

Each row in the dataset represents a new presidential inauguration speech

Variables

Name

- Name of president
- Categorical variable

Political Party

- President's political affiliation
- Categorical variable

Unifying Words Count

- Total number of unifying words used in inaugural speech
- Numerical (discrete) variable

Polarizing Words Count

- Total number of polarizing words used in inaugural speech
- Numerical (discrete) variable

Total Words Count

- Total number of words used in inaugural speech
- Numerical (discrete) variable

Overall Language

- Dominant type of language used in inaugural speech
- Categorical, binary (e.g. 'unifying', 'polarizing')

Unifying Words Ratio

- Ratio of unifying words to total words
- Numeric (continuous)

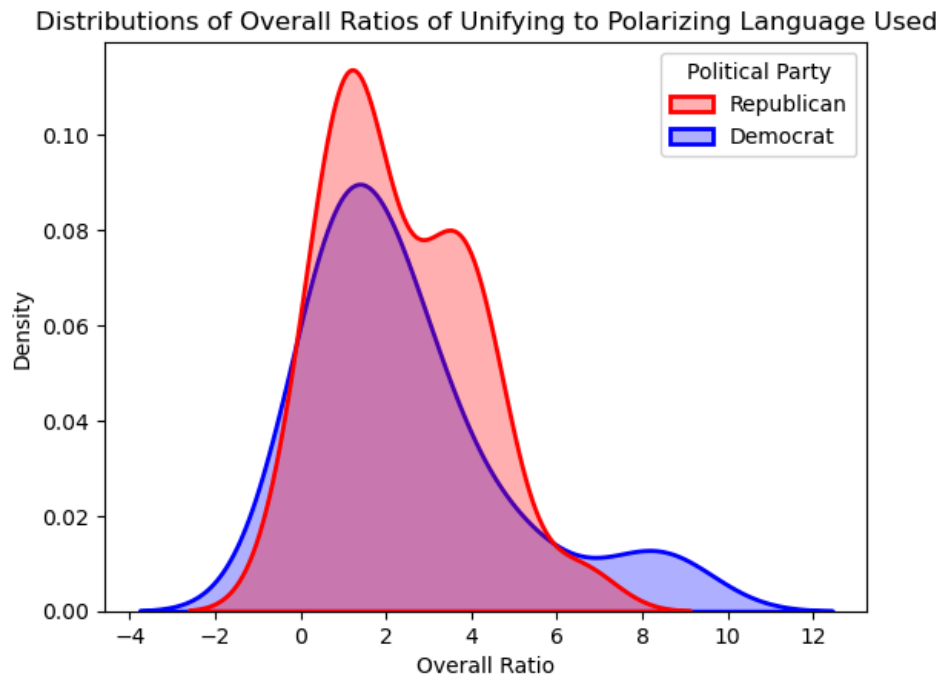
Polarizing Words Ratio

- Ratio of polarizing words to total words
- Numeric (continuous)

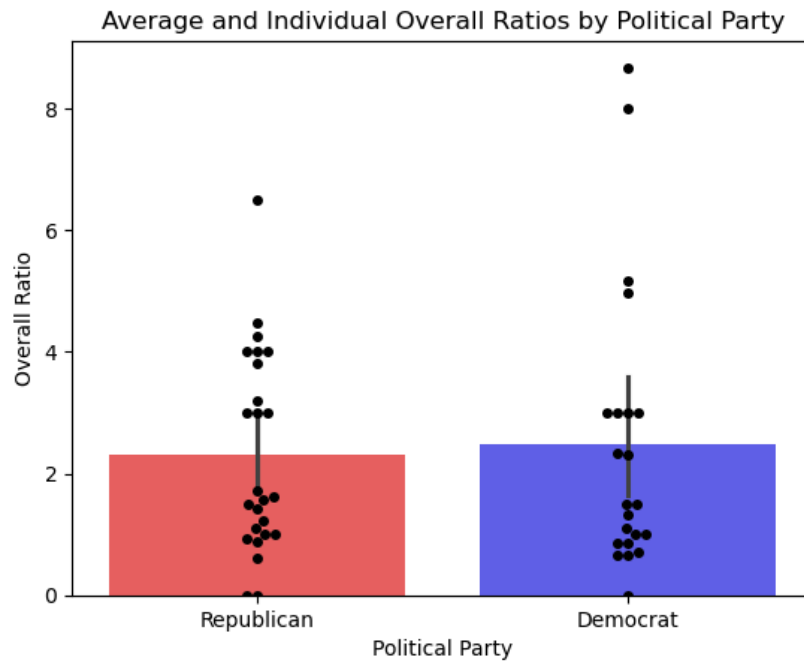
Overall Ratio

- Overall ratio of unifying to polarizing words used in inaugural speech
- Numeric (continuous) variable

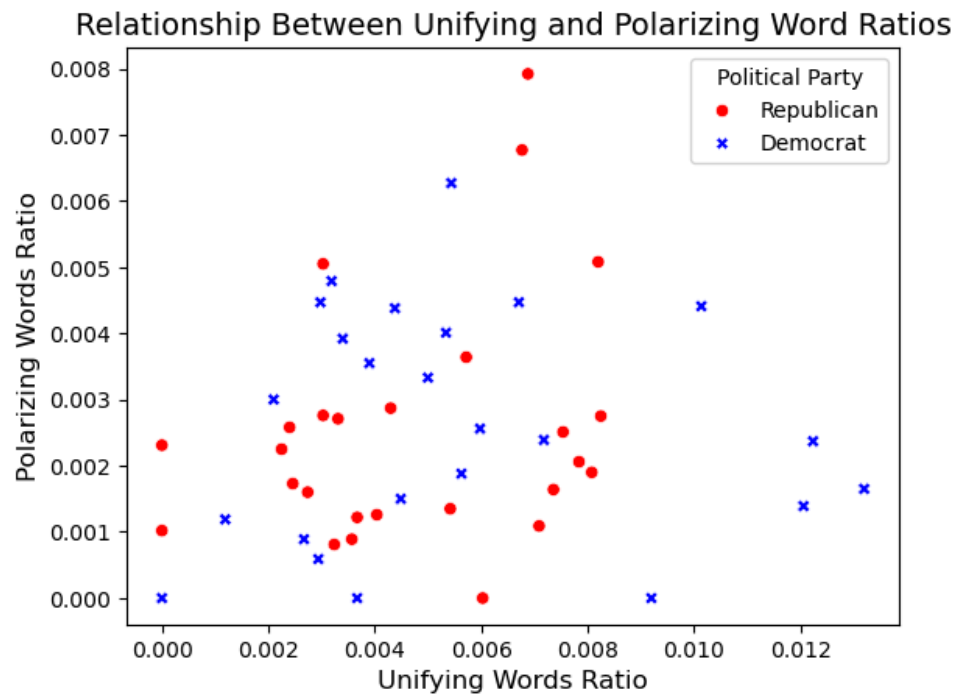
Plot 1: *Distributions of Overall Ratios of Unifying to Polarizing Language Used by Presidents in Inaugural Speeches*



Plot 2: *Overall Ratios of Unifying to Polarizing Words by Political Party (Individual and Average)*



Plot 3: *Relationship Between Unifying and Polarizing Word Ratios by Political Party*



Plot 4: *Total Word Count vs. Overall Ratio by Political Party*

