Description of Files: This is the code and data files used to generate the tables displayed in “A Dynamic Forecast: An Evolving Prediction of the 2024 Presidential Election" and to generate the forecast associated with that paper available at: https://docs.google.com/spreadsheets/d/1IY2K4ZINICHXUbFjrcVFcNv4PL-e1OHlk1SoxO3yu0M/edit?gid=705324711#gid=705324711

Executing the code in PS File.R on the following files will show how the models displayed in table 1 were produced:
Election Model Calibration - April 15.csv
Election Model Calibration - June 1.csv
Election Model Calibration - July 15.csv
Election Model Calibration - Sept 1.csv
Election Model Calibration - Oct 1.csv
Election Model Calibration - Election Day.csv

Each file is used to calibrate the predictive model to a different date in a given election cycle

Running the code in PS File.R on the following files will show how the model for the out-of-sample test displayed in Table 2 was produced:

Election Model Calibration - Election Day No 2016.csv
Election Model Calibration - Election Day No 2020.csv

The analysis for table 2 was executed in Out of Sample Tests.xlsx File. The analysis is executed in the “2020 Out of Sample” and “2016 Out of Sample” sheets. Cells I23, M23 and P23 on each sheet show the model errors for the full model, the out of sample model and polls respectively. The models’ and polls’ errors are estimated takingthe square root of the average of squared errors for all model estimates/polls in a given cycle.

Tables 3 and 1A and Figure 1 were produced from the September 1 forecast, which is available in full in PS Copy of Public 2024 Presidential Election Model - September 1, 4_02 PM (1).xlsx

Figures 2 and 3 were produced using data from the April 15, June 1, July 15 and September 1 forecasts, all of which are available in PS Key Dates Forecast.xlsx. For ease of interpretation, the tipping point state is bolded.

Running the code in PS File.R on the following files will show how the model in Table 2A was produced, used to calculate the short term effect of Biden dropping out on national polling:

Out of Sample Tests - Switch.csv

Program used to execute code: R
Packages needed: Stargazer