README: Analysis Replication for 'Europeans' Attitudes Toward the EU Following Russia's Invasion of Ukraine'

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Instructions for Replication

1. Software:

- R: 4.3.2 GUI 1.80 Big Sur ARM build (8281)
- RStudio: 2023.12.0+369

2. Install Packages:

Run the following in R to install the required packages:

```
if (!require("pacman")) {
  install.packages("pacman")
  library(pacman)
}

pacman::p_load(tidyverse, pwr, ggplot2, janitor, lubridate, readstata13, countrycode,
               estimatr, rdrobust, entropy, patchwork, abind, AER, aod, arsenal,
               bookdown, broom, caret, cobalt, corrplot, data.table, devtools, did2s,
               digest, dplyr, dygraphs, evtree, fabricatr, fBasics, foreach,
               foreign, future, geosphere, GGally, gganimate, ggExtra, ggmap, ggraph,
               ggstatsplot, gifski, glue, grf, grid, gridExtra, haven, hrbrthemes, jtools,
               kableExtra, cowplot, knitr, leaflet, lmtest, magrittr, MatchIt,
               memisc, modelsummary, multiwayvcov, openxlsx, sjlabelled, sjmisc, sp, stringr,
               texreg, tibble, tidyquant, tidyr, tidytext, xtable, rio, sjPlot, margins,
               sandwich, ggeffects, WeightIt)
```

3. Running the Script:

- The replication project consists of three folders: **data**, **out**, and **scripts**.
- Set the working directory for the **data** folder to access the dataset:

```
setwd("path/to/your/replication_folder/data")
```

- Set the working directory for the **out** folder to save figures and tables:

```r
setwd("path/to/your/replication_folder/out")
```

- Run the script (`Ctrl + Enter` or use `source('scripts/analysis_replication.R')`).
- Additionally, the `forest_replication.R` file located in the **scripts** folder separately produces **Figure 3**. Run it using the same directory settings.

4. Outputs:

- Generated figures will be saved in the **out** folder as `.eps` or `.pdf` files.
- Generated tables will be saved in the **out** folder as `.txt` or `.tex` files.
- Logs of the script execution (`analysis_script_log.txt`) and (`forest_script_log.txt`) will be automatically generated in the **scripts** folder.

5. Packages and Versions:

The file `packages_versions.txt` includes a list of all packages used in this analysis and their corresponding versions. You can find this file in the **scripts** folder.

Machine Information

- **OS**: MacOS 13.4 (22F66)
- **RAM**: 16GB
- **R Version**: 4.3.2
- **RStudio Version**: 2023.12.0+369

Contact

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