Agenda for final month

- Apologies for changing timing on proposal due dates

- You should have had your proposal approved by today

- If you aren't sure if your proposal is approved, it isn't

- Next class (5/7), be prepared to share what you've done so far

- Final projects due 5/21

Last module's homework

- Solutions posted on GitHub

Popular javascript tools for data visualization

- Google Charts
- d3.js
- processing.js
- many others for charting

Digging into Google Charts

· There are actually two libraries: Charts & Visualizaions

· You have already worked with these! (googleVis in R)

· Now working with the js directly

· Docs are at https://developers.google.com/chart/

Google Charts considerations

- Not open source, can't be self-hosted!

- Motion charts are Flash-based

- Security is unclear

Digging into d3.js

- Usually done on svg

- Lower level but very well thought out

- Extremely flexible

- Method chaining

- Good documentation at https://github.com/mbostock/d3/wiki

d3.js

- Usually done on svg (<IE 9 issues)
- Not intuitive at all
- Requires CSS work

This module's homework

- Get final approval on your proposal
- Create a d3 AND a google charts visualization with your data

Final presentation

- If you are working with d3 (and I hope you do) start early!
- Ask me for help! josh.laurito@gmail.com