

Weekly Project SCRUM Report

Date: 03/24/21

Project Name: Baystate Banner: LatinX Republican Support

Team Members:

Ngozi Omatu

Song Xie

Matan Ziegel

Gil Lotzky

Anna Xie

Tasks Completed this Week:

- Create line charts in addition to the bar graph for the presidential and governor data
- Find which neighborhoods, cities, and districts have higher levels of support for Donald Trump
- Find correlations between population vs voter, or subgroup vs voter
- Process and use the data for Governor demographics to analyze

Plans for Next Week:

- Add line charts in addition to the bar graph to Deliverable 2
- Focus more on creating percent latinX pop map, i.e. show only cities with certain % latinX
- Try to do correlation on the tract level rather than just cities
- Showing the change in vote on the tract level
- Using red and blue color (change the color of latinX pop and change in democratic and republican)
- Using a stacked bar graph for pop and demographic vs republican voting
- Get the address point for the centroid of each tract
- Potentially work with 1 precinct per tract
- Potentially pick towns rather than cities
- http://archive.boston.com/news/local/massachusetts/graphics/03_22_11_2010_census_town_population/
- Use the geopanda demo to estimate the tract and match with precinct instead of doing it by hand.
- Re-review the demo with PM, clean up and refine the analysis of the six cities, , deliverable 2
- When submitting Deliverable 2, don't forget how we do pull request
- Add screenshots of code to deliverable

Obstacles and Questions:

- There is some difficulty answering one of the key questions: Which LatinX groups exhibited changes in their votes and which groups remained the same?
This is due to lacking data that connect city election results and city demographic data, i.e. unable to break down city election results by demographics as we are only given each city's aggregate election results.

When is the next meeting with the client?

Next client meeting on 03/31

