Datasets List

Raw data from the Oregon Health Insurance Experiment (OHIE) that I use in the paper are publicly available and can be accessed using the following link at the National Bureau of Economic Research (NBER) website: https://www.nber.org/research/data/oregon-health-insurance-experiment-data. The NBER requires users to agree to certain data usage terms outlined in this link before downloading the datasets. Therefore, I am not sharing the data directly.

Note: To execute the .do files for replicating the analysis from the paper, users should copy the Stata (.dta) files from the downloaded data folder *(oregon_puf/OHIE_Public_Use_Files/OHIE_Data)* to the same subdirectory that contains all the program (.do) files. For the data dictionaries, please refer to the files in the downloaded data folder: *oregon_puf/OHIE_Public_Use_Files/OHIE_Documentation*.

Likewise, survey data and documentation (including overview, codebooks/data dictionary) from the Behavioral Risk Factor Surveillance System (BRFSS) that I use in the paper for analyzing the Massachusetts health reform can be accessed using the following links at the Centers for Disease Control and Prevention (CDC) website:

2004
- Full documentation: https://www.cdc.gov/brfss/annual_data/annual_2004.htm
- SAS (.XPT) datasets: http://www.cdc.gov/brfss/annual_data/2004/files/CDBRFS04XPT.zip

2005
- Full documentation: https://www.cdc.gov/brfss/annual_data/annual_2005.htm
- SAS (.XPT) datasets: http://www.cdc.gov/brfss/annual_data/2005/files/CDBRFS05XPT.zip

2006
- Full documentation: https://www.cdc.gov/brfss/annual_data/annual_2006.htm
- SAS (.XPT) datasets: http://www.cdc.gov/brfss/annual_data/2006/files/CDBRFS06XPT.ZIP

2007
- Full documentation: https://www.cdc.gov/brfss/annual_data/annual_2007.htm
- SAS (.XPT) datasets: http://www.cdc.gov/brfss/annual_data/2007/files/CDBRFS07XPT.ZIP

2008
- Full documentation: https://www.cdc.gov/brfss/annual_data/annual_2008.htm
- SAS (.XPT) datasets: http://www.cdc.gov/brfss/annual_data/2008/files/CDBRFS08XPT.ZIP

2009
- Full documentation: https://www.cdc.gov/brfss/annual_data/annual_2009.htm
- SAS (.XPT) datasets: http://www.cdc.gov/brfss/annual_data/2009/files/CDBRFS09XPT.ZIP

Note: After downloading, copy the datasets (.XPT files) for the years 2004-2009 to the same subdirectory that contains all the program (.do) files.

Date Accessed (OHIE and BRFSS datasets): April 27, 2021

Software Requirements

- Stata (code was last run with version 14.1)
- LaTeX
- MS Excel

.ado Files

Place the following .ado files in the appropriate directory on your system. For instructions on storing .ado files, please refer to the manual available here: https://www.stata.com/manuals/u17.pdf

- bootstrap_statistics.ado
- der_MTO.ado
- der_MUO.ado
- treatment_effects.ado

Description of Programs

- Master Program: The "master.do" program describes the programs for extracting, cleaning, and analyzing datasets, as well as outputting files that generate the exhibits in the paper. Running the "master.do" file automatically executes all programs that are used in the paper, and it takes approximately 6-7 hours to run. Users interested in reducing the runtime can reduce the number of bootstrap replications. However, they might obtain different standard errors for some of the reported results in the paper.

- Programs Used in Data Preparation:
    - ohie_data_setup.do: Reformats the raw OHIE datasets and creates the main analytic dataset that I use to examine the Oregon experiment.
    - brfss_data_setup.do: Reformats the raw BRFSS datasets for the years 2004-2009 and creates the main analytic dataset that I use to for results involving the Massachusetts health reform.

- Programs Used in Data Analysis and Outputting Results for Exhibits: Further details on the mapping of exhibits to the corresponding program files is available in the "List of Exhibits and Programs."
    - ohie_sumstats.do
    - linmte_no_covars_graph_data.do
    - preER_adv_seln.do
    - linmte_no_covars_treat_eff.do
    - global_polynomial_all_specs.do
    - brfss_diff_diff.do
    - extrapolation_late.do
    - extrapolation_slate.do
    - late_reweighting.do

List of Exhibits and Programs

(1)	(2)	(3)	(4)
Figure/ Table	**Program File (.do) that Generates the Spreadsheet in Column 3**	**Spreadsheet(s) Containing the Data Used by the .tex File in Column 4 to Plot the Figure/Table**	**Corresponding Tag for the Figure/Table in the Manuscript (.tex/.pdf)**
Figure 1	linmte_no_covars_graph_data.do	linmte_no_covars_Y_num_oregonnumhh1.csv	udline
Figure 2	linmte_no_covars_graph_data.do	linmte_no_covars_Y_num_oregonnumhh1.csv	averages_Y_num_eqs
Figure 3	linmte_no_covars_graph_data.do	linmte_no_covars_Y_num_oregonnumhh1.csv	identified_outcomes
Figure 4	preER_adv_seln.do	preER_adv_seln.xls	preER_adv_seln
Figure 5	• ohie_sumstats.do (for the OR line) • brfss_diff_diff.do (for the MA line)	• diff_in_diff_ohie.xls (for the OR line) • diff_in_diff_brfss.xls (for the MA line)	extrapolation_or_srh
Figure 6	• linmte_no_covars_graph_data.do • linmte_no_covars_treat_eff.do	• linmte_no_covars_Y_num_oregonnumhh1.csv • linmte_no_covars_treat_eff.xls (for S.E. in the legend)	mte_linear_Y_num
Figure 7	global_polynomial_all_specs.do	global_polynomial_all_specs.xls	linmte_ptiles_Y_num_preutilization_line
Figure 8	global_polynomial_all_specs.do	global_polynomial_all_specs.xls	smte_Y_num_binned
Figure 9	-	Plotted directly using Figure 8 from Hackmann et al. (2015)	HKK_2015_mte
Figure 10	• extrapolation_late.do (for plotting "MA LATE" on the $\text{MTE}(p)$ line) • extrapolation_slate.do (for plotting the $E[\text{MTE}(p, X_{MA})]$ line)	• extrapolation_late.xls (for plotting "MA LATE" on the $\text{MTE}(p)$ line) • extrapolation_slate.xls (for plotting the $E[\text{MTE}(p, X_{MA})]$ line)	extrapolation_or_ma_Y_num
Table 1	linmte_no_covars_treat_eff.do	mte.tables.xlsx (sheet "sumstats_Y_num_UOT," which uses "linmte_no_covars_treat_eff.xls" as input)	sumstats_Y_num_UOT (the .pdf is generated directly from the mte.tables.xlsx spreadsheet)
Table 2	• ohie_sumstats.do (for the top panel) • brfss_diff_diff.do (for the bottom panel)	mte.tables.xlsx (sheet "ohie_brfss_sumstats_new") • Top panel uses "diff_in_diff_ohie.xls" as input • Bottom panel uses "diff_in_diff_brfss.xls" as input	ohie_brfss_sumstats_new (the .pdf is generated directly from the mte.tables.xlsx spreadsheet)

In-Text Numbers

The following in-text number in the paper is obtained from the "late_reweighting.do" file: *"To illustrate a plausible approach, I calculate a LATE within each joint realization of age (an indicator that age is at least the Oregon median), sex, and English-speaking status in Oregon. I then take a weighted average of these eight LATEs, with weights determined by the joint frequency of the three variables among Massachusetts compliers. This approach yields an increase of 0.23 visits among Massachusetts compliers, which is positive and therefore cannot reconcile the results."*

All other in-text numbers are based on statistics reported in the tables and figures.