ARE BATTLEGROUND STATES MORE OR LESS PREDICTABLE?: AN ANALYSIS OF THE USA 2020 GENERAL ELECTION

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ABSTRACT

1 Introduction

2 Methods

2.1 Poll Based Models

To calculate predictions, we use 3 poll based models, which track an exponentially weighted moving average of major party vote share for each state.

- **Logistic 04** - Uses an $\alpha = 0.4$ and a sample size weight calculated with a logistic function with a midpoint of 1000 and $k = 1e - 3$.
- **Lambda 02** - Uses an $\alpha = 0.2$ and does not weight polls by sample size.
- **Lambda 1** - Is a naive baseline, using an $\alpha = 1$; equivalent to predicting the most recent poll result.

3 Results

4 Conclusion

References