

Egor Smirnov

 LinkedIn |  ORCID |  Website |  e.smirnov@unimc.it

A PhD Student with skills in machine learning, regression analysis, and network econometrics. My primary academic interests are information networks, economic value & rights of migrants, and misinformation.

EDUCATION

- 11/2024 - 10/2027 **University of Macerata**
PhD Program
Field: Quantitative Methods in Economics
Curriculum: Machine Learning, Social Network Analysis, and Data Mining
Dissertation: “The Diffusion of Misinformation and Science-based Claims: Conflicting Narratives About Economic Effects of Migration” (in English)
- 09/2023 - 03/2024 **University of Potsdam** GPA: 1,7/1
International Mobility Program
Field: Social and Computational Sciences
- 09/2022 - 06/2024 **University Higher School of Economics (HSE)** GPA: 8,9/10
Master’s Degree
Field: Quantitative Methods in Political Science
Thesis: “The Effect of Voters’ Coalition Preferences on Electoral Behavior: Evidence from 2017 and 2021 German Parliamentary Elections” (in English)
- 09/2018 - 07/2022 **Saint Petersburg University** GPA: 5/5
Bachelor’s Degree
Field: International Relations
Thesis: “Methods for Forecasting the Results of Elections to the Bundestag”

PROJECTS

- 01/2026 - ongoing **Holocaust Remembrance Day Discourse in Italy**
Role: Co-author
Functions: Data collection (NodeXL), text analysis (tall), network analysis
- 06/2025 - ongoing **Populist Discourse in Ukrainian TV-Series**
Role: Co-author
Functions: Data collection), text analysis (tall), discourse analysis
- 04/2025 - ongoing **Mobile Social App 'Sferiguída' for Immigrants in Macerata**
Organization: University of Macerata, ERUA
Role: Author
Functions: Writing an app code, fundraising, registration, team management
- 11/2024 - ongoing **Database 'Partfolio' of European Political Parties and Election Systems**
Role: Author
Functions: Discourse analysis, web scraping, and writing the website code
- 04/2024 - 06/2024 **Trust of Eastern Europe in the European Union: Cases of Estonia, Latvia, and Lithuania**
Organizations: University of Passau, DAAD
Role: Author
Functions: Studying survey data, sentiment analysis
- 12/2022 - 09/2024 **Discourse of Holocaust Memory in the Media of Central and Eastern European countries in 2010s**
Organization: HSE University
Role: Co-author
Functions: Discourse analysis, web scraping

09/2022 - 04/2023 **Electoral Geography: Mapping and Analysis of Elections in Spatial Dimension**
Organization: HSE University
Role: Co-author
Functions: Second-order elections analysis, studying neighborhood effect, QGIS

PUBLICATIONS

- Smirnov, Egor. “**The Right-wing Populist Parties in Modern Spain and Portugal. Comparative Analysis.**” *Latin America*, (2024). DOI.
- Smirnov, Egor. “**Migration-related Securitization in the Discourses of the Left and the Right: Italian General Election – 2022.**” *Winter Conference of Student Scientific Society: Challenges of Regional and Global Security*, (2023): 274-285. ISBN: 978-5-00197-097-2. [Link](#).
- Smirnov, Egor. “**Public Diplomacy in the Bosnian Conflict: Information, Bargaining, and Negotiations.**” *Winter Conference of Student Scientific Society: Trends and Challenges of Modern Diplomacy*, (2022): 275-283. ISBN: 978-5-00197-036-1. [Link](#).

SKILLS

Methods *Network Econometrics:* social network analysis, discourse network analysis, centrality, betweenness, community detection, modularity
Natural Language Processing: pre-processing, content analysis, topic modeling, LDA, sentiment analysis, word cloud, tall library
Regression: linear, logit, panel, time series, multi-level, multinomial and conditional logit, constrained choice, Bayesian, diff-in-diff, discontinuity design, propensity score, principal component analysis, composite indicators, structural equation modeling, quantile
Machine Learning: supervised, unsupervised, classification, regression, decision trees, boosting, random forest, xgboosting, fairness metrics, hierarchical clustering, k-means
Computational Modeling: agent-based, system dynamics
Discourse Analysis: E. Laclau and C. Mouffe’s approach, B. Buzan’s securitization analysis
Data Collection: Web scraping

Programs *Software:* Python, R, MATLAB, GAMS, SmartPLS
Statistical Analysis Tools: Stata, Orange, SQL
Network Analysis Tools: Gephi, NodeXL
Mapping: QGIS
Rendering: Microsoft Office, OpenOffice, Google Drive, LaTeX, Github, HTML, Quarto Publishing System, Spyder, GIMP
Connecting: Microsoft Teams, Zoom, Discord, Google Meet

Languages *Native:* Russian
Advanced: English (C1 - IELTS), German (C1 - TestDaF)
Under intermediate: Italian (B2.1)

WORK EXPERIENCE

11/2025 - ongoing **Student Representative**
European Reform University Alliance’s (ERUA) Student Board

09/2025 - ongoing **Senior Tutor**
Department of Economics and Law, University of Macerata

09/2025 - ongoing **Editor-in-Chief**
European Student Think Tank

11/2024 - 11/2025 **Finance Manager**
Executive Council of the ERUA Local Board at the University of Macerata

08/2021 - 09/2022 **Head of the University Refectory Committee**
Student Council of Saint Petersburg University

05/2020 - 05/2022 **Head of the Student Scientific Society**
Department of International Relations at Saint Petersburg University

ACHIEVEMENTS

- 2025 European Reform University Alliance, participant of the social entrepreneurship course
- 2024 United Nations University, finalist of the science slam "Science4Peace"
- 2024 University of Macerata, 3-year full scholarship for PhD students
- 2024 University of Passau, DAAD-scholarship for participation in the summer research school
- 2023 University of Potsdam, merit-based scholarship for participants of German Language Course
- 2023 HSE University, merit-based academic scholarship
- 2022 Saint Petersburg University, merit-based academic scholarship