

# Real Time Tracking and Analysis of Election Polling in Israel

Jonathan Sidi

Department of Statistics, Hebrew University of Jerusalem

May 28, 2015

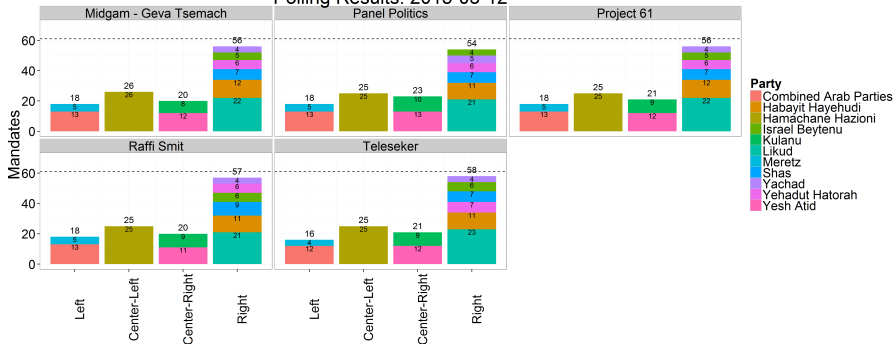
An R based open source web application which gathers continuously updated election polling information to one interactive location

Free, Simple, Transparent

# Stay Up To Date

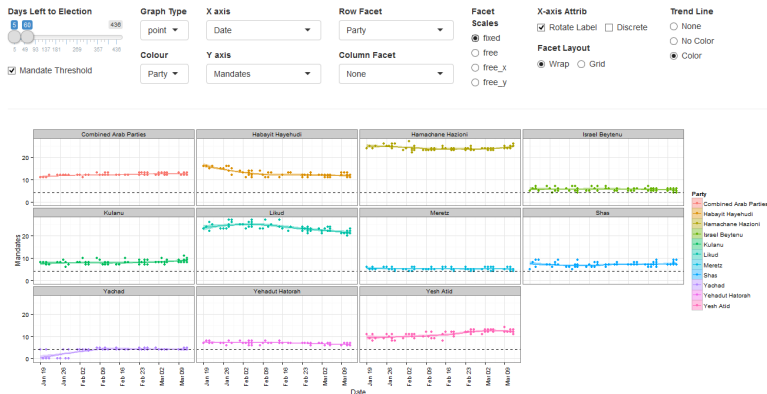
Stay up to date with latest polling results from all the pollsters

Polling Results: 2015-03-12



# Interactive Graphs

- Trends of Party/Block
- Drill Down
- Nested: Pollsters within Party
- Longitudinal: Party Across Elections



# Mandate Simulator

Party mandate distributions are simulated via published sampling error, mandate surplus agreements and the mandate threshold limit

Number of Last Polls to Use



Choose One

☐ Build Coalition ☒ Simulation Results

Plot Language

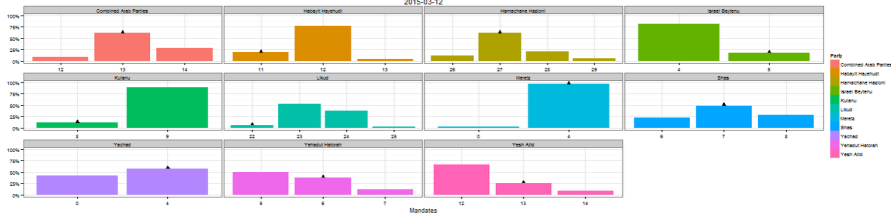
☒ English ☐ Hebrew

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


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

# Coalition White board

Create coalitions based on either the simulated distribution or actual published polls and see who can pass 60 mandates

Plot Language

☒ English ☐ Hebrew

[Download Plot](#)

Create Coalition

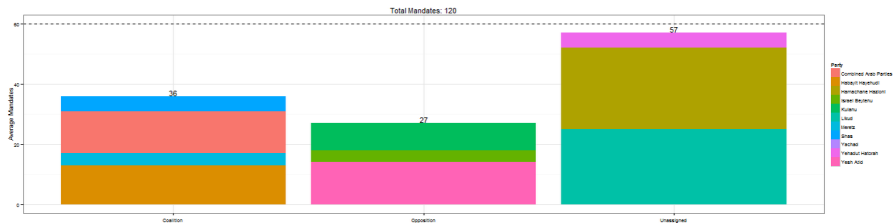
☐ Average Polling Results ☒ Polling Results with Sample Error

Coalition

☐ Meretz  
☐ Combined Arab Parties  
☐ Shas  
☐ Habayit Hayehudi  
☐ Shas

Opposition

☐ Kulanu  
☐ Israel Beytenu  
☐ Yesh Atid


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

# Thank You

To visit the site and try the application

