Replication Files for "People's Understanding of Inflation"

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This replication package reproduces the data preparation and all the figures and tables included in the main text and appendix of "People's Understanding of Inflation". To generate a figure or table, you should run the relevant script, following the instructions provided below. Please note that you need to set the root directory at the top of the master.do file if working from there or at the top of the relevant .do file. Whether you generate a figure or table using the master.do file or directly from the relevant .do file, you must first prepare the dataset by running the data cleaning scripts. This can be done either in the first section of the master.do file or directly from the directory */code/data_cleaning/*.

Content of the folders

- **master.do**: This file executes all scripts needed to replicate the analysis. To use it, set your root directory path at the start of the file, run the data cleaning scripts in sequence, then generate any figure or table by running its corresponding script. All paths are relative to the root directory.

- **data/**: This subfolder contains the four waves of survey data used in the analysis (from inflation_understanding_2.xlsx to inflation_understanding_5.xlsx), the classifications of answers to open-ended questions, data on U.S. inflation, and data linking ZIP codes to states.

    - classification_OEQ_importable.xlsx
    - classification_OEQ_importable_additional.xlsx
    - inflation_understanding_2.xlsx
    - inflation_understanding_3.xlsx
    - inflation_understanding_4.xlsx
    - inflation_understanding_5.xlsx
    - us_annual_inflation.xls

– zip_statename_toptax.dta

- **code/**

  – **code/data_cleaning/**: This subfolder contains all the .do files required to generate the final dataset. To create the dataset used for all figures and tables (except Figure 8, Table A17, and Figure A19), it is sufficient to run the scripts numbered 1 through 4. For the remaining figures and tables, you need to generate the relevant dataset by running the script 5_a_conjointprepare.do. Note that this requires first installing the Stata program `conjoint`.
    * 1_merge.do
    * 2_inattentives.do
    * 3_encoding.do
    * 4_variables_creation.do
    * 5_a_conjointprepare.do

  – **code/main/**: This subfolder contains all the .do files used to generate the tables and figures in the main text. These scripts are all called in the master.do file, but if you want to run them directly, remember to set the relevant directories and ensure that the data cleaning scripts generating the final dataset have been run beforehand.
    * **code/main/figures/**
      · fig1.do
      · fig2.do
      · fig3.do
      · fig4.do
      · fig5.do
      · fig6.do
      · fig8.do
      · fig9.do
      · fig10.do
      · fig11.do
    * **code/main/tables/**
      · tab1.do
      · tab6.do
      · tab7.do

  – **code/appendix/** : This subfolder contains all the .do files used to generate the tables and figures in the main text. These scripts are all called in the master.do file, but if you want to run them directly, remember to set the relevant directories and ensure that the data cleaning scripts generating the final dataset have been run beforehand.

* `code/appendix/figures/`
  - figa1.do
  - figa4.do
  - figa5.do
  - figa6.do
  - figa7.do
  - figa8.do
  - figa9.do
  - figa10.do
  - figa11.do
  - figa12.do
  - figa13.do
  - figa14.do
  - figa15.do
  - figa16.do
  - figa17.do
  - figa18.do
  - figa19.do
  - figa21.do
  - figa22.do
* `code/appendix/tables/`
  - taba1.do
  - taba2.do
  - taba3.do
  - taba4.do
  - taba5.do
  - taba6.do
  - taba7.do
  - taba8.do
  - taba9.do
  - taba10.do
  - taba11.do
  - taba12.do
  - taba13.do
  - taba14.do
  - taba15.do
  - taba16.do
  - taba17.do

- · taba18.do
- · taba19.do
- · taba20.do
- · taba21.do
- · taba22.do
- · taba23.do
- · taba24.do
- · taba25.do
- · `taba26/`: This folder contains the .do files needed to prepare the dataset for the attrition analysis, as well as the .do file that generates Table A26. Note that the four data preparation files must be run before taba26.do. These files replicate the data cleaning process used for the main dataset but do not remove incomplete or inattentive responses; instead, they only identify them.
  - · 1.0creating_dataset_attrition
  - · 1.1inattentive_attrition
  - · 1.2encoding_variables_attrition
  - · 1.3generate_variables_attrition
  - · taba26.do

- `output/`: These folders contain the figures and tables generated by the .do files listed above.
  - `output/main/`
    * `output/main/figures/`
    * `output/main/tables/`
  - `output/appendix/`
    * `output/appendix/figures/`
    * `output/appendix/tables/`