Datasets (DTA files)

- **eventStudyPanel_raw_[a,b,c]:** panel of monthly water savings coupled with rebate program participation information. Note that these three datasets must be stacked (appended) to each other to create the full "eventStudyPanel_raw.dta" dataset required for generating the water savings results.

- **eventStudyPanel_matched:** as above, but incorporates the results of a matching procedure whereby rebate program participants are matched to non-participants.

- **applications:** a file listing application and enrollment dates for rebate program participants; required in conjunction with the "eventStudyPanel_[raw,matched]" datasets for generating various water savings results.

- **hedonic_panel:** panel of housing price sales coupled with rebate program participation data, and neighbors of rebate program participation data used in the home price analysis.

- **(Confidential) energy use data:** energy data used to create the energy savings results is protected by an NDA with the energy utility.
    - For requesting energy data, every utility will handle this differently. I would suggest contacting either the legal or regulatory department. My contact at NV Energy was the Regulatory Policy Director.
    - Please see section 4.1 of the paper for a description of how energy use data obtained from the energy utility was combined with the water use panel.

Notes regarding compiling final datasets

- **createFullPanel.do** articulates the logic followed to create **eventStudyPanel_raw** from raw water use and rebate program participant information provided by the water authority.

- **createHedonicPanel.do** articulates the logic followed to create **hedonic_panel** from rebate program data provided by the water authority and the Clark County Assessor.

- **createMatchedPanel.do** provides code to create the matched panel from **eventStudyPanel_raw**. Note that this code needs to be run in order to replicate the results for Figure 4b and Figure 5b.

Replicating tables and figures

- **Preliminary:** the replication code requires an analysis folder with the following subdirectories:
  - *Input:* datasets (e.g. eventStudyPanel_raw) should be stored here
  - *Intermediate:* non-final and temporary datasets will be stored here
  - *Output*: final datasets and results will be stored here
  - *Figures*: figures will be stored here

- **Figure 1:** run 'figure1.do'

- **Figure 2:** run 'figure2.do' (this also plots the residuals figures in the online appendix)

- **Figure 3:**
  - To generate Figure 3a, run 'figure3a.do' (this also generates regression results for the event study with respect to the enrollment date)
  - To generate Figure 3b, run 'figure3b.do' (this also generates regression results for the event study with respect to the enrollment date)

- **Figure 4a and Figure 5a:** run 'figure4a_figure5a.do'

- **Figure 4b and Figure 5b:** run 'figure4b_figure5b.do'

- **Figure 6:** 'figure6.do' describes the logic used to create the event studies from confidential energy use data

- **Figure 7:** see 'figure7_readme.txt' for further details

- **Table 1 and Table 2:** run 'table1_table2.do'
  - Table 1 is output as 'sumstats_table_full.tex'
  - Table 2 is output as 'sumstats_table_matched.tex'

- **Table 3:** first run 'table3_step1-regressions.do' then run 'table3_step2-createTable.do'
  - note that these files also generate other results contained in the online appendix
  - Table 3 is output as 'table_3_lev.tex'

- **Table 5:** 'table5.do' describes the logic used to create the regression results from confidential energy use data

- **Table 6 and Table 7:** run 'table6_table7.do'
  - Table 6 (panel a - all sales) output as 'table_6all.tex'
  - Table 6 (panel b - repeat sales) output as 'table_6reps.tex'