README: Replication Package for "Between Human Dignity and Security: Identifying Citizen and Elite Preferences and Concerns over Refugee Reception"

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Welcome to the README file for our scientific research project titled Between Human Dignity and Security: Identifying Citizen and Elite Preferences and Concerns over Refugee Reception. This document provides a comprehensive guide to understanding, setting up, and utilizing the code and datasets associated with our study.

Project Overview

In this paper we examine, after a humanitarian crisis, under what conditions citizens and elites support the creation of migrant and refugee hosting facilities in their area, and what types of facilities they prefer. What concerns that underlay counter-crisis policy preferences and how they differ by ideology and elite status? This paper examines these questions in Greece, a critical case from Europe, with data from a nationally representative survey of 5,916 citizens and 586 elites that includes open-ended questioning. Using a combination of experimental and text analysis methods, our results show that there are strong preferences for national level control and containment when it comes to issues of migration and refugee reception after crisis. Additionally, counter-crisis policies generate critical axes of polarization regarding the importance of asylum-seekers' human dignity and the extent to which migration is considered a security issue. These axes of polarization are more pronounced among citizens than elites.

This project was developed in R version 4.4.2, Stata 18 and Python 3.7.16.

Setup Instructions

Step 1: Set Your Working Directory

Please **set your own working directory** before running any code.

Step 2: Create the Required Folder Structure

Since the online system does not allow folder creation, please **manually create the following folders** and **follow the folder structure** as required by the code. Place the corresponding files in each folder as specified below:

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1. Figure 1

- Files:
  - Figure 1.R
  - citizens_profile_no_missing_data_analysis.xlsx

2. Figure 2

- Files:

[1]Chair in Business and Comparative Politics, European University Institute, Florence School of Transnational Governance
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    - Figure 2.R
    - councilors_profiledata_withDV2_PCA_weight2.xlsx

3. Figure 3

- Files:
    - Figure 3.R
    - citizens_profile_no_missing_data_analysis.xlsx

4. Figure 4

- Files:
    - Figure 4.R
    - councilors_profiledata_withDV2_PCA_weight2.xlsx

5. Figure 5

- Files:
    - Figure 5.R
    - citizens_profile_no_missing_data_analysis.xlsx

6. Figure 9

- Files:
    - Figure 9.R
    - CPS_combined.dta

7. Figure 10

- Files:
    - Figure 10.R
    - CPS_combined.dta

8. Figure 11

- Files:
    - Figure 11.R
    - citizens_profile_no_missing_data_analysis_imm_new.xlsx

9. Figure 14

- Files:
    - Figure 14.R
    - citizen_level_immigr_compens_2.dta

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10. Appendix

- Files:

    - Appendix_AndB.R
    - Appendix_C.do
- Subfolder: Data for Appendix
    - Files inside:
        - citizens_level.dta
        - citizens_population_represent.dta
        - citizens_profile_no_missing_data_analysis.xlsx
        - citizens_profile_no_missing_data_analysis_imm_new.xlsx
        - citizens_subm.dta
        - councilors_full.dta
        - councilors_population_represent.dta
        - councilors_profile_withDV2_PCA_weight.xlsx
        - councilors_profiledata_withDV2_PCA_weight_imm_comp.xlsx

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11. Preprocessing

- Files:
    - citizen_level_immigr_compens.do
    - citizens_level.do
    - citizens_populations.xlsx
    - citizens_population.xlsx
    - citizens_population_represent.do
    - citizens_profile.do
    - citizens_profile_without_outcome.R
    - citizens_subm.dta
    - councilors_full.dta
    - councilors_subm.xlsx
    - CPS_combined.do
    - immir_compens.do
    - immigr_compens.dta
    - step1_councilors.R
    - step2_councilors.do
    - step3_councilors.do
    - step4_councilors.do
    - README_preprocessing.pdf

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12. Text_analysis

- File:
    - README.md
- Subfolder: final notebooks (Python)
    - Files:
        - config.json
        - requirements.txt
        - text_analysis.ipynb
    - Subfolder: Data

        - Files:
            - additiona_stopwords.txt
            - additional_topic_stopwords.txt
            - citizens (with imm_pop).xlsx
            - citizens_text_analysis.xlsx
            - councilors_text_analysis.xlsx
            - keep_stopwords.txt
            - stopwords_GR.xlsx
            - text_analysis_councilors_Q30.xls
            - text_analysis_data_Q30.xls
            - text_analysis_topics.xlsx
    - Subfolder: src
        - Files:
            - stopwords.py
            - text_normalizations.py
- Subfolder: final_notebooks (R)
    - Files:
        - session_info.txt
        - text_analysis_R.ipynb
    - Subfolder: data
        - Files:
            - citizens_keyness_analysis.xlsx
            - councilors_keyness.analysis.xlsx
            - stopwords_GR.xlsx

If you are running the code on Windows, you may need to adjust file paths from the Unix-style format (foldername/filename) to the Windows format (foldername\\filename). Text analysis was performed on Windows, and we strongly recommend using Windows for this part to ensure compatibility.

Software Requirements

- R studio
- Stata
- Python

Project Structure

You should set your own working directory.

Preprocessing
a README_preprocessing.pdf
The Preprocessing folder contains a READme_preprocessing.pdf file that explains how the raw data was transformed into the data used for the analysis.

Replication of Figures and Tables

To replicate Figures 1–5, Figures 9–11, Figure 14, and all Figures and Tables in the Appendix (Appendix A and B), use the file Between_humanity.Rmd **which should be saved in the working directory folder**.
Each code chunk within this file exports the corresponding figures in the main text. The file Appendix_AandB.R exports all figures and tables found in Appendix A and B.

Text Analysis

Text analysis is carried out using files in the Text_analysis folder:

- Figures 7, 8, 12, and 13 are produced using the Python notebooks text_analysis.ipynb in Text_analysis/final_notebooks (Python).
- Figure 6, Figure C2, and Figure C3 are generated using the R notebooks text_analysis.ipynb in Text_analysis/final_notebooks (R).

Before running the text analysis, follow the instructions provided in Text_analysis/README.md.

Note: Table C2 is built from Gabrielatos, C. (2018). "Keyness analysis". In C. Taylor & A. Marchi (Eds.), Corpus Approaches To Discourse (1st ed., pp. 225–258). Routledge. https://doi.org/10.4324/9781315179346-11

Mapping of Code, Data, and Output

Figure 1
Code: Figure 1.R
Data: citizens_profile_no_missing_data_analysis.xlsx
Produced Figure: Figure_1.png

Figure 2
Code: Figure 2.R
Data: councilors_profiledata_withDV2_PCA_weight2.xlsx
Produced Figure: Figure_2.png

Figure 3
Code: Figure 3.R
Data: citizens_profile_no_missing_data_analysis.xlsx
Produced Figure: Figure_3.png

Figure 4
Code: Figure 4.R
Data: councilors_profiledata_withDV2_PCA_weight2.xlsx
Produced Figure: Figure_4.png

Figure 5
Code: Figure 5.R
Data: citizens_profile_no_missing_data_analysis.xlsx
Produced Figure: Figure_5.png

Figure 6
Code: Text_analysis/final_notebooks (R)/text_analysis_R.ipynb

Data: Text_analysis/data
Produced Figure: Figure_6.png

Figure 7
Code: Text_analysis/final_notebooks (Python)/text_analysis.ipynb
Data: Text_analysis/data
Produced Figure: Figure_7.html

Figure 8
Code: Text_analysis/final_notebooks (Python)/text_analysis.ipynb
Data: Text_analysis/data
Produced Figure: Figure_8.html

Figure 9
Code: Figure 9.R
Data: CPS_combined.dta
Produced Figure: Figure_9.png

Figure 10
Code: Figure 10.R
Data: CPS_combined.dta
Produced Figure: Figure_10.png

Figure 11
Code: Figure 11.R
Data: citizens_profile_no_missing_data_analysis_imm_new.xlsx
Produced Figure: Figure_11.png

Figure 12
Code: Text_analysis/final_notebooks (Python)/text_analysis.ipynb
Data: Text_analysis/data
Produced Figure: Figure_12.html

Figure 13
Code: Text_analysis/final_notebooks (Python)/text_analysis.ipynb
Data: Text_analysis/data
Produced Figure: Figure_13.html

Figure 14
Code: Figure 14.R
Data: citizen_level_immigr_compens_2.dta
Produced Figure: Figure_14.png

Appendix

Appendix A and B
Code: Appendix_AandB.R
Data folder: Data for Appendix
Produced Figures and Tables: Table_A1.tex, Table_A2.tex, Table_B1.tex, Table_B2.tex, Figure_B1.png, Table_B3.tex, Figure_B2.png, Figure_B3.png, Table_B4.tex,

Figure_B4.png, Table_B5.tex, Table_B6.tex, Table_B7.tex, Table_B8.tex, Figure_B5.png, Table_B9.tex, Figure_B6.png (same with Figure 5), Table_B10.tex, Table_B11.tex, Figure_B7.png, Table_B12.tex, Figure_B8.png, Table_B13.tex, Table_B14.tex, Figure_B9.png, Figure_B10.png, Figure_B11.png, Figure_B12.png, Figure_B13.png, Figure_B14.png, Figure_B15.png

Appendix C

Code: Appendix_C.do
Data folder: Data for Appendix
Produced Figures and Tables: Figure_C1.png, Table_C1.tex, Figure_C4.png

Code: Text_analysis/final_notebooks (R)/text_analysis_R.ipynb
Data: Text_analysis/data
Produced Figures: Figure C2.png, Figure C3.png