treatment direction

	Acceptance of alpine PV	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power
Intercept	0.55***	−1.01***	−0.90***	0.69**	0.78*	1.07**	1.07**	1.55***
	(0.11)	(0.18)	(0.19)	(0.26)	(0.31)	(0.35)	(0.35)	(0.40)
Control: mixed	0.36*	0.38*	0.40*	0.33	0.33	0.34	0.35	0.31
	(0.18)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)
Control: others support emission reductions more than expected	0.68***	0.65***	0.66***	0.58**	0.58**	0.59**	0.59**	0.58**
	(0.19)	(0.20)	(0.20)	(0.20)	(0.21)	(0.21)	(0.21)	(0.21)
Treatment: others support emission reductions more than expected	−0.04	0.10	0.12	−0.02	−0.05	−0.04	−0.05	−0.08
	(0.15)	(0.16)	(0.16)	(0.16)	(0.17)	(0.17)	(0.17)	(0.17)
Treatment: mixed	0.43*	0.52**	0.51**	0.48*	0.52**	0.53**	0.53**	0.50*
	(0.18)	(0.19)	(0.19)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)
Treatment: others support emission reductions less than expected	0.46**	0.55**	0.57**	0.45*	0.45*	0.46*	0.46*	0.43*
	(0.18)	(0.18)	(0.19)	(0.19)	(0.20)	(0.20)	(0.20)	(0.20)
Trust in science		0.19***	0.20***	0.18***	0.18***	0.18***	0.18***	0.18***
		(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)
Gender (male yes)			−0.29**	−0.13	−0.13	−0.13	−0.13	−0.10
			(0.11)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)
Left–right ideology				−0.30***	−0.31***	−0.30***	−0.30***	−0.30***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.02	−0.04	−0.04	−0.05
					(0.07)	(0.07)	(0.07)	(0.07)
Urban–rural scale						−0.09	−0.09	−0.09
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.06	0.05
							(0.12)	(0.12)
Confidence								−0.08*
								(0.03)
R^2	0.01	0.06	0.06	0.14	0.14	0.15	0.15	0.15
Adj. R^2	0.01	0.05	0.05	0.14	0.14	0.14	0.14	0.14
Num. obs.	1897	1815	1799	1543	1502	1499	1499	1493

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 10 – Acceptance of wind energy technology: treatment direction

	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants
Intercept	0.42***	1.07***	0.64**	−2.32***	−2.28***	−2.26***	−2.26***	−2.79***
	(0.12)	(0.19)	(0.20)	(0.26)	(0.31)	(0.36)	(0.36)	(0.40)
Control: mixed	−0.28	−0.24	−0.28	−0.12	−0.11	−0.11	−0.11	−0.08
	(0.20)	(0.20)	(0.20)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)
Control: others support emission reductions more than expected	−0.09	−0.13	−0.14	0.02	0.02	0.01	0.02	0.03
	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
Treatment: others support emission reductions more than expected	0.02	−0.02	−0.03	0.15	0.15	0.16	0.16	0.17
	(0.17)	(0.17)	(0.17)	(0.16)	(0.17)	(0.17)	(0.17)	(0.17)
Treatment: mixed	−0.09	−0.05	−0.03	0.09	0.05	0.05	0.05	0.07
	(0.20)	(0.21)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)
Treatment: others support emission reductions less than expected	0.14	0.10	0.08	−0.01	−0.09	−0.10	−0.10	−0.08
	(0.20)	(0.20)	(0.20)	(0.19)	(0.20)	(0.20)	(0.20)	(0.20)
Trust in science		−0.09***	−0.11***	−0.04	−0.03	−0.03	−0.04	−0.03
		(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			1.00***	0.57***	0.56***	0.57***	0.57***	0.55***
			(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)
Left–right ideology				0.54***	0.55***	0.55***	0.55***	0.54***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.05	−0.05	−0.06	−0.05
					(0.07)	(0.07)	(0.07)	(0.07)
Urban–rural scale						−0.00	−0.00	0.01
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.06	0.09
							(0.12)	(0.12)
Confidence								0.08**
								(0.03)
R^2	0.00	0.01	0.05	0.25	0.25	0.25	0.25	0.25
Adj. R^2	−0.00	0.01	0.05	0.24	0.24	0.24	0.24	0.25
Num. obs.	1897	1815	1799	1543	1502	1499	1499	1493

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 11 – Acceptance of new nuclear energy technology: treatment direction

	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants
Intercept	−0.41**	0.52*	0.01	−3.03***	−3.19***	−2.90***	−2.88***	−3.64***
	(0.13)	(0.21)	(0.22)	(0.29)	(0.34)	(0.39)	(0.39)	(0.44)
Control: mixed	−0.28	−0.27	−0.33	−0.12	−0.11	−0.11	−0.12	−0.07
	(0.22)	(0.22)	(0.22)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
Control: others support emission reductions more than expected	−0.10	−0.15	−0.16	−0.01	0.00	0.01	−0.01	0.01
	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)
Treatment: others support emission reductions more than expected	0.08	0.02	0.01	0.18	0.20	0.21	0.22	0.24
	(0.18)	(0.19)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)
Treatment: mixed	−0.23	−0.14	−0.12	−0.04	−0.07	−0.06	−0.06	−0.02
	(0.22)	(0.23)	(0.22)	(0.22)	(0.22)	(0.22)	(0.22)	(0.22)
Treatment: others support emission reductions less than expected	0.08	0.01	−0.01	−0.17	−0.22	−0.22	−0.22	−0.18
	(0.22)	(0.22)	(0.21)	(0.21)	(0.22)	(0.22)	(0.22)	(0.22)
Trust in science		−0.14***	−0.15***	−0.09***	−0.09**	−0.09**	−0.09**	−0.08**
		(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			1.21***	0.78***	0.76***	0.77***	0.77***	0.74***
			(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
Left–right ideology				0.56***	0.57***	0.57***	0.57***	0.56***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					0.03	0.01	0.04	0.04
					(0.07)	(0.07)	(0.08)	(0.08)
Urban–rural scale						−0.09	−0.08	−0.07
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							−0.22	−0.18
							(0.13)	(0.13)
Confidence								0.11***
								(0.03)
R^2	0.00	0.02	0.06	0.24	0.24	0.25	0.25	0.25
Adj. R^2	−0.00	0.02	0.06	0.24	0.24	0.24	0.24	0.25
Num. obs.	1897	1815	1799	1543	1502	1499	1499	1493

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 12 – Acceptance of prolonging nuclear energy technology: treatment direction

Causal effect of information treatment on renewable energy technology acceptance: robustness checks, speeders excluded

	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV
Intercept	0.55***	−0.61***	−0.55**	0.60*	0.66*	0.94**	0.93*	1.10**
	(0.11)	(0.18)	(0.19)	(0.27)	(0.32)	(0.36)	(0.37)	(0.41)
Control: mixed	0.36*	0.28	0.31	0.28	0.28	0.29	0.29	0.27
	(0.18)	(0.18)	(0.18)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)
Control: others support emission reductions more than expected	0.68***	0.78***	0.78***	0.70***	0.69***	0.70***	0.72***	0.70***
	(0.19)	(0.19)	(0.19)	(0.20)	(0.21)	(0.21)	(0.21)	(0.21)
Treatment: others support emission reductions more than expected	0.00	−0.05	−0.04	−0.12	−0.12	−0.12	−0.13	−0.14
	(0.16)	(0.16)	(0.16)	(0.17)	(0.17)	(0.17)	(0.17)	(0.17)
Treatment: mixed	0.51**	0.38*	0.37	0.34	0.35	0.36	0.36	0.34
	(0.19)	(0.19)	(0.19)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)
Treatment: others support emission reductions less than expected	0.40*	0.38*	0.40*	0.33	0.31	0.34	0.34	0.32
	(0.19)	(0.19)	(0.19)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)
Trust in science		0.17***	0.17***	0.15***	0.15***	0.15***	0.14***	0.14***
		(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			−0.10	0.01	0.04	0.03	0.03	0.03
			(0.11)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)
Left–right ideology				−0.21***	−0.21***	−0.20***	−0.20***	−0.20***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.02	−0.03	−0.05	−0.05
					(0.07)	(0.07)	(0.07)	(0.07)
Urban–rural scale						−0.09	−0.10	−0.10
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.14	0.12
							(0.12)	(0.12)
Confidence								−0.02
								(0.03)
R^2	0.01	0.05	0.05	0.09	0.09	0.09	0.09	0.09
Adj. R^2	0.01	0.05	0.04	0.08	0.08	0.08	0.08	0.08
Num. obs.	1756	1696	1680	1468	1434	1432	1432	1427

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 13 – Robustness checks for acceptance of alpine PV: treatment direction, speeders excluded

	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power
Intercept	0.32**	−1.14***	−1.04***	0.67*	0.73*	0.98**	0.97**	1.43***
	(0.11)	(0.19)	(0.19)	(0.27)	(0.32)	(0.36)	(0.37)	(0.41)
Control: mixed	0.41*	0.38*	0.39*	0.33	0.33	0.34	0.34	0.31
	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)
Control: others support emission reductions more than expected	0.54**	0.66***	0.67***	0.58**	0.59**	0.59**	0.60**	0.58**
	(0.20)	(0.20)	(0.20)	(0.20)	(0.21)	(0.21)	(0.21)	(0.21)
Treatment: others support emission reductions more than expected	0.13	0.09	0.12	0.00	−0.02	−0.01	−0.02	−0.04
	(0.17)	(0.16)	(0.17)	(0.17)	(0.17)	(0.17)	(0.17)	(0.17)
Treatment: mixed	0.64**	0.51*	0.50*	0.53**	0.56**	0.57**	0.58**	0.55**
	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)
Treatment: others support emission reductions less than expected	0.39*	0.40*	0.43*	0.37	0.37	0.39	0.39	0.36
	(0.20)	(0.19)	(0.19)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)
Trust in science		0.21***	0.22***	0.18***	0.18***	0.18***	0.17***	0.17***
		(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			−0.28*	−0.13	−0.12	−0.13	−0.13	−0.11
			(0.11)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)
Left–right ideology				−0.30***	−0.31***	−0.30***	−0.30***	−0.30***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.00	−0.02	−0.02	−0.03
					(0.07)	(0.07)	(0.07)	(0.07)
Urban–rural scale						−0.08	−0.08	−0.09
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.08	0.06
							(0.12)	(0.12)
Confidence								−0.07*
								(0.03)
R^2	0.01	0.06	0.06	0.15	0.15	0.15	0.15	0.15
Adj. R^2	0.01	0.06	0.06	0.14	0.14	0.14	0.14	0.14
Num. obs.	1756	1696	1680	1468	1434	1432	1432	1427

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 14 – Robustness checks for acceptance of wind: treatment direction, speeders excluded

	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants
Intercept	0.42***	1.10***	0.67**	−2.59***	−2.53***	−2.41***	−2.41***	−2.92***
	(0.12)	(0.20)	(0.21)	(0.27)	(0.32)	(0.37)	(0.37)	(0.42)
Control: mixed	−0.28	−0.24	−0.28	−0.12	−0.11	−0.11	−0.10	−0.08
	(0.20)	(0.20)	(0.20)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)
Control: others support emission reductions more than expected	−0.09	−0.14	−0.14	0.04	0.03	0.03	0.04	0.05
	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
Treatment: others support emission reductions more than expected	0.01	0.00	−0.00	0.14	0.14	0.15	0.15	0.16
	(0.18)	(0.18)	(0.18)	(0.17)	(0.17)	(0.17)	(0.17)	(0.17)
Treatment: mixed	−0.14	−0.09	−0.08	0.03	0.02	0.02	0.03	0.05
	(0.21)	(0.22)	(0.21)	(0.20)	(0.20)	(0.20)	(0.20)	(0.21)
Treatment: others support emission reductions less than expected	0.10	0.09	0.08	−0.05	−0.12	−0.11	−0.11	−0.09
	(0.21)	(0.21)	(0.21)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)
Trust in science		−0.10***	−0.11***	−0.02	−0.02	−0.02	−0.02	−0.02
		(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			1.01***	0.58***	0.57***	0.58***	0.58***	0.55***
			(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)
Left–right ideology				0.57***	0.57***	0.58***	0.58***	0.57***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.05	−0.05	−0.06	−0.06
					(0.07)	(0.07)	(0.07)	(0.07)
Urban–rural scale						−0.03	−0.03	−0.03
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.08	0.10
							(0.13)	(0.13)
Confidence								0.08*
								(0.03)
R^2	0.00	0.01	0.05	0.26	0.26	0.26	0.26	0.26
Adj. R^2	−0.00	0.01	0.05	0.25	0.25	0.25	0.25	0.26
Num. obs.	1756	1696	1680	1468	1434	1432	1432	1427

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 15 – Robustness checks for acceptance of new nuclear: treatment direction, speeders excluded

	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants
Intercept	−0.41**	0.54*	0.01	−3.33***	−3.45***	−3.08***	−3.06***	−3.80***
	(0.13)	(0.22)	(0.23)	(0.30)	(0.35)	(0.40)	(0.40)	(0.45)
Control: mixed	−0.28	−0.27	−0.33	−0.12	−0.12	−0.11	−0.12	−0.07
	(0.22)	(0.22)	(0.22)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
Control: others support emission reductions more than expected	−0.10	−0.15	−0.16	0.01	0.02	0.02	0.01	0.03
	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)
Treatment: others support emission reductions more than expected	0.00	0.00	−0.00	0.13	0.15	0.17	0.18	0.20
	(0.19)	(0.20)	(0.19)	(0.18)	(0.19)	(0.19)	(0.19)	(0.19)
Treatment: mixed	−0.38	−0.28	−0.27	−0.17	−0.16	−0.15	−0.15	−0.11
	(0.23)	(0.24)	(0.23)	(0.22)	(0.22)	(0.22)	(0.22)	(0.22)
Treatment: others support emission reductions less than expected	−0.05	−0.05	−0.06	−0.25	−0.29	−0.27	−0.27	−0.22
	(0.23)	(0.23)	(0.23)	(0.22)	(0.22)	(0.22)	(0.22)	(0.22)
Trust in science		−0.14***	−0.16***	−0.06*	−0.07*	−0.07*	−0.07*	−0.07*
		(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			1.26***	0.79***	0.79***	0.79***	0.79***	0.76***
			(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
Left–right ideology				0.59***	0.59***	0.60***	0.60***	0.59***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					0.03	0.01	0.03	0.04
					(0.07)	(0.07)	(0.08)	(0.08)
Urban–rural scale						−0.11	−0.11	−0.10
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							−0.19	−0.16
							(0.14)	(0.14)
Confidence								0.11**
								(0.03)
R^2	0.00	0.02	0.07	0.25	0.26	0.26	0.26	0.26
Adj. R^2	−0.00	0.02	0.06	0.25	0.25	0.25	0.25	0.26
Num. obs.	1756	1696	1680	1468	1434	1432	1432	1427

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 16 – Robustness checks for acceptance of prolonging nuclear: treatment direction, speeders excluded

Causal effect of information treatment on renewable energy technology acceptance: robustness checks, only respondents who passed the attention checks

	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV
Intercept	0.55***	−0.50**	−0.45*	0.57*	0.65	0.83*	0.82*	1.18**
	(0.11)	(0.18)	(0.19)	(0.28)	(0.33)	(0.38)	(0.38)	(0.44)
Control: mixed	0.36*	0.28	0.31	0.28	0.28	0.29	0.29	0.27
	(0.18)	(0.18)	(0.18)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)
Control: others support emission reductions more than expected	0.68***	0.77***	0.77***	0.70***	0.69***	0.70***	0.71***	0.70***
	(0.19)	(0.19)	(0.19)	(0.20)	(0.21)	(0.21)	(0.21)	(0.21)
Treatment: others support emission reductions more than expected	−0.04	−0.04	−0.06	−0.12	−0.11	−0.11	−0.11	−0.14
	(0.17)	(0.17)	(0.17)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)
Treatment: mixed	0.42	0.25	0.24	0.04	0.02	0.03	0.04	0.01
	(0.22)	(0.22)	(0.23)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)
Treatment: others support emission reductions less than expected	0.37	0.34	0.33	0.20	0.18	0.20	0.20	0.18
	(0.21)	(0.21)	(0.21)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)
Trust in science		0.15***	0.16***	0.15***	0.15***	0.14***	0.14***	0.14***
		(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			−0.10	−0.01	0.03	0.03	0.03	0.06
			(0.12)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
Left–right ideology				−0.20***	−0.20***	−0.20***	−0.20***	−0.19***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.02	−0.03	−0.05	−0.05
					(0.07)	(0.07)	(0.08)	(0.08)
Urban–rural scale						−0.06	−0.06	−0.06
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.13	0.10
							(0.13)	(0.14)
Confidence								−0.06
								(0.03)
R^2	0.01	0.04	0.04	0.08	0.08	0.08	0.08	0.08
Adj. R^2	0.01	0.04	0.04	0.08	0.07	0.07	0.07	0.08
Num. obs.	1519	1465	1452	1249	1216	1215	1215	1209

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 17 – Robustness checks for acceptance of alpine PV: treatment direction, only respondents who passed the attention check included

	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power
Intercept	0.32**	−1.08***	−0.95***	0.76**	1.00**	1.34***	1.33***	1.99***
	(0.11)	(0.19)	(0.20)	(0.28)	(0.33)	(0.38)	(0.38)	(0.44)
Control: mixed	0.41*	0.38*	0.40*	0.33	0.33	0.34	0.35	0.31
	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)
Control: others support emission reductions more than expected	0.54**	0.66***	0.66***	0.58**	0.57**	0.58**	0.59**	0.57**
	(0.20)	(0.20)	(0.20)	(0.20)	(0.21)	(0.21)	(0.21)	(0.21)
Treatment: others support emission reductions more than expected	−0.02	0.02	0.03	−0.10	−0.13	−0.13	−0.13	−0.16
	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)
Treatment: mixed	0.58*	0.38	0.35	0.18	0.20	0.21	0.22	0.18
	(0.24)	(0.23)	(0.23)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)
Treatment: others support emission reductions less than expected	0.55*	0.55*	0.53*	0.43	0.48*	0.52*	0.52*	0.49*
	(0.22)	(0.22)	(0.22)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)
Trust in science		0.20***	0.22***	0.19***	0.19***	0.19***	0.18***	0.18***
		(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			−0.41***	−0.26*	−0.23	−0.23	−0.23	−0.18
			(0.12)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
Left–right ideology				−0.32***	−0.33***	−0.32***	−0.32***	−0.31***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.07	−0.08	−0.10	−0.10
					(0.07)	(0.07)	(0.07)	(0.07)
Urban–rural scale						−0.11	−0.11	−0.11
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.10	0.07
							(0.13)	(0.13)
Confidence								−0.10**
								(0.03)
R^2	0.01	0.06	0.07	0.16	0.16	0.16	0.16	0.17
Adj. R^2	0.01	0.06	0.06	0.15	0.15	0.15	0.15	0.16
Num. obs.	1519	1465	1452	1249	1216	1215	1215	1209

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 18 – Robustness checks for acceptance of wind: treatment direction, only respondents who passed the attention check included

	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7	Model 8
Intercept	0.42***	0.92***	0.53*	−2.53***	−2.51***	−2.39***	−2.40***	−2.97***
	(0.12)	(0.21)	(0.21)	(0.28)	(0.33)	(0.39)	(0.39)	(0.44)
Control: mixed	−0.28	−0.24	−0.28	−0.12	−0.11	−0.11	−0.10	−0.08
	(0.20)	(0.20)	(0.20)	(0.19)	(0.19)	(0.19)	(0.19)	(0.19)
Control: others support emission reductions more than expected	−0.09	−0.12	−0.13	0.04	0.03	0.03	0.04	0.05
	(0.21)	(0.21)	(0.21)	(0.20)	(0.21)	(0.21)	(0.21)	(0.21)
Treatment: others support emission reductions more than expected	0.15	0.09	0.07	0.23	0.24	0.24	0.23	0.22
	(0.19)	(0.19)	(0.19)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)
Treatment: mixed	−0.27	−0.20	−0.15	0.14	0.16	0.16	0.16	0.19
	(0.25)	(0.25)	(0.25)	(0.24)	(0.25)	(0.25)	(0.25)	(0.25)
Treatment: others support emission reductions less than expected	−0.15	−0.18	−0.12	−0.19	−0.26	−0.25	−0.25	−0.24
	(0.24)	(0.24)	(0.24)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)
Trust in science		−0.07**	−0.09***	−0.03	−0.02	−0.02	−0.02	−0.02
		(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			1.01***	0.57***	0.56***	0.56***	0.56***	0.53***
			(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
Left–right ideology				0.56***	0.57***	0.57***	0.57***	0.57***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.03	−0.04	−0.05	−0.05
					(0.07)	(0.07)	(0.08)	(0.08)
Urban–rural scale						−0.04	−0.04	−0.02
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.09	0.13
							(0.13)	(0.14)
Confidence								0.09*
								(0.03)
R^2	0.00	0.01	0.05	0.26	0.26	0.26	0.26	0.27
Adj. R^2	0.00	0.00	0.04	0.26	0.26	0.26	0.26	0.26
Num. obs.	1519	1465	1452	1249	1216	1215	1215	1209

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 19 – Robustness checks for acceptance of new nuclear: treatment direction, only respondents who passed the attention check included

	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants
Intercept	−0.41**	0.37	−0.07	−3.16***	−3.28***	−2.98***	−2.96***	−3.60***
	(0.13)	(0.23)	(0.24)	(0.31)	(0.37)	(0.43)	(0.43)	(0.49)
Control: mixed	−0.28	−0.28	−0.33	−0.12	−0.11	−0.10	−0.12	−0.07
	(0.22)	(0.22)	(0.22)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
Control: others support emission reductions more than expected	−0.10	−0.14	−0.16	−0.00	0.01	0.01	−0.01	0.02
	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)
Treatment: others support emission reductions more than expected	0.26	0.17	0.16	0.27	0.30	0.31	0.31	0.31
	(0.21)	(0.21)	(0.21)	(0.20)	(0.20)	(0.20)	(0.20)	(0.21)
Treatment: mixed	−0.46	−0.33	−0.28	0.04	0.06	0.07	0.07	0.10
	(0.28)	(0.28)	(0.27)	(0.27)	(0.27)	(0.27)	(0.27)	(0.27)
Treatment: others support emission reductions less than expected	−0.24	−0.25	−0.18	−0.31	−0.34	−0.31	−0.31	−0.29
	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)
Trust in science		−0.11***	−0.14***	−0.08**	−0.08*	−0.08**	−0.08*	−0.07*
		(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			1.17***	0.69***	0.68***	0.68***	0.68***	0.65***
			(0.14)	(0.14)	(0.15)	(0.15)	(0.15)	(0.15)
Left–right ideology				0.58***	0.59***	0.60***	0.60***	0.59***
				(0.03)	(0.03)	(0.04)	(0.04)	(0.04)
Education (numeric)					0.02	0.01	0.03	0.04
					(0.08)	(0.08)	(0.08)	(0.08)
Urban–rural scale						−0.10	−0.09	−0.08
						(0.07)	(0.07)	(0.07)
Coping on income (yes)							−0.23	−0.19
							(0.15)	(0.15)
Confidence								0.09*
								(0.04)
R^2	0.01	0.02	0.06	0.25	0.25	0.25	0.25	0.26
Adj. R^2	0.00	0.01	0.06	0.24	0.24	0.24	0.25	0.25
Num. obs.	1519	1465	1452	1249	1216	1215	1215	1209

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 20 – Robustness checks for acceptance of prolonging nuclear: treatment direction, only respondents who passed the attention check included

Causal effect of information treatment on renewable energy technology acceptance: robustness checks, gap to true value

	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV
Intercept	0.87***	−0.17	−0.12	0.99***	1.01**	1.22**	1.22**	1.50***
	(0.09)	(0.17)	(0.18)	(0.26)	(0.32)	(0.37)	(0.37)	(0.43)
Gap to true value: Biodiversity vs. emissions	0.10*	0.10*	0.10*	0.05	0.06	0.06	0.06	0.06
	(0.04)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)
Treatment (yes)	−0.06	−0.16	−0.19	−0.27	−0.28	−0.27	−0.28	−0.29
	(0.15)	(0.15)	(0.15)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)
Gap to true value: Landscape vs. emissions	0.06	0.10*	0.11**	0.16***	0.15***	0.15***	0.16***	0.15***
	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)
Gap to true value: Biodiversity vs. emissions ×Treatment (yes)	−0.05	−0.07	−0.07	−0.09	−0.10	−0.10	−0.10	−0.10
	(0.07)	(0.07)	(0.07)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)
Gap to true value: Landscape vs. emissions ×Treatment (yes)	0.01	−0.03	−0.03	−0.03	−0.03	−0.03	−0.03	−0.03
	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)
Trust in science		0.16***	0.16***	0.15***	0.15***	0.15***	0.15***	0.15***
		(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			−0.08	−0.00	0.04	0.04	0.04	0.05
			(0.12)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
Left–right ideology				−0.20***	−0.21***	−0.20***	−0.20***	−0.20***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.01	−0.02	−0.03	−0.04
					(0.07)	(0.07)	(0.07)	(0.08)
Urban–rural scale						−0.06	−0.07	−0.07
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.14	0.12
							(0.13)	(0.13)
Confidence								−0.05
								(0.03)
R^2	0.01	0.05	0.05	0.09	0.09	0.09	0.09	0.09
Adj. R^2	0.01	0.04	0.04	0.08	0.08	0.08	0.08	0.08
Num. obs.	1519	1465	1452	1249	1216	1215	1215	1209

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 21 – Robustness checks for acceptance of alpine PV energy technology: gap to the treatment (true value - prior belief)

	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power
Intercept	0.58***	−0.80***	−0.66***	1.08***	1.26***	1.61***	1.60***	2.19***
	(0.09)	(0.18)	(0.19)	(0.26)	(0.32)	(0.37)	(0.37)	(0.42)
Gap to true value: Biodiversity vs. emissions	0.14**	0.15**	0.14**	0.09	0.10*	0.10*	0.10*	0.10*
	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)
Treatment (yes)	0.08	0.00	−0.01	−0.08	−0.05	−0.04	−0.05	−0.05
	(0.15)	(0.15)	(0.15)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)
Gap to true value: Landscape vs. emissions	0.03	0.06	0.07	0.10*	0.09*	0.09*	0.10*	0.09
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Gap to true value: Biodiversity vs. emissions ×Treatment (yes)	−0.02	−0.07	−0.06	−0.06	−0.07	−0.07	−0.07	−0.07
	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)
Gap to true value: Landscape vs. emissions ×Treatment (yes)	0.05	0.01	0.01	0.03	0.05	0.05	0.05	0.06
	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)
Trust in science		0.21***	0.22***	0.19***	0.19***	0.19***	0.19***	0.19***
		(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			−0.38**	−0.24	−0.22	−0.22	−0.22	−0.17
			(0.12)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
Left–right ideology				−0.32***	−0.33***	−0.32***	−0.32***	−0.31***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.05	−0.07	−0.08	−0.09
					(0.07)	(0.07)	(0.07)	(0.07)
Urban–rural scale						−0.11	−0.11	−0.11
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.11	0.09
							(0.13)	(0.13)
Confidence								−0.10**
								(0.03)
R^2	0.02	0.07	0.07	0.17	0.17	0.17	0.17	0.17
Adj. R^2	0.01	0.06	0.07	0.16	0.16	0.16	0.16	0.17
Num. obs.	1519	1465	1452	1249	1216	1215	1215	1209

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 22 – Robustness checks for acceptance of wind energy technology: gap to the treatment (true value - prior belief)

	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants
Intercept	0.39***	0.91***	0.49*	−2.55***	−2.49***	−2.38***	−2.38***	−2.92***
	(0.10)	(0.19)	(0.20)	(0.27)	(0.32)	(0.37)	(0.38)	(0.43)
Gap to true value:								
Biodiversity vs. emissions	−0.12*	−0.13**	−0.11*	−0.06	−0.06	−0.06	−0.06	−0.06
	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)
Treatment (yes)	−0.08	−0.12	−0.09	−0.04	−0.07	−0.06	−0.07	−0.09
	(0.16)	(0.17)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)	(0.16)
Gap to true value:								
Landscape vs. emissions	0.05	0.05	0.04	−0.02	−0.01	−0.01	−0.01	−0.00
	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)
Gap to true value:								
Biodiversity vs. emissions								
×Treatment (yes)	0.06	0.09	0.10	0.07	0.07	0.07	0.07	0.07
	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)
Gap to true value:								
Landscape vs. emissions								
×Treatment (yes)	−0.12	−0.13	−0.13	−0.12	−0.14	−0.14	−0.14	−0.15
	(0.08)	(0.08)	(0.08)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)
Trust in science		−0.07**	−0.09***	−0.03	−0.02	−0.02	−0.02	−0.02
		(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			0.99***	0.56***	0.55***	0.55***	0.55***	0.52***
			(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
Left–right ideology				0.56***	0.57***	0.57***	0.57***	0.57***
				(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)					−0.05	−0.05	−0.06	−0.06
					(0.07)	(0.07)	(0.08)	(0.08)
Urban–rural scale						−0.04	−0.04	−0.02
						(0.06)	(0.06)	(0.06)
Coping on income (yes)							0.08	0.12
							(0.13)	(0.14)
Confidence								0.08*
								(0.03)
R^2	0.01	0.01	0.05	0.26	0.27	0.27	0.27	0.27
Adj. R^2	0.00	0.01	0.05	0.26	0.26	0.26	0.26	0.26
Num. obs.	1519	1465	1452	1249	1216	1215	1215	1209

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 23 – Robustness checks for acceptance of nuclear energy technology: gap to the treatment (true value - prior belief)

	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants
Intercept	−0.43***	0.34	−0.13	−3.22***	−3.30***	−3.00***	−2.99***	−3.59***
	(0.11)	(0.21)	(0.22)	(0.30)	(0.35)	(0.42)	(0.42)	(0.48)
Gap to true value:								
Biodiversity vs. emissions	−0.13*	−0.13*	−0.10	−0.02	−0.02	−0.02	−0.02	−0.02
	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)
Treatment (yes)	−0.10	−0.10	−0.06	−0.09	−0.09	−0.08	−0.07	−0.09
	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)
Gap to true value:								
Landscape vs. emissions	0.07	0.05	0.03	−0.03	−0.02	−0.02	−0.03	−0.02
	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)
Gap to true value:								
Biodiversity vs. emissions								
×Treatment (yes)	−0.01	0.01	0.01	−0.01	−0.01	−0.01	−0.01	−0.01
	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)
Gap to true value:								
Landscape vs. emissions								
×Treatment (yes)	−0.15	−0.13	−0.12	−0.15	−0.16	−0.16	−0.16	−0.17*
	(0.08)	(0.09)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)
Trust in science		−0.12***	−0.14***	−0.08**	−0.08**	−0.08**	−0.08*	−0.07*
		(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)			1.15***	0.68***	0.68***	0.68***	0.68***	0.66***
			(0.14)	(0.14)	(0.15)	(0.15)	(0.15)	(0.15)
Left–right ideology				0.59***	0.59***	0.60***	0.60***	0.59***
				(0.03)	(0.03)	(0.04)	(0.04)	(0.04)
Education (numeric)					0.01	−0.01	0.02	0.03
					(0.08)	(0.08)	(0.08)	(0.08)
Urban–rural scale						−0.10	−0.09	−0.08
						(0.07)	(0.07)	(0.07)
Coping on income (yes)							−0.24	−0.20
							(0.15)	(0.15)
Confidence								0.09*
								(0.04)
R^2	0.01	0.02	0.06	0.25	0.25	0.26	0.26	0.26
Adj. R^2	0.01	0.02	0.06	0.25	0.25	0.25	0.25	0.25
Num. obs.	1519	1465	1452	1249	1216	1215	1215	1209

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 24 – Robustness checks for acceptance of prolonging nuclear energy technology: gap to true value (true value - own prior belief)

Causal effect of information treatment on renewable energy technology acceptance: heterogeneous subgroup effects

	Acceptance of alpine PV	Acceptance of wind power	Acceptance of new nuclear plants	Acceptance of prolonging nuclear plants
Intercept	1.29**	1.81***	−3.18***	−3.86***
	(0.47)	(0.46)	(0.47)	(0.51)
Control: mixed	−0.33	0.19	0.21	−0.29
	(0.48)	(0.47)	(0.48)	(0.53)
Control: others support emission reductions more than expected	−0.17	−0.77	0.61	0.50
	(0.55)	(0.55)	(0.55)	(0.60)
Treatment: others support emission reductions more than expected	−0.30	−0.16	0.69	0.48
	(0.41)	(0.41)	(0.41)	(0.45)
Treatment: mixed	0.14	−0.17	0.48	0.50
	(0.49)	(0.49)	(0.49)	(0.54)
Treatment: others support emission reductions less than expected	0.60	0.08	0.68	0.58
	(0.52)	(0.52)	(0.53)	(0.58)
Left–right ideology	−0.23***	−0.36***	0.62***	0.61***
	(0.06)	(0.06)	(0.06)	(0.06)
Trust in science	0.15***	0.17***	−0.03	−0.08**
	(0.03)	(0.03)	(0.03)	(0.03)
Gender (male yes)	0.03	−0.10	0.54***	0.74***
	(0.12)	(0.12)	(0.12)	(0.13)
Education (numeric)	−0.07	−0.05	−0.06	0.04
	(0.07)	(0.07)	(0.07)	(0.08)
Urban–rural scale	−0.10	−0.08	0.00	−0.08
	(0.06)	(0.06)	(0.06)	(0.06)
Coping on income (yes)	0.15	0.04	0.10	−0.17
	(0.12)	(0.12)	(0.12)	(0.13)
Confidence	−0.03	−0.07*	0.08**	0.11***
	(0.03)	(0.03)	(0.03)	(0.03)
Control: mixed×Left–right ideology	0.12	0.02	−0.06	0.05
	(0.09)	(0.09)	(0.09)	(0.10)
Control: others support emission reductions more than expected ×Left–right ideology	0.18	0.28**	−0.12	−0.10
	(0.10)	(0.10)	(0.10)	(0.11)
Treatment: others support emission reductions more than expected ×Left–right ideology	0.02	0.01	−0.11	−0.05
	(0.08)	(0.08)	(0.08)	(0.08)
Treatment: mixed×Left–right ideology	0.03	0.14	−0.08	−0.11
	(0.09)	(0.09)	(0.09)	(0.10)
Treatment: others support emission reductions less than expected ×Left–right ideology	−0.05	0.07	−0.15	−0.15
	(0.09)	(0.09)	(0.10)	(0.10)
R^2	0.09	0.16	0.25	0.26
Adj. R^2	0.08	0.15	0.25	0.25
Num. obs.	1493	1493	1493	1493

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 25 – Acceptance of renewable energy technologies with treatment interactions (left-right ideology)

	Acceptance of alpine PV	Acceptance of wind power	Acceptance of new nuclear plants	Acceptance of prolonging nuclear plants
Intercept	1.15*	1.27**	−2.41***	−3.09***
	(0.49)	(0.49)	(0.50)	(0.54)
Control: mixed	0.22	0.59	−1.23*	−0.89
	(0.60)	(0.60)	(0.60)	(0.66)
Control: others support emission reductions more than expected	0.91	0.78	−0.01	−0.72
	(0.57)	(0.57)	(0.57)	(0.63)
Treatment: others support emission reductions more than expected	−0.46	0.15	−0.40	−0.23
	(0.51)	(0.51)	(0.51)	(0.56)
Treatment: mixed	0.34	1.85**	−0.10	−0.77
	(0.65)	(0.64)	(0.65)	(0.71)
Treatment: others support emission reductions less than expected	0.22	0.73	−0.68	−1.14
	(0.57)	(0.57)	(0.58)	(0.63)
Trust in science	0.14**	0.22***	−0.09	−0.16**
	(0.05)	(0.05)	(0.05)	(0.05)
Gender (male yes)	0.03	−0.10	0.54***	0.74***
	(0.12)	(0.12)	(0.12)	(0.13)
Left–right ideology	−0.19***	−0.30***	0.54***	0.56***
	(0.03)	(0.03)	(0.03)	(0.03)
Education (numeric)	−0.07	−0.05	−0.05	0.05
	(0.07)	(0.07)	(0.07)	(0.08)
Urban–rural scale	−0.10	−0.10	0.01	−0.07
	(0.06)	(0.06)	(0.06)	(0.06)
Coping on income (yes)	0.14	0.04	0.08	−0.18
	(0.12)	(0.12)	(0.12)	(0.13)
Confidence	−0.03	−0.08*	0.08*	0.11***
	(0.03)	(0.03)	(0.03)	(0.03)
Control: mixed×Trust in science	0.01	−0.04	0.16*	0.11
	(0.08)	(0.08)	(0.08)	(0.09)
Control: others support emission reductions more than expected ×Trust in science	−0.03	−0.03	0.00	0.11
	(0.08)	(0.08)	(0.08)	(0.09)
Treatment: others support emission reductions more than expected ×Trust in science	0.04	−0.03	0.08	0.07
	(0.07)	(0.07)	(0.07)	(0.08)
Treatment: mixed×Trust in science	−0.01	−0.18*	0.03	0.11
	(0.08)	(0.08)	(0.08)	(0.09)
Treatment: others support emission reductions less than expected ×Trust in science	0.02	−0.04	0.09	0.14
	(0.08)	(0.08)	(0.08)	(0.09)
R^2	0.09	0.15	0.26	0.26
Adj. R^2	0.08	0.14	0.25	0.25
Num. obs.	1493	1493	1493	1493

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 26 – Acceptance of renewable energy technologies with treatment interactions (trust)

	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV	Acceptance of alpine PV
Intercept	0.59***	1.50***	0.51*	0.77**	0.72**	0.75**	0.68**	0.78*
	(0.06)	(0.15)	(0.23)	(0.25)	(0.25)	(0.25)	(0.26)	(0.31)
prior_bioemi	0.21***	0.20***	0.21***	0.20***	0.20***	0.20***	0.20***	0.20***
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
prior_landemi	0.16***	0.14***	0.14***	0.13***	0.13***	0.14***	0.14***	0.14***
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
prior_bioemi_2nd	−0.02	−0.06	−0.05	−0.05	−0.05	−0.05	−0.05	−0.05
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
prior_landemi_2nd	0.01	0.06	0.07*	0.07*	0.08*	0.08*	0.08**	0.08*
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
complementarity_bioemi	0.18***	0.15***	0.11**	0.10**	0.10**	0.09*	0.09*	0.10**
	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
complementarity_landemi	−0.09*	−0.08*	−0.07	−0.06	−0.06	−0.06	−0.06	−0.07
	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Left–right ideology		−0.17***	−0.14***	−0.12***	−0.12***	−0.12***	−0.13***	−0.12***
		(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Trust in science			0.12***	0.11***	0.11***	0.10***	0.10***	0.10***
			(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
climate_salienceYes				−0.38**	−0.38**	−0.37**	−0.35**	−0.35**
				(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
urban_rural_binaryurban					0.17	0.16	0.17	0.18
					(0.12)	(0.12)	(0.12)	(0.12)
Gender (male yes)						0.08	0.08	0.09
						(0.11)	(0.11)	(0.11)
Coping on income (yes)							0.16	0.15
							(0.11)	(0.11)
Confidence								−0.02
								(0.03)
R^2	0.11	0.14	0.15	0.16	0.16	0.16	0.16	0.16
Adj. R^2	0.11	0.13	0.15	0.15	0.15	0.16	0.16	0.16
Num. obs.	1801	1523	1490	1490	1490	1482	1481	1479

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 27 – Explaining acceptance: Alpine PV

	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power	Acceptance of wind power
Intercept	0.29***	1.66***	0.49*	0.81**	0.75**	0.78**	0.73**	1.11***
	(0.06)	(0.15)	(0.23)	(0.25)	(0.25)	(0.25)	(0.26)	(0.30)
prior_bioemi	0.19***	0.18***	0.18***	0.18***	0.18***	0.18***	0.18***	0.18***
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
prior_landemi	0.20***	0.17***	0.16***	0.15***	0.15***	0.16***	0.16***	0.15***
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
prior_bioemi_2nd	−0.02	−0.04	−0.02	−0.01	−0.01	−0.02	−0.02	−0.02
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
prior_landemi_2nd	−0.03	0.01	0.03	0.03	0.04	0.04	0.04	0.04
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
complementarity_bioemi	0.25***	0.22***	0.16***	0.16***	0.15***	0.15***	0.15***	0.15***
	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
complementarity_landemi	−0.03	−0.04	−0.02	−0.02	−0.02	−0.02	−0.02	−0.02
	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Left–right ideology		−0.27***	−0.23***	−0.20***	−0.20***	−0.20***	−0.20***	−0.20***
		(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Trust in science			0.15***	0.13***	0.13***	0.13***	0.13***	0.13***
			(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
climate_salienceYes				−0.47***	−0.47***	−0.47***	−0.46***	−0.44***
				(0.13)	(0.13)	(0.13)	(0.13)	(0.13)
urban_rural_binaryurban					0.18	0.19	0.19	0.22
					(0.12)	(0.12)	(0.12)	(0.12)
Gender (male yes)						−0.09	−0.09	−0.06
						(0.11)	(0.11)	(0.11)
Coping on income (yes)							0.12	0.10
							(0.11)	(0.11)
Confidence								−0.07*
								(0.03)
R^2	0.14	0.21	0.22	0.23	0.23	0.24	0.24	0.24
Adj. R^2	0.14	0.20	0.22	0.23	0.23	0.23	0.23	0.23
Num. obs.	1801	1523	1490	1490	1490	1482	1481	1479

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 28 – Explaining acceptance: wind

	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants	Acceptance of new nuclear plants
Intercept	0.65***	−1.91***	−1.92***	−2.18***	−2.19***	−2.35***	−2.37***	−2.82***
	(0.06)	(0.15)	(0.24)	(0.26)	(0.26)	(0.26)	(0.27)	(0.32)
prior_bioemi	−0.09**	−0.03	−0.04	−0.03	−0.03	−0.03	−0.03	−0.04
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
prior_landemi	−0.10***	−0.06*	−0.06*	−0.06	−0.06	−0.05	−0.05	−0.05
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
prior_bioemi_2nd	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01
	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
prior_landemi_2nd	0.07*	−0.00	0.00	−0.00	−0.00	−0.01	−0.01	−0.00
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
complementarity_bioemi	−0.23***	−0.17***	−0.17***	−0.17***	−0.17***	−0.16***	−0.16***	−0.16***
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
complementarity_landemi	−0.03	−0.02	−0.01	−0.02	−0.02	−0.02	−0.02	−0.02
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Left–right ideology		0.51***	0.52***	0.50***	0.50***	0.48***	0.48***	0.47***
		(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Trust in science			−0.01	0.01	0.01	−0.00	−0.00	−0.00
			(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)
climate_salienceYes				0.38**	0.38**	0.37**	0.38**	0.36**
				(0.14)	(0.14)	(0.14)	(0.14)	(0.14)
urban_rural_binaryurban					0.03	0.03	0.04	0.02
					(0.12)	(0.12)	(0.12)	(0.12)
Gender (male yes)						0.52***	0.52***	0.49***
						(0.12)	(0.12)	(0.12)
Coping on income (yes)							0.05	0.08
							(0.12)	(0.12)
Confidence								0.08**
								(0.03)
R^2	0.07	0.26	0.26	0.26	0.26	0.27	0.27	0.28
Adj. R^2	0.06	0.25	0.26	0.26	0.26	0.27	0.27	0.27
Num. obs.	1801	1523	1490	1490	1490	1482	1481	1479

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 29 – Explaining acceptance: new nuclear

	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants	Acceptance of prolonging nuclear plants
Intercept	−0.22**	−2.97***	−2.63***	−3.09***	−3.14***	−3.32***	−3.24***	−3.80***
	(0.07)	(0.17)	(0.27)	(0.28)	(0.29)	(0.29)	(0.29)	(0.35)
prior_bioemi	−0.12***	−0.08*	−0.08*	−0.07	−0.07	−0.07*	−0.07*	−0.08*
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
prior_landemi	−0.12***	−0.07*	−0.07*	−0.06	−0.06	−0.06	−0.07*	−0.06
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
prior_bioemi_2nd	−0.01	0.02	0.01	0.00	0.00	0.02	0.02	0.02
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
prior_landemi_2nd	0.08*	−0.02	−0.02	−0.02	−0.02	−0.03	−0.03	−0.03
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
complementarity_bioemi	−0.23***	−0.17***	−0.15***	−0.14***	−0.14***	−0.13**	−0.12**	−0.13**
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
complementarity_landemi	0.02	0.03	0.02	0.02	0.02	0.01	0.01	0.01
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Left–right ideology		0.54***	0.54***	0.50***	0.51***	0.48***	0.48***	0.47***
		(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Trust in science			−0.05	−0.03	−0.03	−0.05	−0.04	−0.04
			(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
climate_salienceYes				0.68***	0.68***	0.66***	0.64***	0.61***
				(0.15)	(0.15)	(0.15)	(0.15)	(0.15)
urban_rural_binaryurban					0.17	0.17	0.17	0.14
					(0.14)	(0.13)	(0.13)	(0.13)
Gender (male yes)						0.76***	0.77***	0.73***
						(0.13)	(0.13)	(0.13)
Coping on income (yes)							−0.19	−0.15
							(0.13)	(0.13)
Confidence								0.10**
								(0.03)
R^2	0.06	0.24	0.24	0.25	0.25	0.27	0.27	0.28
Adj. R^2	0.06	0.23	0.24	0.25	0.25	0.26	0.26	0.27
Num. obs.	1801	1523	1490	1490	1490	1482	1481	1479

Standard errors in parentheses. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 30 – Explaining acceptance: prolonged nuclear

Survey questions and items

A Survey Items and Experimental Assignment

A.1 Randomization and Group Assignment

Respondents were randomly assigned by a Qualtrics `BlockRandomizer` to one of two paths with even allocation:

- **Treatment** == `treat`: respondents viewed domain-specific feedback screens (biodiversity vs. emissions; land-use vs. emissions) determined by their pre-estimate values **2nd order prior biodiversity vs. emissions** and **2nd order prior landscape vs. emissions** (each ranged from −4 to +4). After each feedback screen, they saw a domain-specific attention check and then answered the post item **Posterior biodiversity vs. emissions** and **Posterior landscape vs. emissions**. *Analysis variable:* `treatment_group`.
- **Treatment** == `con`: respondents saw a neutral recap of their own prior estimates and then answered the two-row post matrix **Posterior biodiversity vs. emissions** and **Posterior landscape vs. emissions**. *Analysis variable:* `treatment_group`.

All respondents completed the pre-treatment belief items before randomization and the technology support, redistribution, and sociodemographic blocks afterward.

A.2 Pre-treatment Beliefs and Complementarity (H1 Block)

1st-order prior biodiversity vs. emissions

Now, let us ask you what you think about the topic. Would you regard lower CO_2-emissions as more or less important than higher biodiversity and lower land-use? *Lower CO_2-emissions are...*
Row: *... preserving or enhancing biodiversity.*
Response scale: −4 to +4.

1st-order prior landscape vs. emissions

Same item and scale; row: *... a beautiful, calm, and non-industrialized landscape.*

Complementarity biodiversity conservation + emission reductions,
Complementarity landscape protection + emission reductions

For some people, these goals are contradictory, for others they are complementary. Do you personally think the goal of lower CO_2-emissions is complementary or contradictory to the following goals? *Reducing CO_2-emissions is...*
Rows:

- *... preserving or enhancing biodiversity.* (`complimentary_1` → `complementarity_bioemi`)
- *... a beautiful, calm, and non-industrialized landscape.* (`complimentary_2` → `complementarity_landemi`)

Response scale: −4 to +4.

2nd order prior biodiversity vs. emissions,
2nd order prior landscape vs. emissions

Now, please think about the opinion of Swiss residents. If you have to guess, what do you think the majority of Swiss residents would respond? *The majority would say, lower CO_2-emissions are...*
Rows:

- *... preserving or enhancing biodiversity.* (`imp_to_avg_Swi_1` → `prior_bioemi_2nd`)
- *... a beautiful, calm and non-industrialized landscape.* (`imp_to_avg_Swi_2` → `prior_landemi_2nd`)

Response scale: −4 to +4.

Confidence biodiversity vs emissions

How confident did you feel about answering the previous question (biodiversity vs. CO_2)? Options: 1 (Very confident) ... 5 (Not confident at all).

Confidence biodiversity vs emissions

How confident did you feel about answering the previous question (land-use vs. CO_2)? Options: 1 (Very confident) ... 5 (Not confident at all).
Analysis variable: `confidence` (combined index from the two confidence items).

A.3 Posterior belief Items

Posterior biodiversity vs. emissions (treatment group)

Now that we have talked about the opinions of Swiss residents, what do you personally think (CO_2 vs. biodiversity)? Scale −4 to +4.

Posterior landscape vs. emissions (treatment group)

Now that we have talked about the opinions of Swiss residents, what do you personally think (CO_2 vs. land-use)? Scale −4 to +4.

Posterior biodiversity vs. emissions, Posterior landscape vs. emissions (control group)

Two-row version of the same post questions for control respondents (biodiversity; land-use).

A.4 Derived treatment-direction dummies (for tables/figures)

Based whether the respondents over or under-estimated others emission reduction preference vis-a-vis biodiversity protection and landscape protection, we build three mutually exclusive indicators:

- `Treatment directionality: Overestimated others' emission reduction preference` if respondents overestimated for both dimensions
- `Treatment directionality: Mixed` if the two dimensions did not align
- `Treatment directionality: Underestimated others' emission reduction preference` if respondents understimated or correctly estimated both dimensions

A.5 Technology Acceptance (H3 Block)

Acceptance of alpine PV, Acceptance of wind power, Acceptance of new nuclear plants, Acceptance of prolonging nuclear plants

To what extent do you support or oppose the expansion of the following electricity installations in Switzerland? (−4 oppose … +4 support), Alpine PV, wind, new nuclear, prolonged nuclear

A.6 Issue Salience

`A1_climchange`

From a list of topics, *Climate change* could be marked among the top three issues. We use an indicator of whether it was selected.
Analysis variable: `climate_salience` (Yes/No; coded 1/0).

A.7 Trust, Ideology, and Sociodemographics

Trust in Science

"How much trust do you personally have in … science?" Slider from *No trust at all* to *Absolute trust.*
Analysis variable: `trust_in_sci`.

Left-right ideology

0 (far left) to 10 (far right) with *Don't know.*
Analysis variable: `left_right`.

Male (ref: female)

female / male / open text.

Urban-rural residency

Residence category.
Analysis variable: `urban_rural_binary` (*renamed to display as* "Urban–rural"; coded 1=rural, 0=urban).

Coping on income (yes)

"Yes / I get by / No / No answer".
Analysis variable: `coping_on_income` (*renamed to display as* "Coping on income (yes)"; coded 1=Yes, 0 otherwise).