2018 U.S. Midterm Popular Vote Estimation

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11/27/2018

2018 U.S. Midterms

- Took place on Nov. 4th 2018
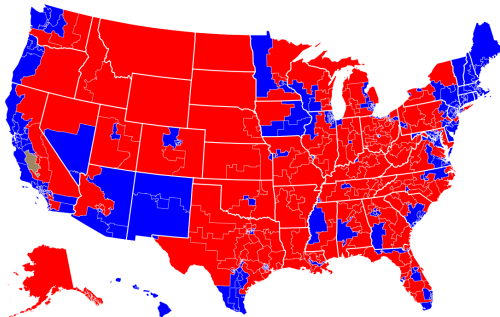- Data: 309 "generic ballot" polls from Real Clear Politics

Figure 1: Current results

Initial Bootstrapping

- Naive estimate: equal weighting of polls

- Estimated difference in proportions: Dem $+7.32\%$

  95% Bootstrapped CI: (6.96%, 7.69%)

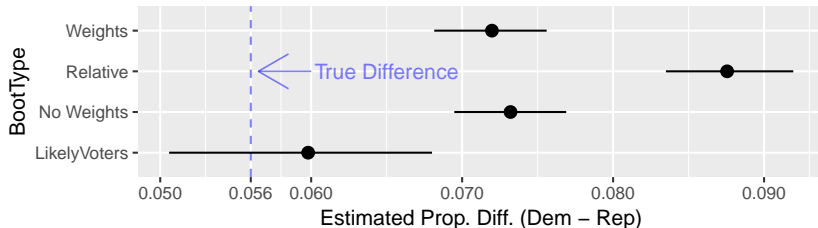- Compare with the *current* results from The New York Times: Dem $+5.6\%$

Other Attempts

- Change probability of being selected in the bootstrap
    - Higher weight for recent polls and *likely voters*
- Use "relative support" to account for undecided/independent

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Comparing estimations of 2018 U.S. Midterms

Thank You!

Other features of project in Github:

- Regression on difference in proportions

- Additional weightings

- Attempts at streamlining bootstrapping from surveys

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Link to my Github repo