

Migration Sentiment Analysis Dataset from Portuguese Political Manifestos



Funded by
the European Union



UK Research
and Innovation

Usage/License



This dataset is released under the Creative Commons Attribution 4.0 International License (CC BY 4.0). Under this license, users are permitted to share and adapt the material provided appropriate credit is given to the original creators.

Download



The dataset is available for download via Zenodo: <https://zenodo.org/records/15189809>

Researchers



- Erik Bran Marino
- Renata Vieira
- Jesús Benítez Baleato
- Ana Sofia Ribeiro
- Katarina Laken

These researchers are affiliated with Universidade de Évora, Universidade de Santiago de Compostela, and Fondazione Bruno Kessler.

Summary

This dataset contains a collection of migration-related sentences extracted from Portuguese political party manifestos from the 2011, 2015, and 2019 legislative elections. Each entry includes the original sentence in Portuguese, sentiment analysis scores (positive, negative, and neutral probabilities), and the migration-related term that appears in the sentence. The sentiment analysis was performed using a multilingual BERT model trained for sentiment classification.

What We Offer

- **Curated Data:** A focused collection of migration-related political discourse across three key Portuguese legislative elections.
- **Sentiment Scores:** Probabilities for positive, negative, and neutral sentiments for each extracted sentence, analyzed via a multilingual BERT model.
- **Contextual Insight:** Supports the computational analysis of political communication regarding migration issues and changing political landscapes.

Key Features

- **Longitudinal Coverage:** Spans election years 2011, 2015, and 2019.
- **Focused Semantic Extraction:** Sentences selected based on a comprehensive list of migration-related terms.
- **Ready-to-Use Format:** Provided in an easily accessible Excel format (sentiment_analysis.xlsx).

Collaboration Objectives

- Advance computational analysis of political communication and discourse.
- Support research on sentiment trends regarding migration in changing political environments.
- Encourage cross-lingual comparative studies on political manifestos.