

## Online Appendices for “Polarization of Climate Change Beliefs: The Role of the Millennials Generation Identity”

### Appendix A. Survey Questions

1. What year were you born?  
1901-1997
2. What is your gender?  
Male  
Female
3. Are you of Hispanic or Latino background, such as Cuban, Dominican, Mexican, Puerto Rican, Salvadoran, Central American, South American or other Spanish background?  
No  
Yes
4. What is your race?  
White or Caucasian  
White - Hispanic  
African-American  
Asian-American  
Pacific-Islander American  
American-Indian  
Other: (type in answer)
5. What is the highest degree or level of school that you have completed?  
Less than high school  
Some high school  
High school  
Some college  
Associate's degree  
Bachelor's degree  
Master's degree  
Professional or doctoral degree
6. Do you consider yourself a Republican, Democrat or independent?  
Republican  
Democrat  
Independent  
Other: (type in response)  
I do not consider myself part of any party.
7. Do you consider yourself a "born again" Christian?  
No  
Yes

8. From what you've read and heard, is there solid evidence of global warming and climate change, or not?

No, there is not solid evidence.

There is some/mixed evidence.

Yes, there is solid evidence.

\*If no, skip Question 9.

9. What do you think? The earth is getting warmer mostly because of...

Natural patterns in the earth's environment

Human activity such as burning fuels

I don't know.

## Appendix B. Ordered Logit Results

*Dependent Variable: Climate Change Belief*

1 = disbeliever (no evidence of global warming)

2 = skeptic (some/mixed evidence of global warming)

3 = uninformed believer (evidence of global warming, not sure or mostly natural pattern cause)

4 = convinced (evidence of global warming, caused mostly by human activity)

Republican		-0.653	(0.407)
Education			
	2	0.014	(0.240)
	3	0.415	(0.233)*
Millennial		0.520	(0.261)**
Republican#Education#Millennial			
	0 1 1	0.520	(0.261)**
	0 2 0	0.014	(0.240)
	0 2 1	0.114	(0.227)
	0 3 0	0.415	(0.233)*
	0 3 1	0.941	(0.249)***
	1 1 0	-0.653	(0.407)
	1 1 1	-0.638	(0.354)*
	1 2 0	-0.320	(0.292)
	1 2 1	-0.077	(0.319)
	1 3 0	-0.900	(0.304)***
	1 3 1	-0.028	(0.412)
Latino		0.126	(0.159)
African American		0.249	(0.174)
Born-again Christian		-0.643	(0.139)***
Distance to the coast		0.000	(0.000)**
Female		0.031	(0.129)
Cut 1		-2.309	(0.219)***
Cut 2		-0.049	(0.208)
Cut 3		0.397	(0.208)*
N		1,058	
Prob > F		0.000	

Note: Ordered logit regression estimated with weight applied to adjust survey sample. Factorial interaction specified. Coefficients reported with standard errors in parentheses. Statistical significance denoted as \* $p < 0.10$ , \*\* $p < 0.05$ , and \*\*\* $p < 0.01$ . Republican coded as 1 = Republican and 0 = all others (Democrat, independent, and other party affiliations); education coded as 1 = high school degree or less, 2 = some college or associate's degree, and 3 = college degree; Millennial coded as 1 = Millennial (born 1980 or later) and 0 = non-Millennial (born before 1980).