

# graphical\_elements\_exercise

Following the directions on the Coursera assignment page, you will make four original visualizations. Note that the data for the CCES and CEL data are imported in code in the R Markdown file.

Put your name here: Shayla Wu

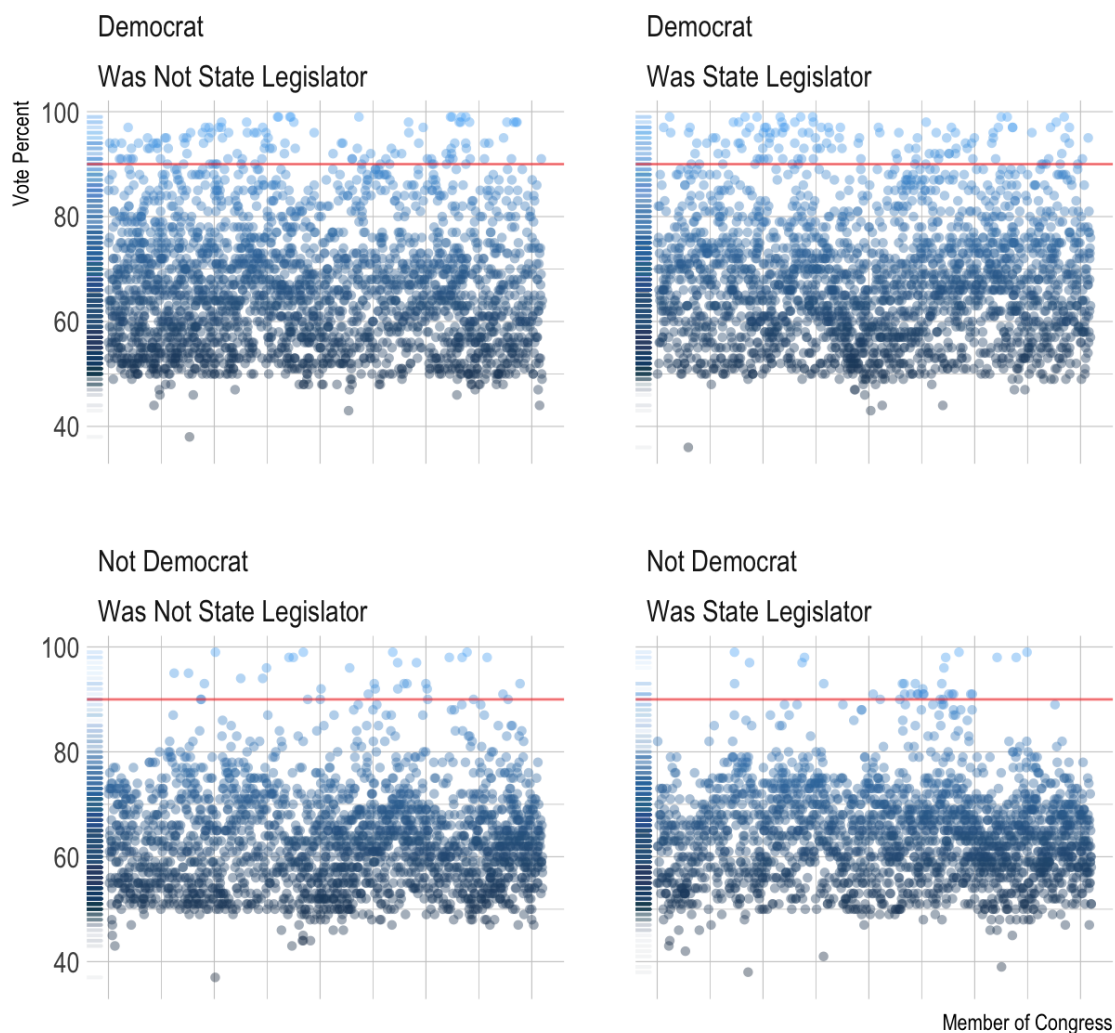
## Exercise 1

Explain what you are visualizing here:

1. Besides those full-vote MC, visualize vote-percent each MC won.
2. Group by whether the MC is Democrat and whether was state legislator.
3. Use **theme\_ipsum**

Put your figure here:

### Poll of Congress Members



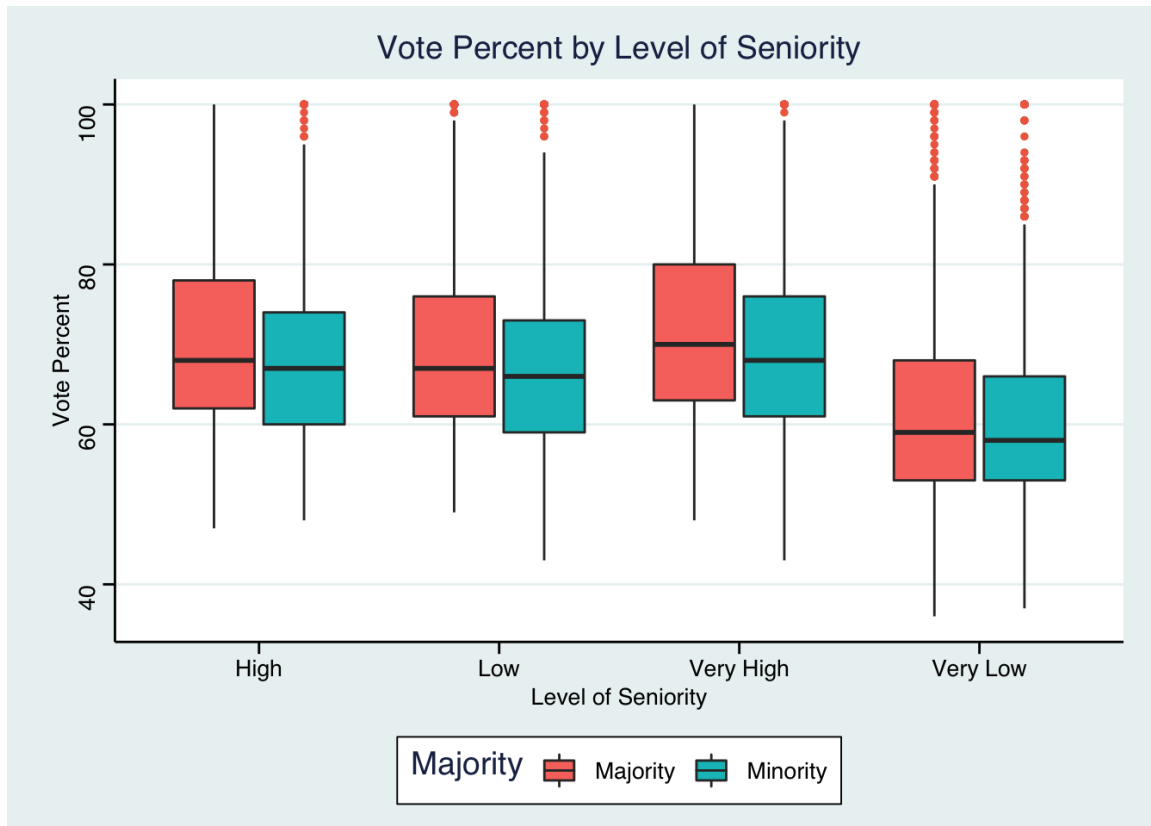
## Exercise 2

Explain what you are visualizing here:

1. Devide MC into 4 groups based on vote percents.
2. Summarise the distribution of vote percent for each group by boxplot.

3. Compare horizontally between majority MC and minority MC.
4. Use `theme_stata`

Put your figure here:

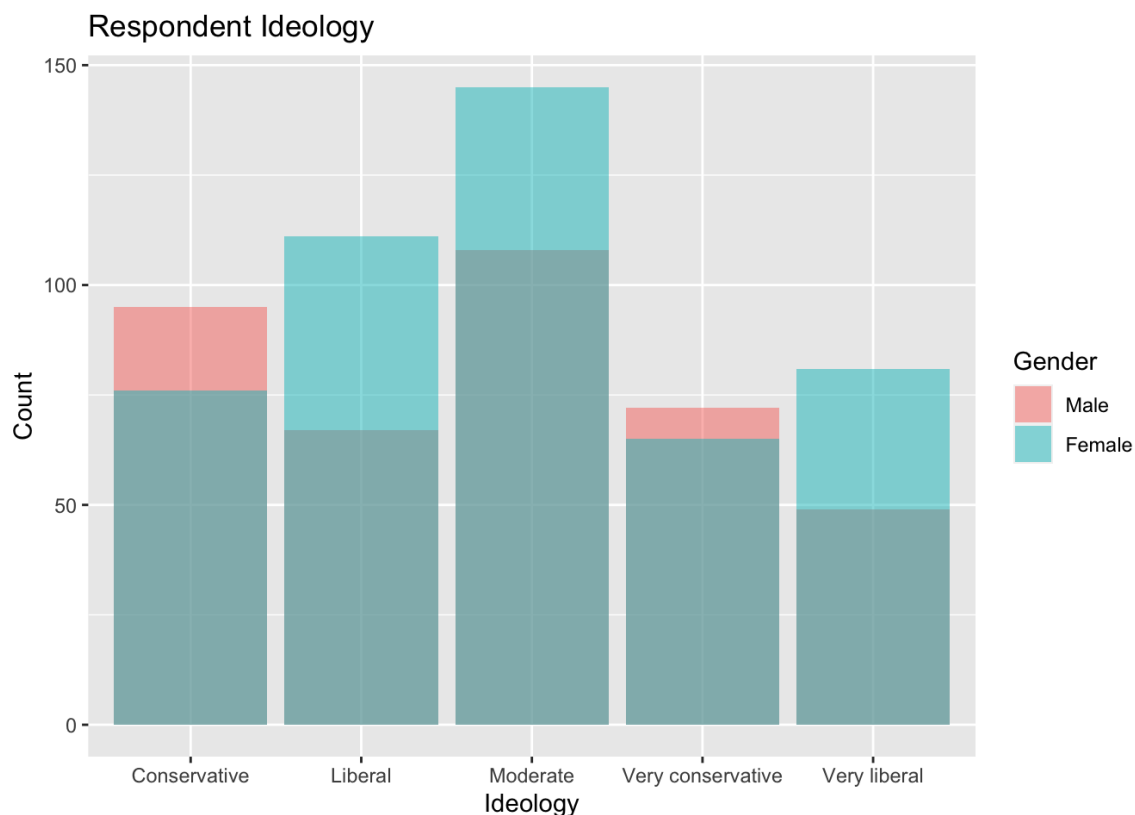


## Exercise 3

Explain what you are visualizing here:

1. Visualize respondents' ideology by bar plot.
2. Visualize gender difference by fill color and overlap bars.

Put your figure here:



# Exercise 4

Explain what you are visualizing here:

- 1. Visualize bill introduction by states over years (started from 1981)
- 2. Compare bill introduction by regions
- 3. Use `theme_ipsum`

Put your figure here:

A Spaghetti Chart of Bill Introduction

