

PSC 400

SYRACUSE UNIVERSITY

DATA ANALYTICS FOR POLITICAL SCIENCE

TEXT AS DATA

ASSIGNMENTS

- **Data Analysis Memo 5 due on Friday**
- **Final problem set is posted**

NEXT WEEK

- **Web Scraping**
 - Sebastian Karcher (Associate Director, Qualitative Data Repository)
- **You'll need:**
 - Chrome browser
 - Chrome extension CSS Selector Gadget:
<https://bit.ly/3t1dc9c>
 - 3 R packages

HOMEWORK REVIEW

Then, on a given day, Obama is predicted to receive all electoral college votes for a state if his closing price (predicted vote share) is higher than McCain's in that state. If his closing price is lower than McCain's, he is predicted to receive zero electoral college votes in that state. For each day from 120 days to one day before the election, compute the number of electoral college votes Obama is predicted to receive (the best way to do so is to use a loop). Plot the results, with time until the election on the horizontal axis and predicted number of electoral college votes on the vertical axis. Make sure to label the axes. Also plot a dashed horizontal line that indicates the number of electoral college votes Obama actually received (365). Briefly summarize the graph.

TEXT AS DATA

- **Some questions about Federalist Papers**
 - **What are the topics of the different papers about?**
 - **The authorship of some of the papers is disputed.
Who wrote them?**

DATA

Table 5.1. *The Federalist Papers* Data.

AFTER an unequivocal experience of the inefficiency
of the subsisting federal government, you are called
upon to deliberate on a new Constitution for the
United States of America.

⋮

This shall accordingly constitute the subject of my next
address.

Note: The data consists of the raw text of each of 85 essays in *The Federalist Papers*. The first and last sentences of *The Federalist Paper* no. 1 appear here as an example.

- **federalist.zip**