GUIDE TO REPLICATION MATERIALS

"A estrada dos tijolos amarelos: Desafios e sugestões para produzir pesquisas qualitativas mais transparentes." by Amanda Domingos, Virgínia Rocha and Palloma Marciano

This guide contains the necessary information for using the replication materials of the thesis " A estrada dos tijolos amarelos: Desafios e sugestões para produzir pesquisas qualitativas mais transparentes." by Amanda Domingos, Virgínia Rocha and Palloma Marciano. You should be able to reproduce all steps with the minimum effort, but if any questions remain or any error occurs, please feel free to contact us.

Data Availability and Provenance

The data used to support this study's findings have been deposited in the Open Science Framework (OSF)[1]. Data availably statement per source are provided below:

- All abstract information that was used during this study are publicly available from Scielo and retrieved using 'rscielo', developed by Fernando Meireles, Denisson Silva, and Rogerio Barbosa. All information about the package are publicly available at https://github.com/meirelesff/rscielo.

Code

All R code for data cleaning, merging, and analysis is provided by part of the replication materials.

Computation requirements

Software requirements

- R version 4.2.1
- ggplot2 (3.4.0)
- readxl (1.4.1)
- stringr (1.4.1)
- purr (0.3.5)
- tidyr (1.2.1)
- tibble (3.1.8)
- tidyverse (1.3.2)
- readr (2.1.3)
- rscielo (1.1.0)
- quanteda (3.3.1)

Computational information

- Data analysis and processing were performed on computers with Windows 10. We are not aware of the effects on the performance given the change in Operating Systems.

Instructions to Replicators

[1] osf.io/p9kws

- Download the zip folder called "Estrada" (publicly available at OSF), which is the main folder that contains the replication materials.
- Unzip "Estrada" folder.
    - You should find a documentation structure like the TIER Protocol version 4.03.
    - The content must be this guide file, the ReadMe file, the thesis, and three subfolders: output, scripts, and data.
- It is recommended to set the main "Estrada" folder as your working directory since the scripts are all in a relative path.
- Open the “Scripts” subfolder.
- Run Scripts/1_Scrapping.R to run all steps in sequence.
- Run Scripts/2_TextAnalysis.R to run all steps in sequence.
- Run Scripts/ 3_GraphAnalysis.R to run all steps in sequence.

Acknowledgements

This ReadMe file tried to follow the template proposed by Vilhuberet al (2020)[2]

[2] See https://zenodo.org/record/4319999#.YDe5sWhKg2w.Template publicly available at https://social-science-data-editors.github.io/template_README/