Replication Files for “Hawks versus Doves: Who Leads American Foreign Policy in the US Congress?"
Manuscript ID FPA-22-Nov-0186.R1
Foreign Policy Analysis
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Included here are the files necessary to replicate all the results in the manuscript and online appendix. All models were estimated using Bayesian MCMC methods. The results were produced using R and WinBUGS. The R codes will automatically open up WinBUGS to implement the BUG files (files with .bug). All the data files and bug files need to be stored in the working directory of the R codes (that is, the directory set by “setwd” in each R code).

Please note that the MCMC method is a simulation-based approach, which utilizes random draws from the posterior densities, and as a result, there may be some simulation errors. Consequently, the numbers may differ slightly from those reported in the manuscript and online appendices. However, these differences are marginal, usually limited to variations in the numbers' decimal points, and none of these discrepancies affect our inference and conclusions.

The following files are included in this replication dataset:

To replicate Table 1, Table A2, Table A3, Figure 3, and Figure A3:
R_code_table1_A2_A3_fig3_A3.R, model1.bug, model2.bug, model1_TA2.bug, model2_TA2.bug
House_Micro_Data.csv, Macro_Data.csv, extreme_House_members.csv,
Senate_Micro_Data.csv, extreme_senators.csv

To replicate Table 2:
R_code_table2.R, table2.bug, table2_fixed.bug
House_Data_Table2.csv, Macro_Data.csv, Senate_Data_Table2.csv

To replicate Figure 1, Figure 2, Figure 4, Figure A1, and Figure A2:
R_code_fig1_2_4_figA1_A2.R, House_Figures_Data.csv, Senate_Figures_Data.csv,
Macro_Data.csv, House_Micro_Data.csv, Senate_Micro_Data.csv

To replicate Table A1:
R_code_table_A1.R, table_A1.bug, House_Count_Data.csv, Count_Macro_Data.csv,
Senate_Count_Data.csv