Replication of "U.S. Military Should Not Be in My Backyard: Conjoint Experiments in Japan"

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Description

- The war in Ukraine has manifested the critical importance of the American alliance network and the swift and effective deployment of necessary military assets. But do citizens of the U.S. allies support the deployment of such advanced, thus controversial, military assets in their countries? To examine this question, we administered two conjoint experiments in Japan, a critical U.S. ally in Asia. The results show the Japanese citizens' strong Not-In-My-Backyard (NIMBY) sentiment: They value the U.S.-Japan alliance *per se* but do not want those advanced arms (specifically, Osprey and F-35 fighter jets) to be deployed in their vicinity, particularly when the U.S. military operates them. Our study contributes to the literature on alliance politics and civil-military relations by emphasizing the importance of paying close attention to *local* public opposition as a potential source of instability in *global* military alliances.

About data

- The main survey files are the CSV files in the `data/surveys` folder. Each survey includes many questions for other (unrelated) projects. This replication package only includes the questions relevant to this project.

Files included in this package:

- `README.md`
- `REAME.pdf` – generated by `README.md`
- `horiuchi-tago.Rproj` (for RStudio)
- `master.R` – a master file that sources all other scripts.
- renv (folder)
  - Files generated by the `renv` package (version 0.17.2)
  - See https://rstudio.github.io/renv/index.html.
- `renv.lock`
  - A file generated by the `renv` package (version 0.17.2)
- data (folder)
  - Original data necessary for replication
- documents (folder)
  - code books and other documents relevant to the original data
- figures (folder)
  - All files are generated by the scripts
- functions (folder)
  - Functions used in the scripts
- output (folder)
  - All files are generated by the scripts

- scripts
  - R scripts for complete replication

Remarks:

- If you use RStudio, click `horiuchi-tago.Rproj` to launch RStudio and set the working directory automatically.
- If you do not use RStudio, manually set the working directory, which is the folder that includes `horiuchi-tago.Rproj`.

Program:

- R (version 4.2.3)

Additional programs required:

- `tidyverse` (version 2.0.0)
- `estimatr` (version 1.0.0)
- `ggthemes` (version 4.2.4)
- `ggrepel` (version 0.9.3)
- `readxl` (version 1.4.3)
- `patchwork` (version 1.1.3)

Process of replication:

- If you use RStudio, install `renv` (a package to create reproducible environments). Then, type `renv::restore()` to restore a project's dependencies from a lockfile.
- If you do not use RStudio, install the packages manually.
- Then, run the scripts sequentially.

Most recent date of successful replication September 5, 2023