

1 Overview

At our previous meeting we decided to:

- Get differences between Senate pairs based on their place in the term
- Add title page to draft
- Drop tests other than differences from the current draft
- Fix tables and figures in the draft
- Make reference to correlational/causal inference in reference to tests included in draft

The first of these is shown below, the rest are in the appropriate places of the paper draft for this week.

2 Paired Differences, Place in Term

Below are tables for the difference tests of Senator pairs broken down by place in term. The included 95% one-tailed confidence intervals were produced by bootstrapping by state and Congress. Taken individually, the results for pairs are generally within our expectations, but viewed together we find that the confidence intervals for Senators up for reelection compared in either set of tests overlaps with that of the difference between Senators in the 2nd Congress of a term with those in the 1st congress in a term.

Table 1: Differences Between Same-State Senators in 3rd and 2nd Congress in Term

Group	Test	Estimate	Lower_CI	Upper_CI
Term Parts 3 and 2	Party Call Diff	-1.704	-4.615	-0.838
Term Parts 3 and 2	Party Free Diff	-0.774	-2.601	0.205
Term Parts 3 and 2	Diff-in-Diff	-0.930	-2.714	-0.192

Table 2: Differences Between Same-State Senators in 3rd and 1st Congress in Term

Group	Test	Estimate	Lower_CI	Upper_CI
Term Parts 3 and 1	Party Call Diff	-1.436	-4.224	-0.520
Term Parts 3 and 1	Party Free Diff	0.169	-1.093	1.575
Term Parts 3 and 1	Diff-in-Diff	-1.605	-3.907	-1.226

Table 3: Differences Between Same-State Senators in 2nd and 1st Congress in Term

Group	Test	Estimate	Lower_CI	Upper_CI
Term Parts 2 and 1	Party Call Diff	-0.867	-2.970	0.262
Term Parts 2 and 1	Party Free Diff	-0.607	-2.297	0.415
Term Parts 2 and 1	Diff-in-Diff	-0.260	-1.608	0.836