

## PROFESSIONAL SUMMARY

- Researcher with 4 years' experience in quantitative research in the fields of empirical political economy and political science.
- Developed a Machine Learning based indicator to predict the intensity of populism of political parties.
- Undergraduate-level instructor in economics and political science.

## RESEARCH INTERESTS

Welfare state policy, European institutions & reforms, Populism, Radicalism, Political competition, European integration, Individual's pro-(anti) social behavior.

## SKILLS & LANGUAGES

**Programming:** R | Python | SQL | Stata

**Statistics & Data Science:** Panel data | Time series | Cross-section | Econometrics | Causal Inference | Machine Learning

**Web:** HTML | Overleaf | Wordpress

**Other interfaces:** Shiny | Quarto | Markdown | GitHub | Latex | MS Office

**Languages:** Italian (native) | Spanish (bilingual) | English (bilingual) | French (intermediate)

## EDUCATION

- **Ph.D. Applied Economics**, University of Navarra, Pamplona, Spain, 2020 - Summer 2024 (Expected)
- **M.Sc. Economics & Finance**, University of Navarra, Pamplona, Spain, 2019-2020
- **M.Sc. European Economy and Business Law** (cum laude), Università degli Studi di Roma Tor Vergata, Rome (Italy), 2016-18
- **B.Sc. Economics**, Università degli Studi di Roma Tor Vergata, Rome (Italy), 2012-16

## CAREER EXPERIENCE

**Quantitative researcher**, Universidad de Navarra, Pamplona (Spain), 09/2019 – Present

- Conducted quantitative research on social science phenomena and economic policy.
- Led and managed several projects from inception to completion (study design, execution, analysis, reporting) leveraging economics and statistical acumen to interpret real-world social dynamics.
- Performed econometric analysis and machine learning modelling.
- Published my research and analyses in both scientific and informational international outlets.
- Tools and skills: Statistics; Econometrics; Regression analysis; Machine Learning; Panel data analysis (1.000.000+ obs.); Time series analysis; Prediction & forecasting; Classification techniques; Data story-telling; Latex; Drafting & reporting.

**Instructor**, Universidad de Navarra, Pamplona (Spain), 09/2020 – Present

Fields: Quantitative Methods; Time series; Macroeconomics; Comparative political systems

- Taught and supervised different classes of 100+ international university students learning different topics.
- Developed and presented materials for lectures, discussion groups, and software applications.
- Tools and Skills: Public speaking; Leadership; Written and verbal communication; Presentation; Mentoring;

**Junior Buyer**, Capgemini, Rome (Italy), 03/2019-08/2019

- Analysis of the External Resources, Professional Services and Training purchasing category suppliers' portfolio.
- Collaboration with internal, external stakeholders and across multi-functional teams.

## PUBLICATIONS

- *Celico, A., Rode, M., I. Rodriguez-Carreño*, Will the Real Populists Please Stand Up? A Machine Learning Index of Party Populism, *European Journal of Political Economy* (2024) [[Link](#)].
- *Celico, A., Rode, M.* Can we all be Denmark? The role of civic attitudes in welfare state reforms. *Empirica* (2023) [[Link](#)].
- *Celico, A., Rode, M.*, "Populism, Majority Rule, and Economic Freedom" *Economic Freedom of the World Annual Report* (Fraser Institute, 2023) [[Link](#)].

## WORKING PAPERS

- *Celico A.*, Facing the populists: the effect of populist challengers on mainstream parties' welfare state positions [[Link](#)].
- *Celico A.*, Quality of life and populism: the urban determinants of political discontent.

GRANTS & AWARDS

- Doctoral studies funding of the Asociación Amigos de la Universidad de Navarra, 2020-2024.
- Best M.Sc. thesis from the Asociación Libre de Economía Aplicada (ALDE), 2021.
- Awarded the “Borse di Studio Universitarie A.A. 2016/2017” (Merit scholarship), INPS.

TEACHING EXPERIENCE

• Linear Algebra	<i>Main instructor</i>	Spring 2024
• Compared Political Systems	<i>Main instructor</i>	Spring 2023
• Time Series	<i>Teaching assistant</i>	Spring 2021; Spring 2020
• Principles of Macroeconomics	<i>Teaching assistant</i>	Fall 2021

ACADEMIC CONFERENCES (as speaker)

The Italian Society of Law and Economics (2021-23); European Public Choice Society (2022-23); University of Navarra, Research Seminars (2021-22-23); Silvaplana Workshop 2022; 7th Shadow Conference: “The Shadow Economy, Tax Behaviour and Institutions” (2021); ALDE (2021)

CERTIFICATES

IBM Data Science Professional Certificate (ongoing – certificates available in LinkedIn):

- Data Analysis with Python (IBM – 2024)
- Data Visualization with Python (IBM – 2024)

REFERENCES

**Prof. Dr. Martin Rode**

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