Bootcamp Final Assignment

August 15, 2016

Now that you have been introduced to R, Stata, and LaTeX, it is time to conduct an actual data analysis and write up the results in LaTeX:

1. Load "hellwig_samuels_2007_replication.dta" into either Stata or R. This is replication data for a 2007 Comparative Political Studies article on economic voting.

2. We think that incumbent vote (`incvotet`) is a function of the previous level of incumbent vote (`incvotet1`), the percent change in real GDP per capita (`dgdp`), trade openness (`tradeshr`), the election type (`electype`), and capital flows (`grosscap`):

$$Vote_{it} = Vote_{it-1} + \Delta GDPpc_{it} + Trade_{it} + ElecType_{it} + Capital_{it} + \varepsilon_{it} \quad (1)$$

3. Describe and summarize the data as necessary. This could be done using plots and/or summaries of the distributions.

4. Run the regression above. Be sure to interpret the results. What explains incumbent vote?

5. Run any regression diagnostics you think are necessary. Is there any reason to doubt the results?

Be sure to include everything above in your LaTeX writeup. Include figures and tables as necessary. And be sure to cite at least one author (it doesn't have to be related to economic voting) in your LaTeX writeup!