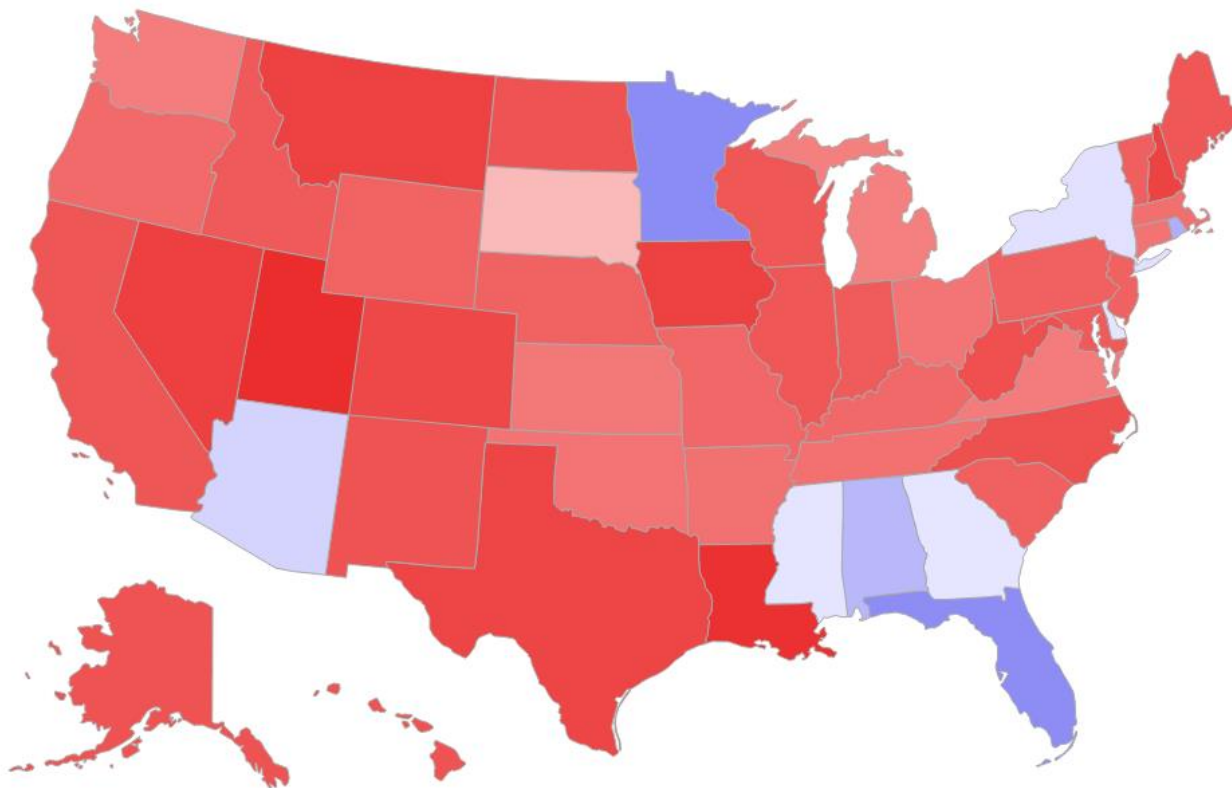# A Summary of US Presidential Election Results during 1956 - 2012

Yifeng Song, 05/10/2016

Interactive US Map

Boxplot of Average Vote Margin by State

Can switch between "Rank by Margin" Or "Rank by State"

Rank by Margin ▼

It is interesting to look at the US Presidential Election results by State. We can investigate the data either by comparing the different State in across-sectional way at each election year or by keeping track of how the political climate was changing in each State over the years. So the first visualization is a US map which uses the color difference to display the results of each state. The vote margins for each state is calculated from the raw data, namely Republican votes minus Democratic votes, instead of the absolute votes received by each Party. The darker the color, the bigger the vote difference between the two Parties. The tool tips are enabled to display the value of the margin for the particular State upon mouse hovering.

Year: 1956

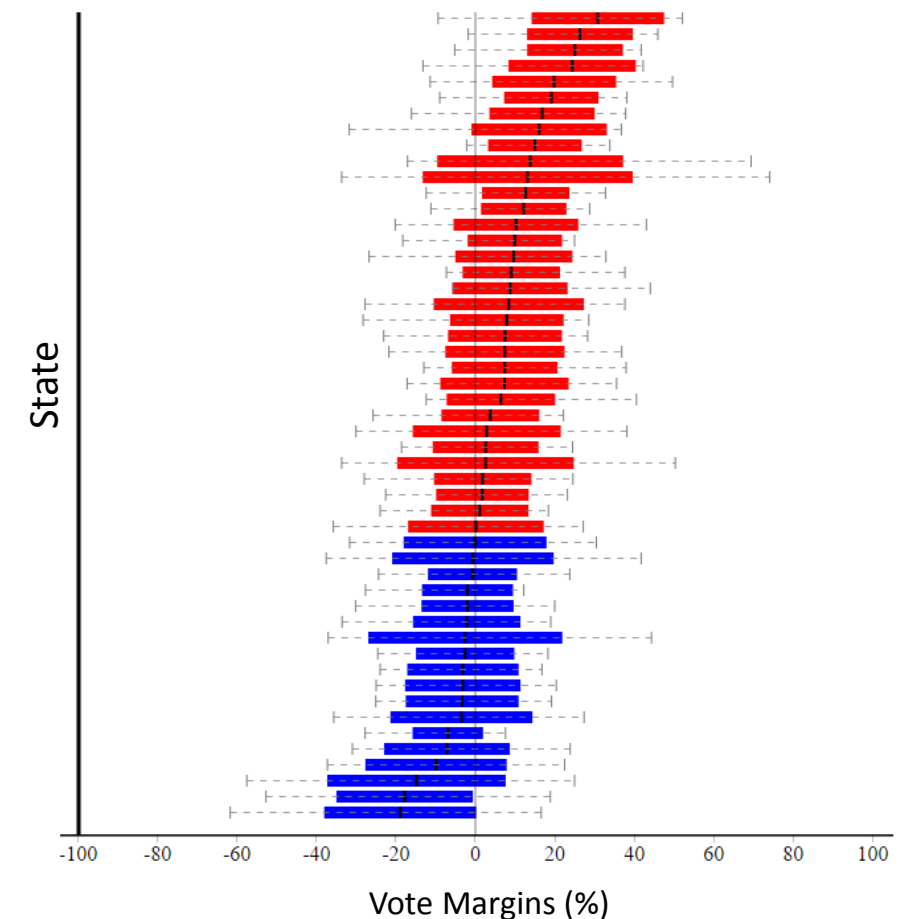### Presidential Election Vote Margins by State

State

Vote Margins (%)

Slider bar for selecting Election year (1956 − 2012)

For this visualization, the average vote margin of each State during the last 60 years (15 Elections in total) was calculated along with its standard deviation, maximum and minimum values. The black vertical line in the center of each box corresponds to the average margin, while the width of the box displays the variations of margin for each state, and the gray-colored vertical lines shows the maximum and minimum margins. Originally, the states are ranked by the alphabetical order from top to bottom, but the user can select "Rank by Margin" option so that the boxes can be displayed in descending order based on their margin. Upon hovering on each box, the State name will show up.