Deliverable 2: Proposals with summary statistics

Due by Friday, November 12th at 11:59pm

Submit a knitted R Markdown file with 5 sections (including output, and where applicable):

1. **State research question(s)**

2. **Motivation**

   - What do you hope to learn from the proposed analysis? What are the policy implications? What policy context should we know?

   - Are the (potential) mechanisms linking your policy variable(s) of interest and outcomes clear to the reader?

3. **Data**

   - Describe your data sources, how was your data generated, the unit of observation and representative population.

   - Describe how you will measure key variables (outcomes, policy/treatment variables) and any control variables that may be important to account for (explain why)

4. **Preliminary exploratory analysis**

   - Show descriptive stats to summarize the distribution of these variables (using charts and/or tables), e.g. describe variation over time and/or between relevant groups

   - Make sure to describe sample variation in your policy variables of interest and outcomes.

5. **Empirical strategy**

   - Carefully describe the analysis you plan to do. Think about research design and the policy variation you'll investigate in your regressions.

   - Outline key steps to prepare the data for analysis (data cleaning, recoding, merging, appending, aggregation, etc.).

   - Highlight key limitations you will need to address – be specific!

6. **Appendix**

   - Include your coding work to-date for importing, cleaning, recoding, restructuring and joining input data sources.

Tips:

   - use code chunks to generate and present summary statistics
   - don't clutter your write-up w/code (you can include more in an Appendix)