

## INSTRUCTIONS ON THE POLICY SURVEY

*This is the ex-post policy survey, which you have to **implement yourself** at the very end of your design. Please read the following instructions very carefully and pay attention to every detail since we need **consistency across all designs**.*

*Please ensure consistent implementation of page breaks as highlighted in the instructions. Each variable should have a predefined name or label in the final dataset, located in parentheses following each question. Adopt the exact coding specified for each question, including input field types and answer codings, with details provided below each question in brackets. Pay close attention to style, especially spelling and formatting (e.g., **bold** text where indicated). Other formatting details, such as the font type, can be chosen consistent with your design. Most importantly, all fields must be set as mandatory.*

*In any case, if there are questions, please contact us:*

[rene.schwaiger@uibk.ac.at](mailto:rene.schwaiger@uibk.ac.at)

[armando.holzknecht@uibk.ac.at](mailto:armando.holzknecht@uibk.ac.at)

You're almost finished with the study. Before we proceed with your final payment, we have a few short questions on the following pages.

=====NEW PAGE=====

What is your age? (age)

[integer input field: Integers from 0 - 100]

What is your sex? (sex)

[Dropdown categories as strings: Male; Female; Diverse; Prefer not to say]

What is your nationality? For example, *American*. (nationality)

[open text field]

What is your country of birth? (country\_birth)

[open text field]

What is your current employment status? (employment)

[Dropdown categories as strings: Employed; Unemployed; Student; Retired; Other]

=====NEW PAGE=====

Do you live in a rural or an urban area? I live in: (agglomeration)

[Dropdown categories as strings: A rural area; A small town (5,000 - 20,000 inhabitants); A large town (20,000 - 50,000 inhabitants); A small city or its suburbs (50,000 - 250,000 inhabitants); A large city or its suburbs (250,000 - 3,000,000 inhabitants); A very large city or its suburbs (more than 3 million inhabitants)]

How many children do you have? (children)

[Dropdown categories as strings: 0; 1; 2; 3; 4 or more]

What is the highest level of education you have completed? (education)

[Dropdown categories as string: No schooling completed; Primary school; Lower secondary school; Vocational degree; High school; College degree; Master's degree or above]

What was the annual income of your household in 2023 (before withholding tax)? (income)

[Dropdown categories as strings: Less than \$35,000 ; between \$35,000 - \$70,000; between \$70,000 - \$120,000; More than \$120,000]

=====NEW PAGE=====

On economic policy matters, where do you see yourself on a scale from 1 to 5, where 1 is Left and 5 is Right? (pol\_orientation)

[Integers as horizontal radio buttons: 1 (Left); 2; 3; 4; 5(right)] Please add labels "left" and "right" for the endpoints and number the radio buttons accordingly.

What do you consider to be your political affiliation, as of today? (pol\_affiliation)

[Dropdown categories as strings: Republican; Democrat; Independent; Other; Non-Affiliated]

=====NEW PAGE=====

What is the main way you heat your home? (prim\_heat\_source)

[Dropdown categories as strings: Electricity; Gas; Heating oil; Coal; Wood, solar, geothermal, or heat pump; District heating; Don't know; Prefer not to say]

In a typical month, how much do you spend on gas for driving? (costs\_gas)

[Dropdown categories as strings: Less than \$5; \$5-\$25; \$25-\$75; \$75-\$125; \$125-\$175; \$175-\$225; More than \$225]

How many round-trip flights did you take last year? (flight\_trips)

[Dropdown categories as strings: 0; 1; 2; 3 or 4; 5 to 7; 8 to 14; 15 or more]

How often do you eat beef? (beef\_cons)

[Dropdown categories as strings: Never; Less than once a week; One to four times per week; Almost or at least daily]

=====NEW PAGE=====

Do you agree or disagree with the following statement: "Over the last four years, the U.S. government could generally be trusted to do what is right."? (gov\_trust)

[Categories as strings with horizontal radio buttons: Strongly disagree; Somewhat disagree; Neither agree nor disagree; Somewhat agree; Strongly agree]

=====NEW PAGE=====

Here are possible behaviors that experts say would help reduce greenhouse gas emissions. To what extent would you be willing to adopt the following behaviors?

- Limit flying (limit\_flying)

[Categories as strings with horizontal radio buttons: Not at all; A little; Moderately; A lot; A great deal]

- Limit driving (limit\_driving)

[Categories as strings with horizontal radio buttons: Not at all; A little; Moderately; A lot; A great deal]

- Get an electric vehicle (get\_evehicle)

[Categories as strings with horizontal radio buttons: Not at all; A little; Moderately; A lot; A great deal]

- Limit beef consumption (limit\_beef)

[Categories as strings with horizontal radio buttons: Not at all; A little; Moderately; A lot; A great deal]

- Limit heating or cooling your home (limit\_heating)

[Categories as strings with horizontal radio buttons: Not at all; A little; Moderately; A lot; A great deal]

=====NEW PAGE=====



To fight climate change, the US government can make greenhouse gas emissions costly, to make people and firms change their equipment and reduce their emissions. The government could do this through a policy called a carbon tax. Under such a policy, the government would tax all products that emit greenhouse gas. For example, this would increase the price of gasoline and other carbon-intensive goods.

Do you agree or disagree with the following statement: "A **carbon tax** is fair" (cp\_fairness)

[Categories as strings with horizontal radio buttons: Strongly disagree; Somewhat disagree; Neither agree nor disagree; Somewhat agree; Strongly agree]

Do you support or oppose a **carbon tax in general**? (cp\_support)

[Categories as strings with horizontal radio buttons: Strongly oppose; Somewhat oppose; Neither support nor oppose; Somewhat support; Strongly support]

I support **raising carbon taxes** on gas/fossil fuels/coal? (cp\_raise)

[Integer as slider/range input: Level of agreement from "not at all" to "very much" from 0 to 100] Please add labels for the endpoints "not at all" for 0 and "very much" for 100.

=====NEW PAGE=====

The amount of the carbon tax is one of the dimensions that the US government could decide upon. As a reference, a recent report of the Environmental Protection Agency in 2023 estimates that a carbon tax of at least \$120 per tonne of CO<sub>2</sub>, meaning about \$1.00 per gallon of gasoline, would account for the expected damages for the CO<sub>2</sub> emissions and thus increase well-being (“EPA Report on the Social Cost of Greenhouse Gases: Estimates Incorporating Recent Scientific Advances”).

Do you support or oppose **a carbon tax of \$120 per tonne of CO<sub>2</sub>**, meaning about **\$1 per gallon of gasoline**? (sp\_cp\_support)

[Categories as strings with horizontal radio buttons: Strongly oppose; Somewhat oppose; Neither support nor oppose; Somewhat support; Strongly support]

The government could use a policy called a **carbon tax with cash transfers**. This means to compensate households for the price increases. The revenues from the carbon tax would be redistributed to all households, regardless of their income.

Do you support or oppose **a carbon tax with cash transfers in general**? (ct\_cp\_support)

[Categories as strings with horizontal radio buttons: Strongly oppose; Somewhat oppose; Neither support nor oppose; Somewhat support; Strongly support]

Do you support or oppose a **carbon tax of \$120 per tonne of CO<sub>2</sub> (social price of carbon), meaning about \$1.00 per gallon of gasoline with cash transfers**, whereby each adult would thus receive about \$1500 per year? (spct\_cp\_support)

[Categories as strings with horizontal radio buttons: Strongly oppose; Somewhat oppose; Neither support nor oppose; Somewhat support; Strongly support]

=====NEW PAGE=====

If nothing is done to limit climate change, how likely do you think it is that climate change will lead to the following events?

- Severe droughts and heatwaves (w\_droughts)

[Categories as strings with horizontal radio buttons: Very unlikely; Somewhat unlikely; Somewhat likely; Very likely]

- More frequent volcanic eruptions (w\_eruptions)

[Categories as strings with horizontal radio buttons: Very unlikely; Somewhat unlikely; Somewhat likely; Very likely]

- Rising sea levels (w\_sealevels)

[Categories as strings with horizontal radio buttons: Very unlikely; Somewhat unlikely; Somewhat likely; Very likely]

- Lower agricultural production (w\_agriculture)

[Categories as strings with horizontal radio buttons: Very unlikely; Somewhat unlikely; Somewhat likely; Very likely]

- Drop in standards of living (w\_livingstandards)

[Categories as strings with horizontal radio buttons: Very unlikely; Somewhat unlikely; Somewhat likely; Very likely]

- Larger migration flows (w\_migration)

[Categories as strings with horizontal radio buttons: Very unlikely; Somewhat unlikely; Somewhat likely; Very likely]

- More armed conflicts (w\_conflicts)

[Categories as strings with horizontal radio buttons: Very unlikely; Somewhat unlikely; Somewhat likely; Very likely]

- Extinction of humankind (w\_extinction)

[Categories as strings with horizontal radio buttons: Very unlikely; Somewhat unlikely; Somewhat likely; Very likely]

=====NEW PAGE=====

To what extent do you think that it is technically feasible to stop greenhouse gas emissions (“net-zero”) by the end of the century while maintaining satisfactory standards of living in the U.S.? (beliefs\_netzero)

[Categories as strings with horizontal radio buttons: Not at all; A little; Moderately; A lot; A great deal]

To what extent do you think climate change already affects or will soon affect your personal life negatively? (beliefs\_own)

[Categories as strings with horizontal radio buttons: Not at all; A little; Moderately; A lot; A great deal]

=====NEW PAGE=====

Do you agree or disagree with the following statements? A carbon tax on all CO2 emissions would. . .

... encourage people to drive less. (effect\_driving)

[Categories as strings with horizontal radio buttons: Strongly disagree; Somewhat disagree; Neither agree nor disagree; Somewhat agree; Strongly agree]

... encourage people and companies to insulate buildings. (effect\_insulation)

[Categories as strings with horizontal radio buttons: Strongly disagree; Somewhat disagree; Neither agree nor disagree; Somewhat agree; Strongly agree]

... reduce the use of fossil fuels and thus greenhouse gas emissions. (effect\_fossil)

[Categories as strings with horizontal radio buttons: Strongly disagree; Somewhat disagree; Neither agree nor disagree; Somewhat agree; Strongly agree]

... reduce air pollution. (effect\_air)

[Categories as strings with horizontal radio buttons: Strongly disagree; Somewhat disagree; Neither agree nor disagree; Somewhat agree; Strongly agree]

... have a negative effect on the U.S. economy and employment. (effect\_economy)

[Categories as strings with horizontal radio buttons: Strongly disagree; Somewhat disagree; Neither agree nor disagree; Somewhat agree; Strongly agree]

=====END OF SURVEY=====

By clicking the final button to submit the last page, participants should be redirected to this link: <https://manydesignscarbon.online/completed>

=====