

# Climate survey - US pilot

OECD

February 2021

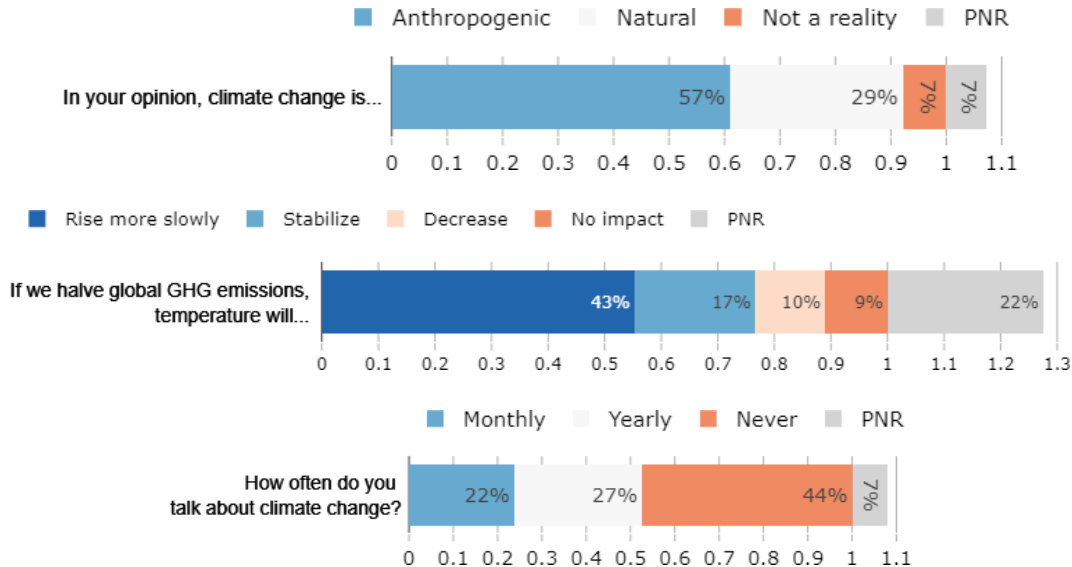
1 Climate attitudes

2 Policies

3 Burden sharing

4 Treatment effect

## Knowledge



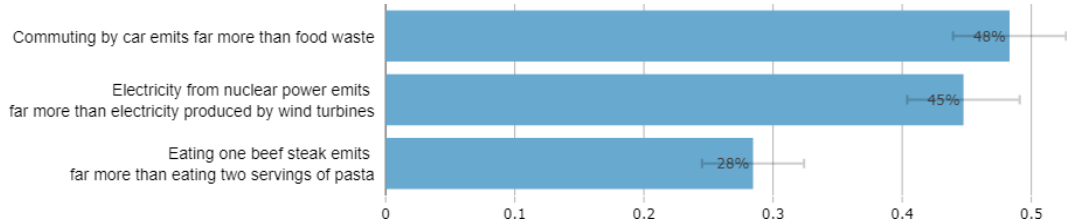
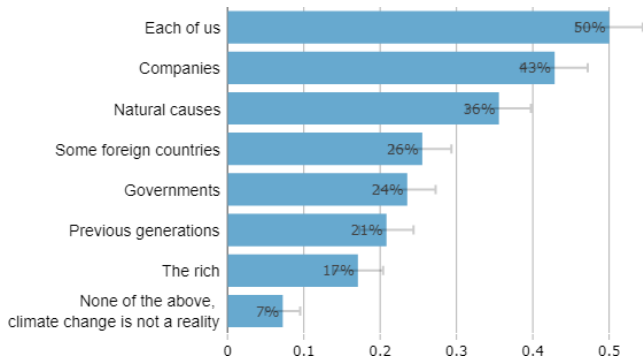


Figure: Perceived factors (↑) and responsible entities (↓)



## Perceptions regarding the future

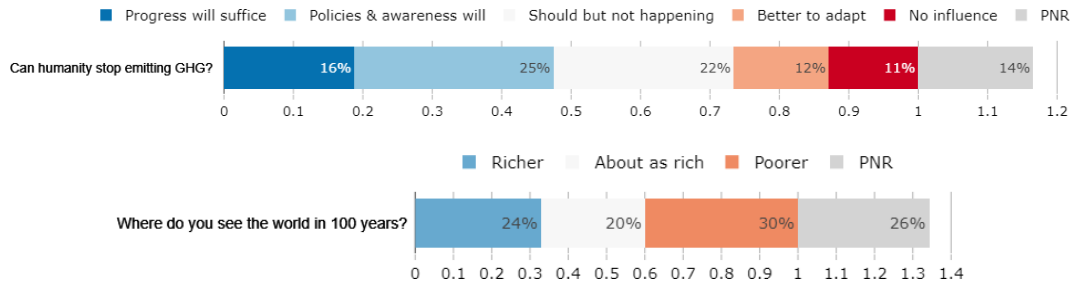
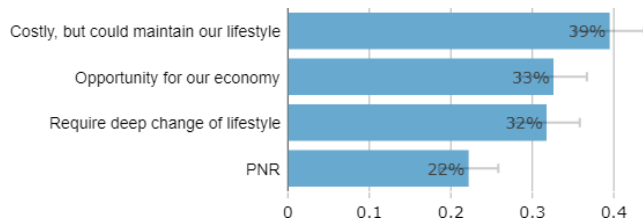
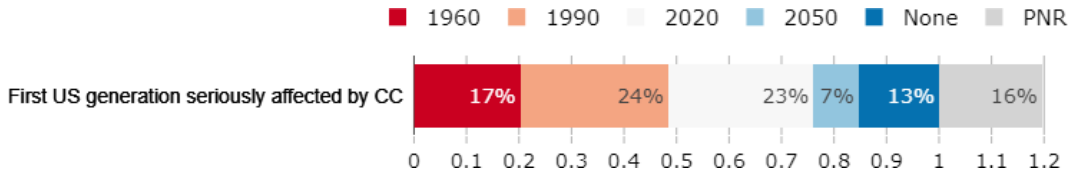
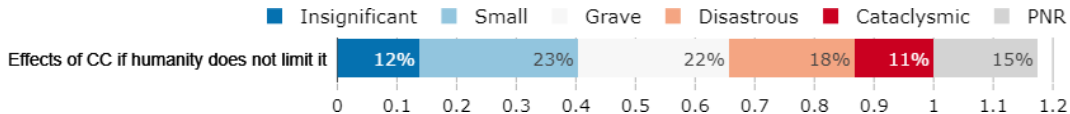
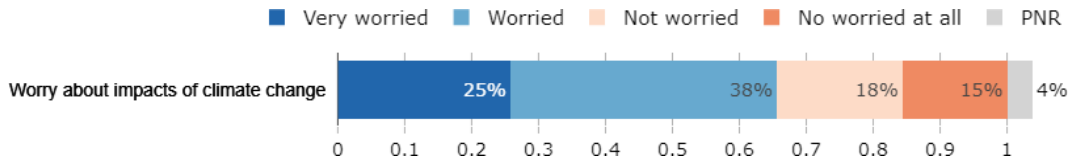
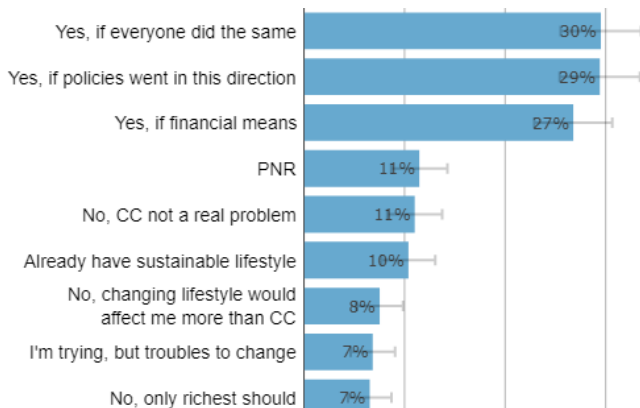
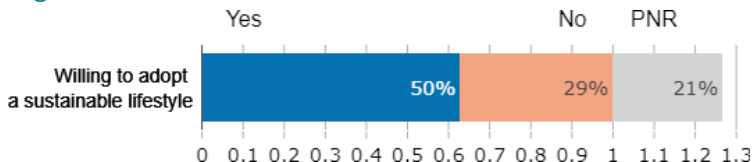


Figure: (↓) What would be the effect of policies aimed at halting CC?





## Willingness to change



1 Climate attitudes

2 Policies

3 Burden sharing

4 Treatment effect



Figure: Would you support the following climate policies?

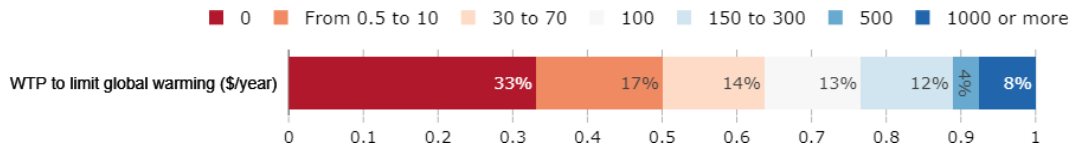
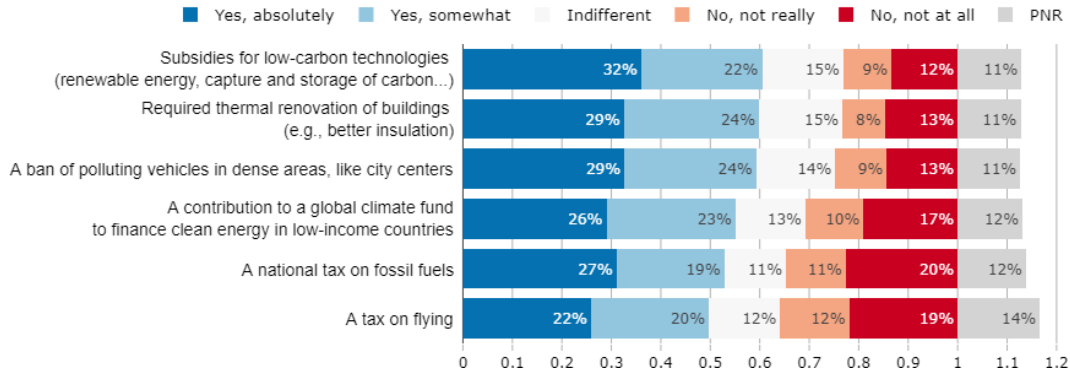


Figure: In favor of carbon tax, if revenues used to...

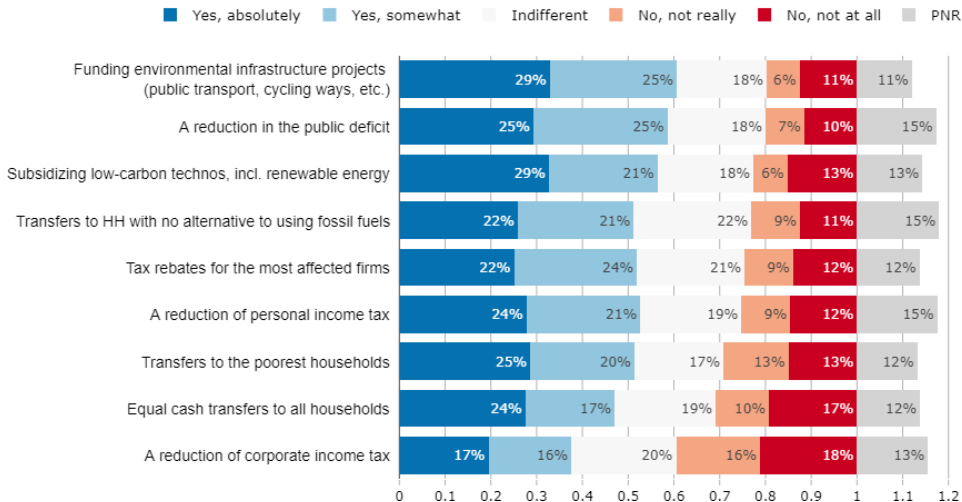


Figure: Would you support. . .

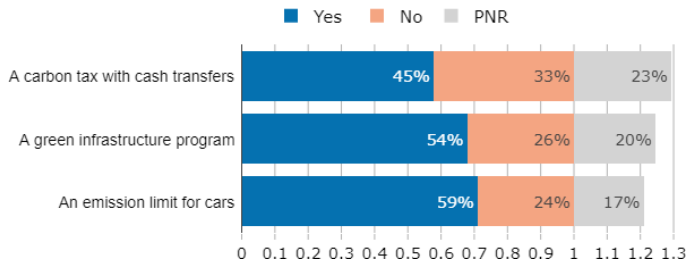


Figure: Do you think **your household** will win or lose financially from. . .

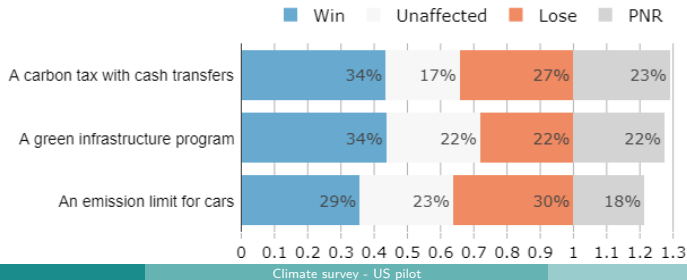


Figure: Do you think **the richest** will win or lose financially from...

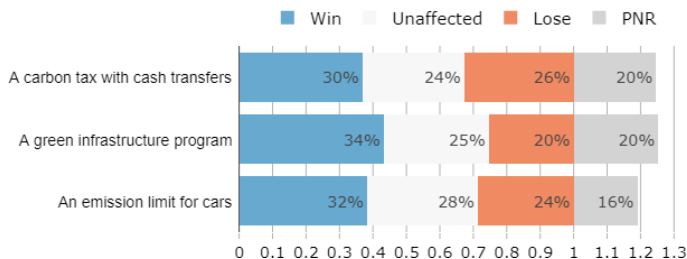


Figure: Do you think **the poorest** will win or lose financially from...

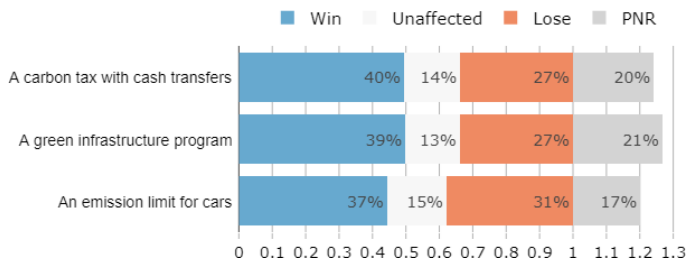


Figure: Do you think the following policies would be effective to fight climate change

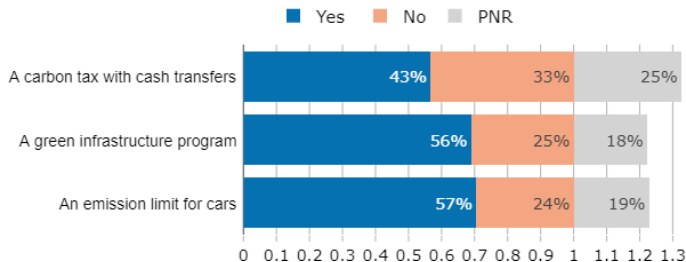
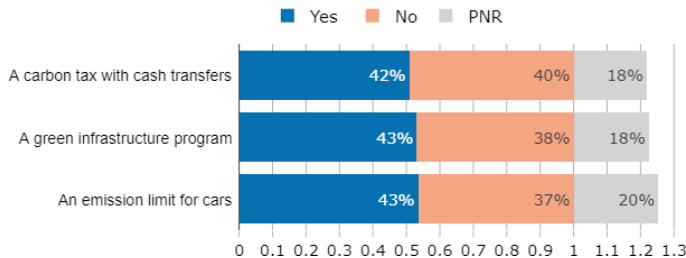
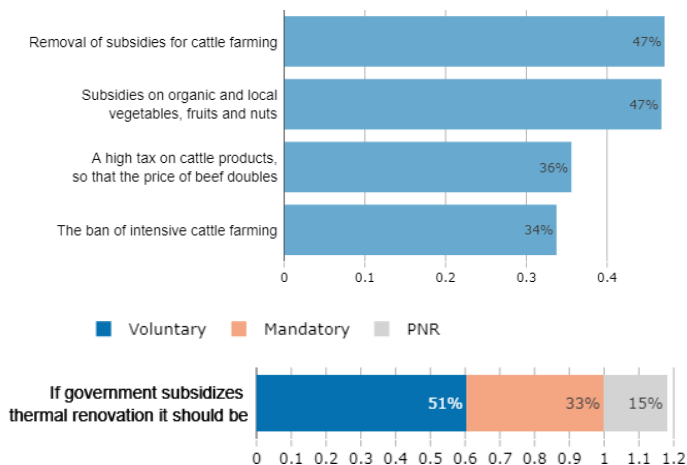


Figure: Could you trust the federal government to implement the following policies



## Bans vs. incentives

Figure: Which option(s) to limit consumption of beef would you approve of? (Excluding PNR)



1 Climate attitudes

2 Policies

3 Burden sharing

4 Treatment effect

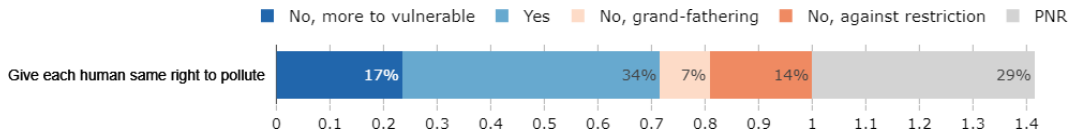
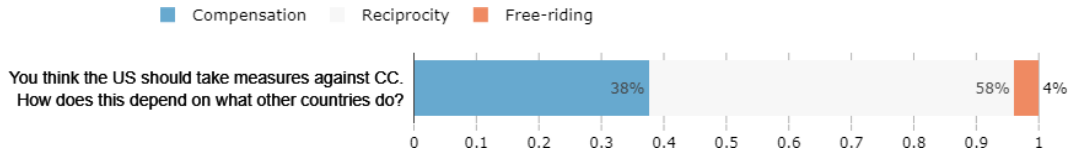
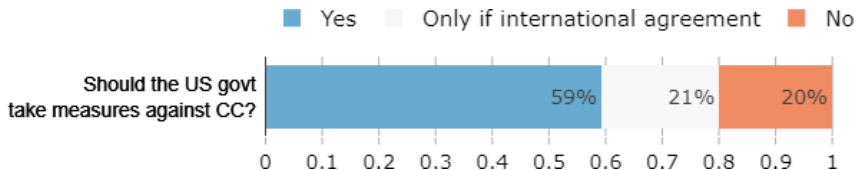




Figure: At which level do we need climate policies?

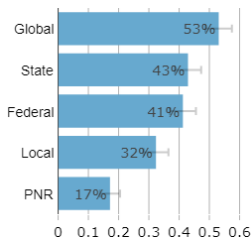


Figure: To fight climate change, would you approve a...

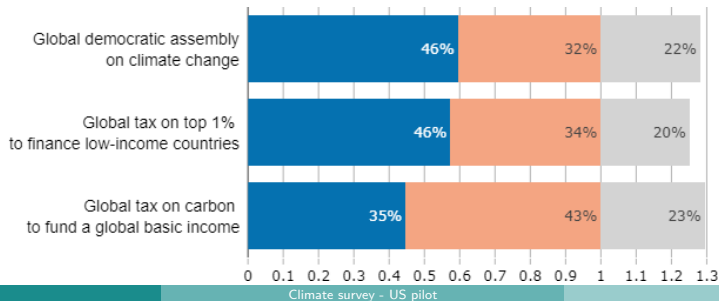
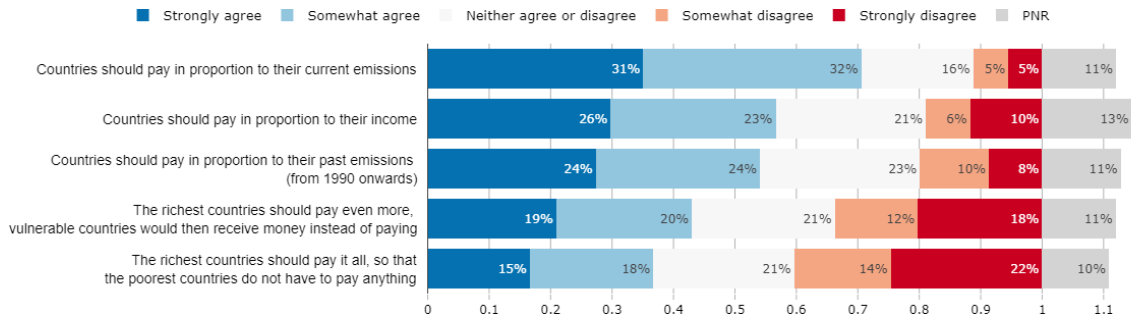


Figure: How should countries bear the costs of fighting climate change?



1 Climate attitudes

2 Policies

3 Burden sharing

4 Treatment effect

Table: Attitudes towards Climate Change

	Approve global equal quota	CC Anthropogenic	Worried about CC	US should act	Willing to change lifestyle
Control group mean	0.534	0.661	0.678	0.585	0.508
Climate treatment only	-0.081 (0.060)	-0.050 (0.058)	0.044 (0.057)	0.022 (0.059)	0.054 (0.060)
Policy treatment only	0.048 (0.057)	-0.010 (0.056)	0.061 (0.055)	0.044 (0.056)	0.063 (0.058)
Both treatments	-0.051 (0.059)	-0.050 (0.058)	0.035 (0.057)	0.083 (0.058)	0.172*** (0.060)
wave: Pilote 2	0.109*** (0.042)	0.139*** (0.041)	0.074* (0.040)	0.081** (0.041)	0.047 (0.042)
Observations	499	499	499	499	499

Note: The *Approve global equal quota* variable equals one if the respondent is in favor of an equal allowance to emit GHG for all humans or if she or he thinks such a policy should compensate even more the poorest. The other dependent variables are indicator variables equal to one if the respondent agrees with the proposition. The three *treatment* indicator variables indicate difference in mean compared to the control group (people who did not see any video). The *wave: Pilote 2* indicator variable indicate difference in mean for the second wave of the pilot compared to the first wave.

Controls include socio-demographic and last vote. Standard errors are in parentheses. \* $p < 0.1$ ; \*\* $p < 0.05$ ; \*\*\* $p < 0.01$

Table: Support policies

	Support			
	Carbon tax with transfers	Green Infrastructure Program	Standard emission for cars	Average over 3 policies
Control group mean	0.398	0.508	0.568	0.218
Climate treatment only	0.044 (0.060)	0.083 (0.059)	0.048 (0.061)	0.082 (0.085)
Policy treatment only	0.177*** (0.058)	0.103* (0.057)	0.011 (0.058)	0.141* (0.081)
Both treatments	0.141** (0.060)	0.191*** (0.059)	0.132** (0.060)	0.301*** (0.084)
wave: Pilote 2	-0.030 (0.042)	-0.044 (0.041)	0.003 (0.042)	0.013 (0.059)
Observations	499	499	499	499

Note: The dependent variables are indicator variables equal to one if the respondent 'Strongly supports' or 'Rather supports' the policy. The *Average over 3 policies* takes the average of the respondent's answers for the three policies. It equals one if the respondent support all three policies. See notes under previous Table for a description of the covariates.

Controls include socio-demographic and last vote. Standard errors are in parentheses. \* $p < 0.1$ ; \*\* $p < 0.05$ ; \*\*\* $p < 0.01$

Table: Attitudes towards policies

	Trust implementation	Effective	Effect on my HH	Effect on poorest	Effect on employment	Other side effects
Control group mean	-0.099	0.201	0.028	0.021	0.195	0.291
Climate treatment only	0.269*** (0.091)	0.092 (0.086)	0.241** (0.111)	0.124 (0.118)	0.062 (0.074)	0.088 (0.073)
Policy treatment only	0.268*** (0.087)	0.291*** (0.082)	0.128 (0.104)	0.404*** (0.111)	0.176** (0.071)	0.267*** (0.070)
Both treatments	0.365*** (0.091)	0.278*** (0.085)	0.253** (0.109)	0.172 (0.119)	0.235*** (0.074)	0.310*** (0.073)
wave: Pilote 2	-0.065 (0.064)	0.046 (0.060)	-0.077 (0.076)	0.009 (0.082)	-0.043 (0.052)	-0.031 (0.051)
Observations	499	499	338	349	499	499

Note: The dependent variables range from -1 to 1 depending on how the respondent agrees with the proposition. They are equal to the average over the three policies mentioned in Table "Support policies". For instance *Trust implementation* equals one if the respondent trusts the U.S. government to implement the three policies. The *Effect on my HH/poorest* variables equal 1 if the respondent thinks her household/the poorest would win from the policy and -1 if she thinks her household/the poorest would lose. The *Effect on employment/Other side effect* variables equal 1 if the respondent thinks the policies have positive impact on employment/overall and -1 if she thinks they have a negative impact.

Controls include socio-demographic and last vote. Standard errors are in parentheses. \* $p < 0.1$ ; \*\* $p < 0.05$ ; \*\*\* $p < 0.01$