

## # Project Folder Structure

The following diagram shows the project folder structure when the repository is extracted.

Project folder/

- Code
  - data\_preparation
  - data\_analysis
    - .R files
    - .do files
- Paper
- Results

## # Data Availability

The analysis reported in this paper is based primarily on the Health Information National Trends Survey (HINTS). Data from 5,075 respondents in the 2022 iteration of HINTS was used for this paper (HINTS 6). HINTS data is subjected to a redistribution restriction, but can be freely downloaded from <https://hints.cancer.gov/data/download-data.aspx>

## # Computational Requirements

- R (code was last run with version 4.3.0)
- Stata (code was last run with Stata 17)

## # Instructions to Replicators

- The replication package consists of two parts: code and results, where codes contains executable .R files and .do files.
- If your PC does not have the environment to run .R files and .do files, you can view the 'Results.html' file in the Results folder. This file displays the output of the .Rmd file, which contains the full computation process of this paper.
- Before running the .R file, please ensure that you have the original data downloaded from the HINTS website on your local PC, and modify the data import path at the beginning of the 'Import dataset.R' file in the 'data\_preparation' folder to the path where you have stored the HINTS raw data locally.
- Due to the svy: gologit2 ssc is exclusive for Stata Software, the results of table 2 and table 3 are processed by Stata 17 software. So that means you should execute "write\_dta(raw\_sel, "raw\_sel.dta")" after executing Table\_1.R file. Then turn to Stata, open the "raw\_sel.dta" and excute gologit2.do file.
- Or you can run .do files in R via RStata package. For this step, you should reset the path of Stata.exe at the beginning of the 'Import dataset.R'. Then modify the code in Table\_2.R, where I have been commented out the Stata command. Make it uncomment out.

- To replicate the results, you should run the files step by step according to the following diagram.

