Choice or Circumstance?
Adjusting Measures of Foreign Policy Similarity for Chance Agreement

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Replication instructions

To replicate parts of or the entire analysis, complete the following steps:

1. Decompress the zip-file and copy its entire content into your Stata working directory (or change your Stata working directory to whatever folder you copy the content of the zip-file to).
2. Do not change the internal directory structure. The replication scripts (Stata do-files) will only run smoothly when the current directory structure is kept.
3. Depending on what parts of the analysis you would like to replicate, different do-files can be run:
    a. Reproduction of everything: All datasets generated for the analysis, the figures and the replication analyses presented in the article and the supplementing information.

    Run "Data analysis\msim-master.do"

    Note that the execution of this do-file takes about 8 hours on my reasonably up-to-date desktop computer. The generation of the datasets takes by far the most time. All datasets are included in the zip-file already, so if the goal is to just reproduce the published results (i.e. the figures and replication analyses), I recommend option (c) below.

    b. Reproduction of all datasets generated for the analysis. These datasets include a variety of similarity measures based on different data sources.

    Run "Data analysis\Data management\msim-data00-master.do"

    Note that the execution of this do-file takes about 8 hours on my reasonably up-to-date desktop computer. All datasets are included in the zip-file already, so if the goal is to just reproduce the published results (i.e. the figures and replication analyses), I recommend option (c) below.

c. Reproduction of the figures and replication analyses.

Run "Data analysis\msim-analysis.do"

Parts of the analysis can be individually executed as well:

- Generation of Figure 1

  Run "Data analysis\Descriptive analysis\msim-desc01-figure1.do"
- Generation of Figure 6

  Run "Data analysis\Descriptive analysis\msim-desc02-figure6.do"
- Replication analysis of Crescenzi (2007) in the supporting information

  Run "Data analysis\Replication analyses\msim-replic01-crescenzi2007.do"
- Replication analysis of Salehyan (2008) in the supporting information

  Run "Data analysis\Replication analyses\msim-replic02-salehyan2008.do"
- Generation of Figure SI-1 in the supporting information

  Run "Data analysis\Replication analyses\msim-replic03-sifigure.do"
- Replication analysis of Gartzke (2007)

  Run "Data analysis\Replication analyses\msim-replic04-gartzke2007.do"

The similarity measures are calculated from various data sources. If you use any of those measures in your own work, please do not forget to cite the original sources as well. For updated versions of the similarity measures, please check www.frankhaege.eu. If you have any questions or problems replicating the study results, please contact frank@frankhaege.eu.