This document describes how to generate the results in "Health Insurance and Consumption Risk."

1. Ensure that you have the appropriate software. The results in the paper were generated with Stata 17.0 SE-Standard Edition and Matlab R2024b on a Windows 11 operating system.

    - Stata will need the following additional packages installed: asgen, tabmiss, binscatter, binsreg, reghdfe, and ftools.

2. Download the replication code from `https://dataverse.harvard.edu/dataverse/restat`.

    - The ZIP archive contains five subdirectories—`/inputs_to_build_and_analysis/`, `/build/`, `/analysis/`, `/ado/`, and `/MEPS/`—plus the batch file `run_build_and_analysis.bat`.
    - The `/MEPS/` directory contains the Medical Expenditure Panel Survey data files necessary to replicate the paper.[1] These are: H12, H20, H28, H38, H50, H60, H70, H79, H89, H97, H105, H113, H121, H129, H138, H147, H155, H163, H171, H181, H192, H201, and H209.

3. Download the PSID data separately from the PSID Public Data Extract Repository (OpenICPSR) at the following DOI: `https://doi.org/10.3886/ICPSR301650.V1`.[2]

4. Put the PSID and MEPS data files where you want them on your computer.

5. In `/inputs_to_build_and_analysis/load_stata_options.do`, update the (full) paths to the PSID and MEPS data files to match their locations on your computer. These paths are stored in the following macros: `psid_input_data` and `meps_data_path`. Do the same for the build directory of the replication archive, stored in the `build_dir` macro in `load_stata_options.do`.

6. Move the ado files from the `/ado/` directory of the replication archive to your personal ado directory.

7. Run `run_build_and_analysis.bat` in the replication directory. This will generate all of the results in the paper and save them to `/analysis/output/`.

    - All figures in the paper will be saved as PDF or EPS files in `/analysis/output/`. They are named according to the numbering in the paper (e.g., `fig_4a.eps` corresponds to Figure 4a in the paper).

[1] Medical Expenditure Panel Survey, Agency for Healthcare Research and Quality, Rockville, MD.

[2] Panel Study of Income Dynamics, public use dataset. Produced and distributed by the Institute for Social Research, University of Michigan, Ann Arbor, MI (downloaded in 2019). The collection of data used in this study was partly supported by the National Institutes of Health under grant number R01 HD069609 and R01 AG040213, and the National Science Foundation under award numbers SES 1157698 and 1623684.

- All tables in the paper appear in the `.xlsx` files in `/analysis/output/`. The name of the `.xlsx` file includes the names of all tables in the file, and the sheet names list all of the tables in that sheet, with the exception of `sufficient_stat_estimates.xlsx`, which includes all of the tables of sufficient statistic results: Tables 1, A11–16, A21, and A23.
- Where possible, the scripts are named after the results they generate (e.g., `figs_2a_and_3.do` generates Figures 2a and 3). The exception is `sufficient_stat_estimation.do`, which generates all of the sufficient statistic results: Figures A5–6 and Tables 1, A11–16, A21, and A23.