Homework 4:

Quantitative Research Methods

TSCS Analysis

Due end of day Friday, May 27, 2022

This is a very difficult homework. The purpose is not to finish, but to practice what you would need to do to be a quantitative researcher. I would like you to spend no more than 2.5 hours on the code. You only need to turn in your code, not a report. Once 2.5 hours is over, simply spend ten minutes or so writing in comments in your code what you would have liked to do given more time. This will not be graded on completion, but on your approach and thought process. Feel free to ask questions, but I may choose not to answer. Think of this as a test (but hopefully less stressful). You are still welcome to work in groups, but make sure you know what your partner(s) is/are doing.

You need to first find the CSES Integrated Module Dataset and its codebook. You then need to clean or manipulate the data to ask the following two questions (you may need to download and merge other data sources):

1) How does the health of the economy impact turnout?

2) Is the effect conditional on self ideological placement?

In answering these questions, you need to conceptualize the variables and choose what to analyze (e.g., which type of election, how to capture economic health, etc.). You also need to choose an appropriate TSCS model, and justify your choice briefly in comments. Any

control variables need to be justified. If there are data you would like but cannot find or are unobservable, mention this.

Of course, if the instruction is unclear, you can ask. For the data, codebook, approach, etc., you should try your best to use our old code, Google, StackOverflow, etc. Good luck.