README

Replication files for "The Wars of Others: The Effect of the Russian Invasion of Ukraine on Spanish Nationalism", by Laia Balcells, Juan Fernando Tellez, and Francisco Villamil

This folder includes all the necessary files to replicate the results from both the Short Article and the Online Appendix. They have been run using R 3.6 on macOS 12.3. We include the output from `sessionInfo()` at the end of this readme file.

The `data.zip` file creates a folder including all the data files (**NOTE** that you have to unzip it before running any script):

- The main dataset is `clean_data.rds`, which is used to run the main analyses. We include a separate file (`codebook.pdf`) where we explain the variables included
- `survey_ukraine_items.rds` includes additional opinion data on the invasion of Ukraine used in some complementary analyses
- `bbdd_voto_fechas.dta` is the dataset for the complementary survey fielded in February 2022 (40db Barometer)
- `CIS` includes all original survey datasets downloaded from CIS
- `ESS` includes all original survey datasets downloaded from the European Social Survey
- `Flash_EuroBaro506` includes the dataset for the Flash Eurobarometer 506
- `gtrends` includes the Google Trends data downloaded from trends.google.com

The R scripts correspond to the following tasks and outputs:

Note: before running them, adapt the working directory and, if necessary, create two folders named `figures` and `tables`. These folders, with all the tables and figures, are included as `.zip` files. Unzipping these files will also create these folders.

- `01_balance_descriptives.R`: Creates the base descriptive plots, included in the Online Appendix B
- `02_modeling.R`: Runs all the models using the main dataset, including both the results in the main article (Figures 1, 2, and 3) and the Online Appendix (C, D, E, G)
- `03_bandwidths.R`: Runs the main model using different time bandwidths (Online Appendix F)
- `04_placebo.R`: Runs the placebo analyses (Online Appendix G)
- `05_time_series.R`: Analyzes time series data on attitudes regarding the invasion of Ukraine (Online Appendix B, Figure A10)
- `06_barometer.R`: Runs the models and creates descriptives using the complementary survey (Figure 4 in main article, and Online Appendix I, J, K)
- `07_gtrends.R`: Analyzes the Google Trends data to produce results shown in Online Appendix (A, M, and N)
- `08_cis_trends.R`: Analyzes the survey data from the Spanish CIS to explore treatment compliance (Online Appendix A, Figures A5 and A6)
- `09_trends_id.R`: Analyzes different datasets (main dataset, ESS, and CIS surveys) to explore baseline levels of national identification in Spain (Online Appendix L)
- `10_eurobaro.R`: Analyzes data from the Flash Eurobarometer 506 to explore issues of external validity (Online Appendix N)

- Finally, `func.R` just stores a set of functions and code used throughout all other scripts and it is not meant to be run.

Note: output from `sessionInfo()` (when running `02_modeling.R`):

```
R version 3.6.3 (2020-02-29)
Platform: x86_64-apple-darwin15.6.0 (64-bit)
Running under: macOS  10.16

Matrix products: default
BLAS:   /Library/Frameworks/R.framework/Versions/3.6/Resources/lib/libRblas.0.dylib
LAPACK: /Library/Frameworks/R.framework/Versions/3.6/Resources/lib/libRlapack.dylib

locale:
[1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8

attached base packages:
[1] stats     graphics  grDevices utils     datasets  methods   base

other attached packages:
 [1] xtable_1.8-4    stargazer_5.2.2 lmtest_0.9-38   zoo_1.8-8       estimatr_0.30.6
 [6] MatchIt_4.3.4   paletteer_1.4.0 patchwork_1.1.1 cobalt_4.3.2    forcats_0.5.1
[11] stringr_1.4.1   dplyr_1.0.10    purrr_0.3.4     readr_2.1.3     tidyr_1.2.1
[16] tibble_3.1.8    ggplot2_3.3.6   tidyverse_1.3.2

loaded via a namespace (and not attached):
 [1] tidyselect_1.2.0    rematch2_2.1.2      lattice_0.20-38     haven_2.5.1
 [5] gargle_1.2.0        colorspace_2.1-0    vctrs_0.5.2         generics_0.1.3
 [9] utf8_1.2.3          rlang_1.0.6         pillar_1.8.1        glue_1.6.2
[13] withr_2.5.0         DBI_1.1.1           dbplyr_2.1.1        modelr_0.1.8
[17] readxl_1.3.1        lifecycle_1.0.3     munsell_0.5.0       gtable_0.3.1
[21] cellranger_1.1.0    rvest_1.0.3         tzdb_0.3.0          fansi_1.0.4
[25] broom_1.0.1         Rcpp_1.0.10         scales_1.2.1        backports_1.4.1
[29] googlesheets4_1.0.0 jsonlite_1.8.4      fs_1.6.1            texreg_1.37.5
[33] hms_1.1.2           stringi_1.7.12      grid_3.6.3          cli_3.6.0
[37] tools_3.6.3         magrittr_2.0.3      Formula_1.2-4       crayon_1.5.2
[41] pkgconfig_2.0.3     ellipsis_0.3.2      xml2_1.3.3          reprex_2.0.1
[45] googledrive_2.0.0   lubridate_1.8.0     assertthat_0.2.1    httr_1.4.2
[49] R6_2.5.1            compiler_3.6.3
```