PLAN 390 Homework 4 Write Up

Link to my Github repository containing my R code: https://github.com/akunna1/PLAN-390-HWK-4.git

Use the scraped data to calculate whether Republican or Democratic senators have been in office for more terms, on average. If there are any NAs, examine the pages for those senators, and address them and describe how you did so in you r writeup . [ 1 to see what is causing them pts]

Form my r.script file:

**Party Total.Terms**

1 Democrat 63

2 Republican 89

**Party Average.Terms**

1 Democrat 3.000000

2 Republican 3.178571

Republicans have been in office for more terms on average. In the calculation, I used na.rm = TRUE to remove all the NA values. There are NA values because some senators resigned and some died in office.

Plots

Plot 1: shows the entire North Carolina

Diagram

Description automatically generated

Plot 2: shows the Republican Senators in North Carolina and their terms

A picture containing diagram

Description automatically generated

Plot 3: shows all the Senators in North Carolina and their terms

Chart, surface chart

Description automatically generated