

# README

This folder contains data and analysis files in a study funded by [Project ES/S009965/1](#).

## Study

- **Study:** Consequences of symbolic TJ policies in Spain
- **Citation (published article):**

Villamil, Francisco and Laia Balcells (2021) Do TJ policies cause backlash? Evidence from street name changes in Spain. *Research & Politics* 8(4). DOI: [10.1177/20531680211058550](https://doi.org/10.1177/20531680211058550)

## People involved

- Francisco Villamil, Universidad Carlos III Madrid.
  - Email: [francisco.villamil@uc3m.es](mailto:francisco.villamil@uc3m.es)
  - ORCID: [0000-0003-0523-5426](https://orcid.org/0000-0003-0523-5426)
- Laia Balcells, Georgetown University.
  - Email: [laia.balcells@georgetown.edu](mailto:laia.balcells@georgetown.edu)
  - ORCID: [0000-0003-2922-4123](https://orcid.org/0000-0003-2922-4123)

## Files

- The **final dataset** is `dataset/output/data.csv`, which is a CSV file with the data used for the main analyses. As for the rest of the files, this replication file is organized in tasks, each in one folder. The full repository is also available in Github: [franvillamil/streets\\_vox](https://github.com/franvillamil/streets_vox). Some tasks are dependent on the output of previous tasks:

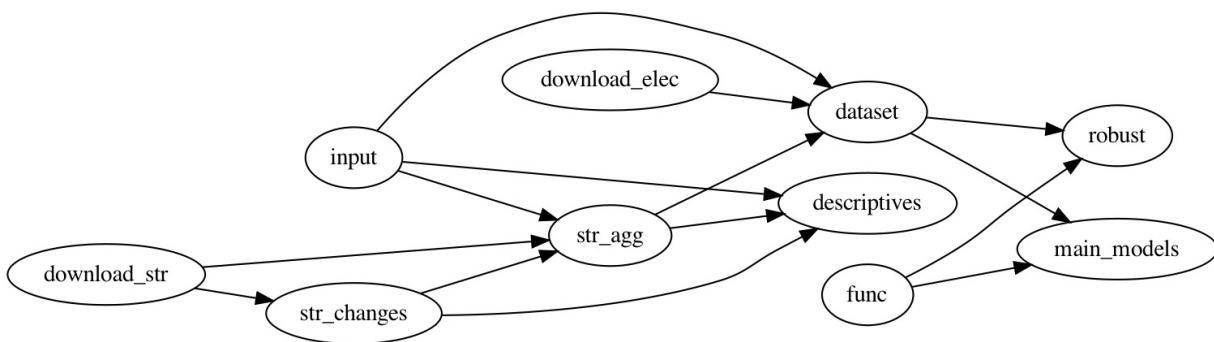


Figure 1: taskflow

- **func:** Extra R functions used in the other scripts
- **input:** Input data (raw datasets used in building the final dataset)

- **dataset:** This folder contains the R code to produce the final dataset, as well as complementary datasets used in the appendix
- **descriptives:** R code (and output) to produce descriptive statistics
- **download\_elec:** R code (and output) to download electoral results at the local level
- **download\_str:** R code (and output) to download street names from the official Spanish website
- **str\_agg:** R code (and output) to aggregate the street name variables at the local level
- **str\_changes:** R code (and output) to calculate changes in Francoist street names at the local level
- **main\_models:** R code (and output) to produce the main models in the article
- **robust:** R code (and output) to produce the robustness tests

**NOTE:** Some complementary large files were excluded from this zip file, namely, the street name files (>650MB). But they are available in the Github repository or they can be download running the R script. **They are not needed to run the main analyses in the main dataset.**

There are two options to replicate the results:

1. Download the whole repository and run each file separately. The taskflow graph above helps identifying which scripts should be run first. If you are only interested in the final analyses you can focus on `main_models` and `robust` folders.
2. From the command line (Unix/macOS), you can do a full replication from scratch using the following script, which downloads the repository, cleans up all output files, and runs all scripts again (you need to have `git` and `pdfcrop` installed):

```
git clone https://github.com/franvillamil/streets_vox
cd streets_vox
make clean
make
```

## Data collection information

The dataset was collected from several secondary sources, including publicly available data and replication datasets. The main variables, regarding street name changes and electoral results, were both downloaded from public websites (the National Statistical Institute and the Ministry of Interior, respectively).

- **Data type:** local-level observational data on all 8,116 Spanish municipalities
- **Geographic area:** Spain
- **Bounding area:** Longitude -18.5, 3.4; Latitude 27.4, 43.8
- **Data processing:** dataset resulting from merging variables at different levels of analysis, the files and steps in the replication folders lists all steps in the data processing and analysis