| **To** | [niklas.haehn@yale.edu](mailto:niklas.haehn@yale.edu)  [josh.kalla@yale.edu](mailto:joshua.kalla@yale.edu)  [christopherhyw@gmail.com](mailto:christopherhyw@gmail.com) |
| --- | --- |
| **Cc** | [Madeline Chun](mailto:madeline.chun@yale.edu) [Khuan-Yu Hall](mailto:khuan.hall@yale.edu) [Liam Richardson](mailto:liam.richardson@yale.edu) |
| **Bcc** |  |
| **Subject** | ISPS Election Prediction Competition |
| Hello,  We hope this email finds you all well!  Our submission for the ISPS Election Prediction Competition can be found at this link: [ISPS Prediction Submissions](https://docs.google.com/spreadsheets/d/1XVnQckjWaJt8M8WxG_6ieWh-hGAhN66GpqQpfXihUyA/edit?gid=1246304522#gid=1246304522).  To predict the amount of time (in minutes) it will take NBC to call the election, we built an original dataset with the time it took NBC to call the election in each state in 2008, 2012, 2016, 2020, along with the presidential election returns by state for each of those elections. We then regressed time on the margin of the election victory, and used this regression to predict the amount of minutes it will take each state to have a winner determined. Though we found a better fitting exponential model, we chose to use the polynomial model to account for the extreme outliers in the 2020 election that we think will plausibly be in the 2024 election. | |