Replication Material for *Crises and Ideological Change in Authoritarian Regimes: Evidence from the July 2016 Coup Attempt in Turkey*

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This document provides an explanation of each R script and dataset available on the Harvard Dataverse for the article *Crises and Ideological Change in Authoritarian Regimes: Evidence from the July 2016 Coup Attempt in Turkey.*

R Scripts

- **dictionary_lda_andregressions.R**
  Reproduces all tables and figures in the article. It also details each step of the dictionary-based measurement process and the Latent Dirichlet Allocation (LDA) models.

- **embeddingsnotraining.R**
  Extracts word vectors for the relevant terms used to test the hypotheses. These word vectors are based on the locally trained GloVe model. On an average laptop, the process may take approximately 30 minutes.

- **embeddingswithtraining.R**
  Outlines the design choices for local GloVe training, performs model training, and extracts word vectors. On an average laptop, the process may take around 24 hours to complete.

Data

- **erdoganspeechesraw.RData**
  Raw dataset containing scraped speeches, along with metadata such as the date of each speech, type of audience, and other covariates.

- **tokenizedversionofthecorpus.RData**
  A tokenized version of the corpus with minimal preprocessing.

- **ldafinal.RData**
  The final LDA model reported in Section 6 of the paper.

- **bootstrappedgloveperiod1.RData** and **bootstrappedgloveperiod2.RData**
  Word embedding models trained and used in Section 6. These large files are available at the following link:

  `https://drive.google.com/drive/folders/15Ht9cppiim6Vohbi7p-AxLJq3HV6AKZI`

- **cosinesimilaritydataforfigure4.RData**
  Data frame containing average cosine similarity scores relevant for testing the hypotheses and for producing Figure 4.

- **gloverobustnesscheckcosine.RData**
  Data frame of cosine similarity scores used to generate Figure A.1.

Figures and Tables

All figures and tables, except for those in the appendix, are also provided in PDF format.

Contact

If you have any questions about the code, manuscript, or related materials, please feel free to contact me at mehmet.yavuz@plus.ac.at.