## **Problem Set 7**

## The American National Election Studies

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## Data Work

- 1. Browse Bartels (2000) "Partisanship and Voting Behavior, 1952-1996". Using the Cumulative American National Eleciton Studies (ANES) file, replicate both parts of Figure 1.
  - Note: you can get very close on the top half of figure 1. The bottom half, however, will look a little different in the early years due to Bartels having access to a different version of the ANES than is currently publicly available.
- 2. Extend the analysis to include recent years as well.
- 3. Extend the analysis to 2024, using the 2024 ANES file. (This will require using the 2024 file in conjuction with the cumulative file.)
- 4. Create figures that include midterm election years as well.
- 5. Original Work: explore the codebook for the ANES. Find two interesting variables and create compelling univariate graphs to illustrate their central tendency, distribution, and spread.
- 6. Bonus: Replicate Figure 2 from Bartels as well; add in recent years and 2024.

## **Submission**

Your completed assignment should include a copy of your .R script file(s) (with comments, etc) used to code the variables and do the analysis, a .quarto file that contains your writeup and figures, and a .PDF file with all of your (properly labeled and attractively laid out) tables/figures.

In your writeup, address the following questions:

- 1. Where did you encounter problems with this replication? Was there anything that was particular tricky?
- 2. How would you interpret (explain) what Bartels found in figures 1 & 2?
- 3. Has anything changed since 1998 that would alter the substantive takeaway points in their findings?
- 4. Does anything change about the analysis in a substantive way when you include midterm election years?