Replication Materials for Trussler

"The Effects of High Information Environments on Legislative Behavior in the US House of Representatives"

Prepared November 2020

This folder contains the material and code necessary to reproduce all figures in the main text and appendix of this paper. In this document I describe each of the files and variables. To duplicate the findings in the main body of the paper, please access the R script "TrusslerLegislatorMainAnalyses.R".

Files

Redistrict Legislator Response Data – The data for the main analysis. Tracks each legislator in the 107th and 108th sessions of Congress, where the value of variables represents the changes due to redistricting.

Panel Legislator Response Data - Data for supplementary analysis which tracks legislators from the 108th-111th sessions of Congress.

All Years Legislator Response Data – Data for figures which tracks each legislator from the 107th to the 111th sessions of Congress.

Redistrict Legislator Response Data PLACEBO – Data for the placebo tests. Data for all variables (except broadband) are constructed for districts using the change from the 102nd and 103rd sessions of Congress.

108ZCTACD - Data on the relationships between Zip Codes and Districts from the 108th Congress.

2000StatehouseControl – Data on which party controlled statehouses in 2000.

CPS Internet Merged – Individual level data from the CPS Internet Supplement.

FCCDataJune2000 - Data on broadband levels in Zip Codes in June of 2000.

Main Estimates - The regression model output from the main findings, used for the placebo figure. (Also generated automatically in analysis)

Partisan Control Bootstrap – Results from a bootstrap procedure. Can be reproduced using Appendix file, but is computationally intensive.

ParyUnitySeries – Party Unity scores from the 80th to 113th Congresses.

PlaceboBootstrap – Results from a bootstrap procedure. Can be reproduced using Appendix file, but is computationally intensive.

Redistricting Coefficients – Coefficients from main findings. (Also generated automatically in analysis.)

Variables

unique A unique identifier for the district and election year for the observation.

members.unique A unique identifier for the district and the session of congress for the observation.

icpsr.id.unique A unique identifier for the session of Congress and the member's icpsr.id number

name The members name.

icpsr.id The member's ICPSR id number.

congress The session of Congress.

year The election year which produced the session of Congress

state The member's state

cdfip The fips code of the member's district.

party The party of the representative where Democrat=100, Republican =200, and Other=328

providers The number of broadband providers operating in the member's district for a given Congress. (Only in the "Panel" dataset.)

providers.redist The number of broadband providers in the member's district for a given Congress, as determined by re-allocating the average number of providers across the 107th and 108th sessions of Congress to the member's district before and after redistricting. (Only in the "Redistrict" dataset).

party.unity The member's party unity score.

pres.voting The percent of the time the members votes with (if same party) or against (if different party) the president.

ig The member's interest group score for party-aligned interest groups.

dv The percentage of the vote that was for the Democrat in the member's district.

dwnom1 The member's first-dimension DW-NOMINATE score.

ext.ideo1 The absolute difference between the members DW-NOMINATE score and 0.

ext.ideo2 The absolute difference between the members DW-NOMINATE score and the median DW-NOMINATE score.

constituency The percentage of a member's committee assignments that are constituency orientated.

district.partisanship The percentage of the presidential vote in the member's district that went to the candidate for president of the same party.

med.age The median age in the member's district.

med.income The median household income in the member's district.

perc.poverty The percentage of residents in the member's district living under the poverty line.

pop.density The population density of the member's district.

perc.white The percentage of the member's district identifying as White.

perc.black The percentage of the member's district identifying as Black.

perc.bachelor The percentage of residents in the member's district with at least a Bachelor's degree.

pop The population of the member's district.

state.full The full name of the member's state.

state.fips The fips code of the member's state.

state.alpha The member's state's position in alphabetical order.

state.icpsr The members state's icpsr code.