



Report Card

Supplemental Analysis of 2024 Predictions



A Follow-up from the CEO

Now that most of the election results are in, we wanted to revisit our predictions that we, metaphorically speaking, printed, put in a sealed jar, and buried in the backyard to open after the election.

(In reality, we generated a PDF and uploaded it to the blockchain—you can view the file at the below link as well as our transaction timestamp. We posted it at around midnight Central on November 4th.)

PDF:

<https://arweave.net/aBYImzVFd3IQXE2ofv17RQnfrmSJLtxjAj6zLHaHQes>

TRANSACTION:

<https://viewblock.io/arweave/tx/aBYImzVFd3IQXE2ofv17RQnfrmSJLtxjAj6zLHaHQes>

We're excited to share the results with you. We outperformed even our own ambitious expectations and believe we've discovered something of tremendous value for our campaign partners. It's truly an exciting time for our investors and team.

As we reflect on these achievements, we're considering the next steps for our product. We're exploring how to position our sentiment engine as a vital supplement to traditional polling and brand surveys. We're also rapidly developing our synthetic audience tools, and the possibilities ahead are inspiring.

Thank you for taking the time to read our results. I look forward to sharing more details about our work and how we can give your campaign an edge.

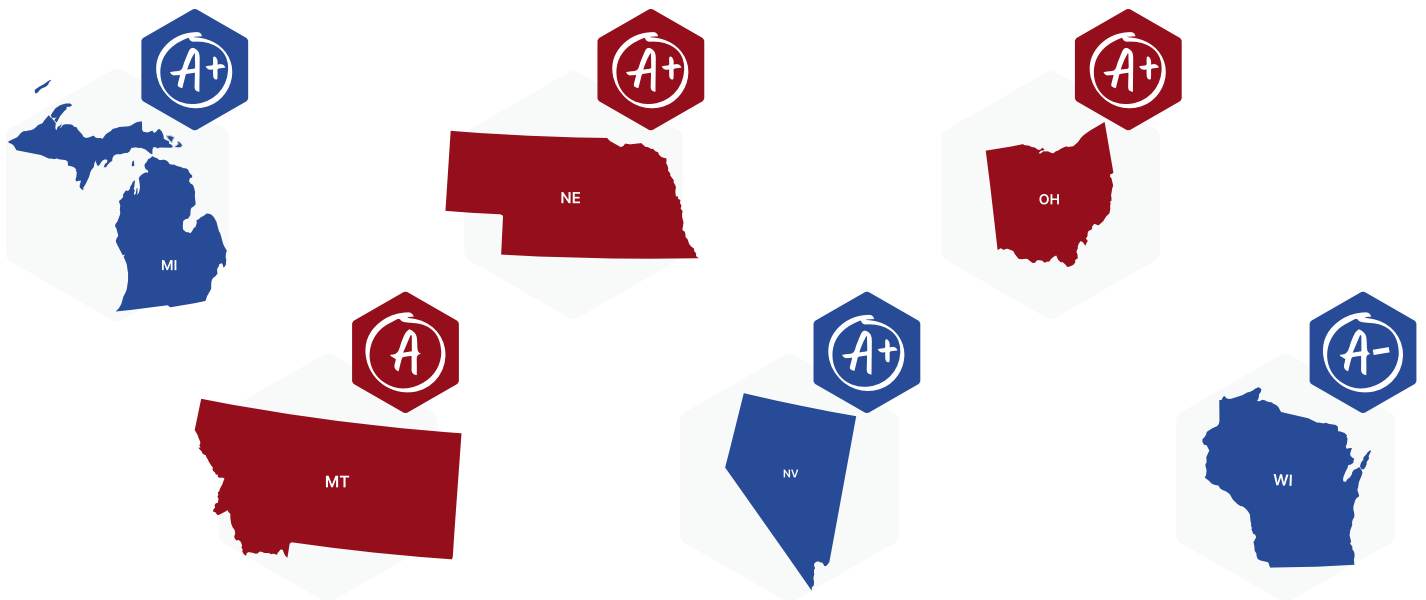


Bennett Thompson
CEO

Report Card for 15 Races

We focused our efforts on key battleground Senate races, aiming to provide more accurate predictions than any single polling company. Using our advanced AI models, we achieved this without the need for traditional phone polling. Instead, we leveraged real-time data and sentiment analysis to forecast election outcomes, providing a modern, scalable alternative to the resource-intensive polling methods still widely used.

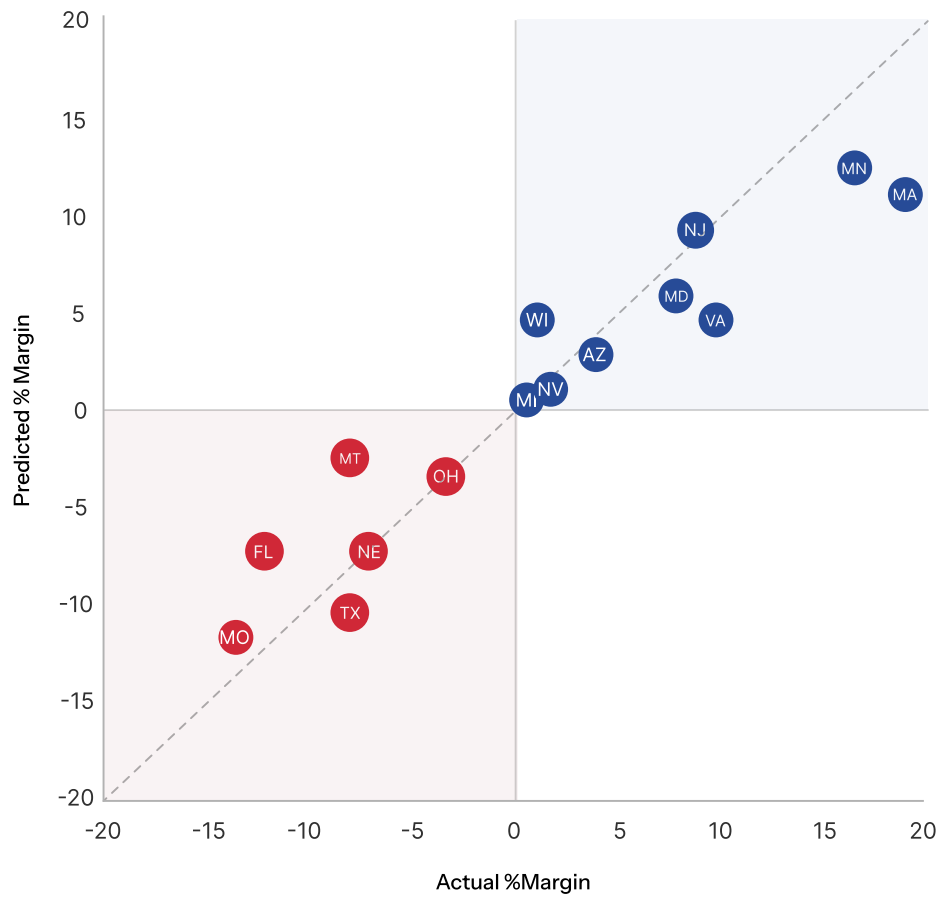
To evaluate our performance, we used the Absolute Error (AE) metric, which calculates the difference between our predicted margins and the actual election results for a specific state. A lower AE indicates a closer match to reality, making it an effective way to measure predictive accuracy. By comparing our AE against that of recent polls from a dozen different polling companies, we've demonstrated that our approach can deliver equal or even better accuracy in key races.



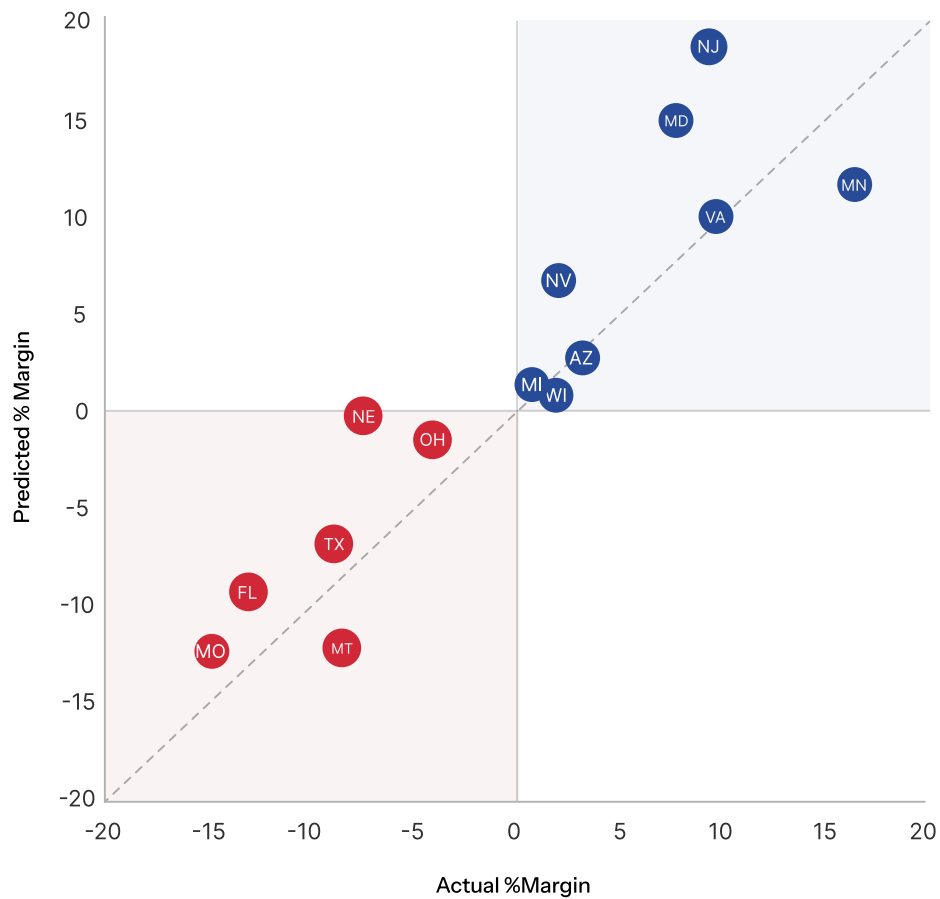
In addition to accurately predicting the winners of these competitive Senate races, our forecasts aligned closely with the actual margins of victory, underscoring the precision of our AI models. For instance, in the Michigan Senate race, our prediction was within 0.65% of the actual margin, outperforming FiveThirtyEight's final polling error. In Nevada, our AE was just 0.44%, significantly better than the 5.10% AE from traditional polls. This level of precision shows that our AI models can reliably forecast both outcomes and margins with a high degree of confidence.

The two scatter plots on the following page visually compare Inferred Mind's predictions with those from FiveThirtyEight, showing each Senate race's predicted and actual margins. Points closer to the diagonal line indicate higher accuracy, while points further away reveal discrepancies. By positioning these charts side by side, we demonstrate how our model stacks up against established polling organizations, particularly in highly contested races, and highlight the potential of AI-driven insights as a valuable supplement to traditional polling methods.

Inferred Mind vs. Actual Margins



538 vs. Actual Margin



Actual vs Our Predictions

Michigan Senate 2024



Slotkin
50.58%



Rogers
49.42%

ACTUAL RACE
MARGIN

0.31

LAST POLL ON
538 MARGIN

1.14

INFERRED MIND
MARGIN

0.96

LAST POLL ON 538
ABSOLUTE ERROR

0.83

INFERRED MIND
ABSOLUTE ERROR

0.65

Montana Senate 2024



Sheehy
51.22%



Tester
48.78%

ACTUAL RACE
MARGIN

8.55

LAST POLL ON
538 MARGIN

11.91

INFERRED MIND
MARGIN

3.02

LAST POLL ON 538
ABSOLUTE ERROR

3.36

INFERRED MIND
ABSOLUTE ERROR

5.53

Nebraska Senate 2024



Fischer
54.44%



Osborn
45.56%

ACTUAL RACE
MARGIN

7.80

LAST POLL ON
538 MARGIN

0.00

INFERRED MIND
MARGIN

7.82

LAST POLL ON 538
ABSOLUTE ERROR

7.80

INFERRED MIND
ABSOLUTE ERROR

0.02

Actual vs Our Predictions

Nevada Senate 2024



Rosen
50.73%



Brown
49.27%

ACTUAL RACE
MARGIN

0.95

LAST POLL ON
538 MARGIN

6.05

INFERRED MIND
MARGIN

1.40

LAST POLL ON 538
ABSOLUTE ERROR

5.10

INFERRED MIND
ABSOLUTE ERROR

0.45

Ohio Senate 2024



Moreno
51.86%



Brown
48.14%

ACTUAL RACE
MARGIN

3.93

LAST POLL ON
538 MARGIN

0.83

INFERRED MIND
MARGIN

3.76

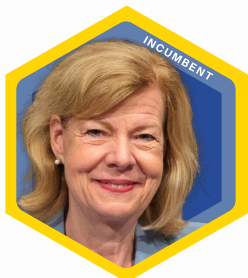
LAST POLL ON 538
ABSOLUTE ERROR

3.10

INFERRED MIND
ABSOLUTE ERROR

0.17

Wisconsin Senate 2024



Baldwin
52.88%



Hovde
47.12%

ACTUAL RACE
MARGIN

0.92

LAST POLL ON
538 MARGIN

0.93

INFERRED MIND
MARGIN

3.96

LAST POLL ON 538
ABSOLUTE ERROR

0.01

INFERRED MIND
ABSOLUTE ERROR







3.04



Extra Predictions

Additional Senate Race Comparisons

Extra: Actual vs Our Predictions

Arizona Senate 2024		ACTUAL RACE MARGIN	LAST POLL ON 538 MARGIN	INFERRED MIND MARGIN
<div> Gallego 51.22%</div> <div> Lake 48.78%</div>		2.04	2.40	2.44
		LAST POLL ON 538 ABSOLUTE ERROR		4.44
		INFERRED MIND ABSOLUTE ERROR		4.48
Maryland Senate 2024		ACTUAL RACE MARGIN	LAST POLL ON 538 MARGIN	INFERRED MIND MARGIN
<div> Alsobrooks 52.71%</div> <div> Hogan 47.29%</div>		7.08	15.56	5.42
		LAST POLL ON 538 ABSOLUTE ERROR		8.47
		INFERRED MIND ABSOLUTE ERROR		1.66
Massachusetts Senate 2024		ACTUAL RACE MARGIN	LAST POLL ON 538 MARGIN	INFERRED MIND MARGIN
<div> Warren 57.55%</div> <div> Diehl 42.45%</div>		19.20	23.70	15.10
		LAST POLL ON 538 ABSOLUTE ERROR		4.51
		INFERRED MIND ABSOLUTE ERROR		4.10

Extra: Actual vs Our Predictions

Minnesota Senate 2024



Klobuchar
55.71%



White
44.29%

ACTUAL RACE
MARGIN

16.32

LAST POLL ON
538 MARGIN

12.15

INFERRED MIND
MARGIN

11.42

LAST POLL ON 538
ABSOLUTE ERROR

4.17

INFERRED MIND
ABSOLUTE ERROR

4.90

Missouri Senate 2024



Hawley
56.31%



Kunce
43.69%

ACTUAL RACE
MARGIN

14.17

LAST POLL ON
538 MARGIN

11.34

INFERRED MIND
MARGIN

12.62

LAST POLL ON 538
ABSOLUTE ERROR

2.83

INFERRED MIND
ABSOLUTE ERROR

1.55

New Jersey Senate 2024



Kim
54.59%



Glassner
45.41%

ACTUAL RACE
MARGIN

8.90

LAST POLL ON
538 MARGIN

19.15

INFERRED MIND
MARGIN

9.18

LAST POLL ON 538
ABSOLUTE ERROR

10.24

INFERRED MIND
ABSOLUTE ERROR

0.28

Extra: Actual vs Our Predictions

Texas Senate 2024



Cruz
55.02%



Allred
44.98%

ACTUAL RACE
MARGIN

8.90

LAST POLL ON
538 MARGIN

7.14

INFERRED MIND
MARGIN

10.04

LAST POLL ON 538
ABSOLUTE ERROR

1.76

INFERRED MIND
ABSOLUTE ERROR

1.13

Virginia Senate 2024



Kaine
52.12%



Cao
47.88%

ACTUAL RACE
MARGIN

8.20

LAST POLL ON
538 MARGIN

8.90

INFERRED MIND
MARGIN

4.24

LAST POLL ON 538
ABSOLUTE ERROR

0.70

INFERRED MIND
ABSOLUTE ERROR

3.96

Vermont Senate 2024



Sanders
64.11%



Malloy
35.89%

ACTUAL RACE
MARGIN

32.70

LAST POLL ON
538 MARGIN

40.66

INFERRED MIND
MARGIN

28.22

LAST POLL ON 538
ABSOLUTE ERROR

7.95

INFERRED MIND
ABSOLUTE ERROR

4.48

What's Next?

We are thrilled with the results our models delivered this election cycle, but we know there's always room to improve. As we rapidly integrate new algorithms, we're also taking a close look at outliers that emerged. Analyzing cases like this provides valuable insights and will help us further fine-tune our engine to enhance accuracy in future forecasts.

Looking ahead, we're focused on expanding our capabilities and offerings:

- **Synthetic Audiences:** Developing tools to model and test messaging, allowing brands to simulate audience reactions and refine their strategies.
- **Fundraising:** Strengthening our team for growth and expansion by securing resources that will accelerate development and scale operations.

We've got a lot of exciting work ahead. If you'd like to connect, we'd love to hear from you.

Connect with Us

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