

Real Time Tracking and Analysis of Election Polling in Israel

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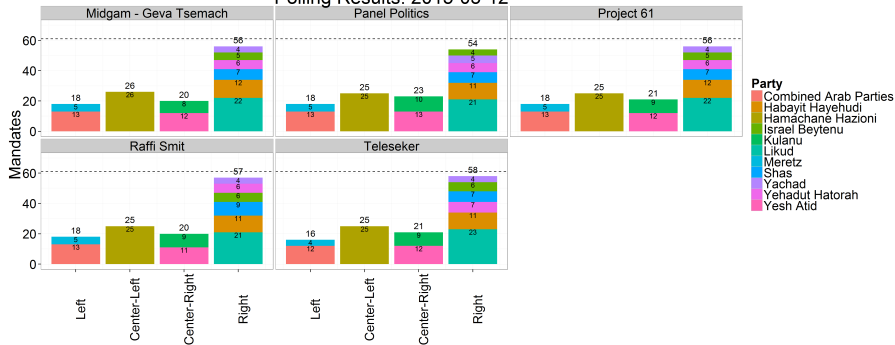
May 28, 2015

An open source web application which gathers continuously updated polling information to one interactive location

- Stay Up to Date
- Interactive Plotting with Raw Data
- Party Mandate Simulator
- User Generated Coalitions

Up to Date Polls

Polling Results: 2015-03-12



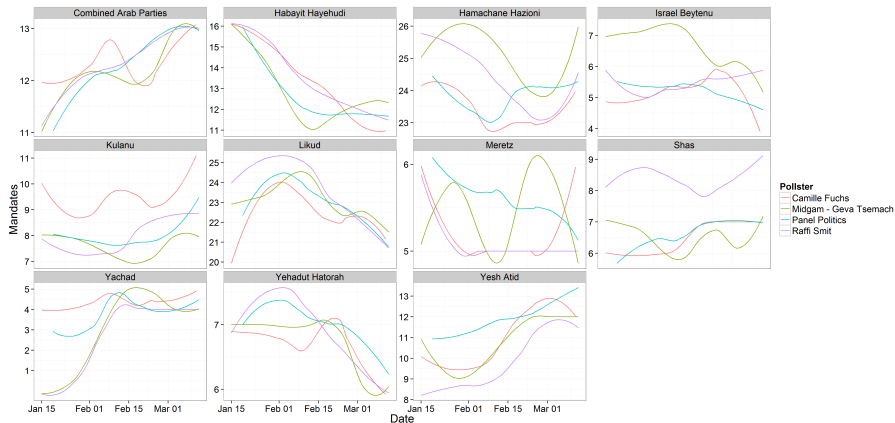
Stay up to date with latest polling results from all the pollsters

Interactive Graphs



Freedom to choose dimensions and layout of the data to view

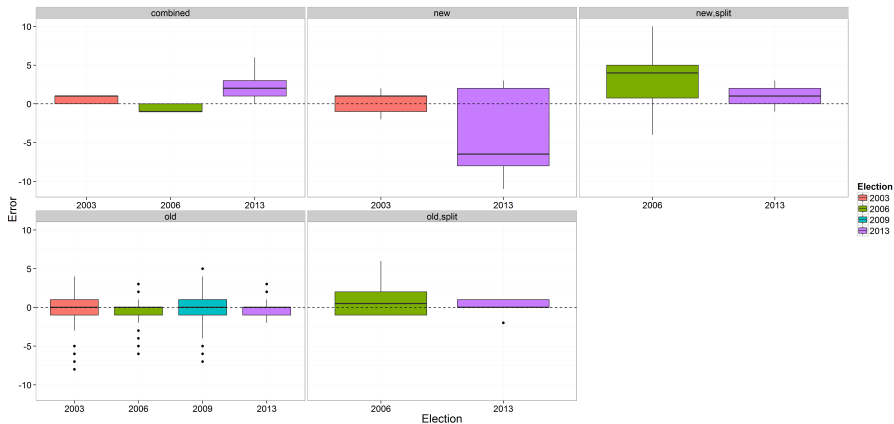
Example: Cross Section Analysis



<https://yonidc.shinyapps.io/Elections>

Comparison of pollster results within parties to find public sentiment variability and pollster estimation bias

Example: Longitudinal Analysis



<https://yonidc.shinyapps.io/Elections>

Compare party outcomes or pollster errors across elections

Mandate Simulator

Number of Last Polls to Use



Choose One

☐ Build Coalition
 ☒ Simulation Results

Plot Language

☒ English
 ☐ Hebrew

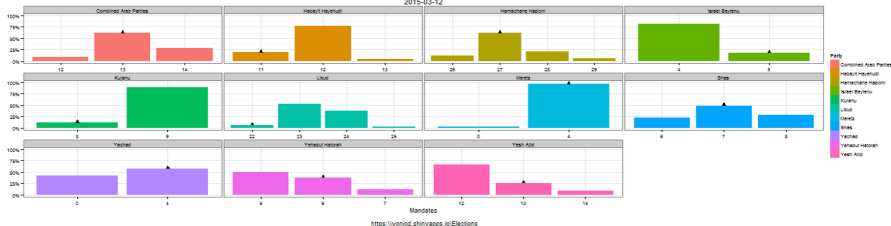
[Download Plot](#)

Simulation Size

☐ 50
 ☒ 100
 ☐ 500
 ☐ 1000

Each subplot sums to one, and each bar is the percent each mandate resulted in each iteration. 0 mandates indicate a party that did not pass the mandate threshold in the simulation

Distribution of Simulated of Mandate Results Conditioned on Mandate Threshold and Surplus Agreements
Triangle shows the Median Published Result
2015-03-12



Bootstrap simulation is performed using the published sampling error to reproduce the distribution of mandates for each party.

