



## Miguel Salema

Research Fellow at PROSPER

- ▶ Católica-Lisbon SBE
- ▶ Econometrics
- ▶ Computational Statistics

## Contacts

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## Tools

R + Quarto	Pro.
LaTeX	Pro.
Matlab	Adv.
Python	Inter.
SQL	Inter.

## Summary

I am a Research Fellow at [PROSPER](#) (Center of Economics for Prosperity) at [Católica-Lisbon SBE](#), focusing on econometric methods and computational statistics. I have developed novel estimators, authored R packages, produced data-driven analyses recognized by the media and contributed to several policy work funded by prominent institutions. I also serve as a Teaching Assistant in Econometrics and Statistics and hold a master's degree in Economics from Católica, specializing in Macroeconomic Policy.

## Experience

### Research Fellow

2022-Present

[Center of Economics for Prosperity - Católica-Lisbon](#)

Collaborate with faculty on projects funded by institutions like *La Caixa Foundation*, *Gulbenkian*, and *POAT*. Conduct policy analyses on topics such as electric mobility and public employment, often with government partners. Maintain and update key Portuguese microdata sets. ([Details.](#))

### Researcher

2023-Present

[Independent](#)

Independently explored political and housing issues, with work featured in *Expresso*, *Público*, and *Observador*. Currently partner with Prof. Ricardo Ferreira Reis on European Parliament SDG-focused research, applying AI and Machine Learning. ([Details.](#))

### Teaching Assistant

2022-Present

[Católica-Lisbon SBE](#)

Teach Econometrics at Bachelor's and master's levels, prepare course materials, and handle grading. ([Developed materials, details and syllabi.](#))

## Education

### MSc in Economics, macroeconomic policy major

2020-22

[Católica-Lisbon SBE](#)

*Master thesis: Gelbach in Logit: A Covariate Decomposition for the Logit Model applied to the Minimum Wages Heterogeneous Impact*, advised by Prof. Pedro Raposo. *Award: European Evaluation Society best master thesis, 2<sup>nd</sup> place (social media).*

### BSc in Economics

2017-20

[ISCTE University Institute of Lisbon](#)

Top Iscte Business School certificate. Economics Exchange Program at Gadjah Mada University, Indonesia, in 2019.

## Publications and Projects

See my [research page](#) for a comprehensive list of projects.

- **Mind the Gap (2024, Working Paper)**
  - *How Coworkers Shape Team Composition*, with Prof. Joana Silva and Jaime Montana ([link](#)).

## Languages

- ▶ Portuguese - native
- ▶ English - proficient

## Interests

- ▶ Statistics
- ▶ Data Science
- ▶ Data Visualization
- ▶ Politics
- ▶ Labour Economics
- ▶ Education
- ▶ Housing

## Hobbies

- ▶ Chess
- ▶ Three-cushion billiards
- ▶ Padel
- ▶ Board Games

### discordAR (2024, App and Article)

- *An App that Measures Political Proximity Between Portuguese Parties*, with Sebastião Fonte. [App link](#), [presentation](#), [prize \(Arquivo.pt\)](#); Media: [público news piece](#), [interview](#).

### Competition or Backlash? (2024, Working Paper)

- *How Political Dynamics Shapes the SGDs Agenda*, with Prof. Ricardo Ferreira Reis and Sebastião Fonte. Uses AI to classify SDG intensity in European Parliament bills.

### Renting in Portugal Became Unaffordable (2024, Article)

- Analysis in Portuguese ([article](#)); graphs replicated by [Expresso](#), and a [radio interview on Renascença](#).

### The Decrease of Teachers' Wages (2024, Article)

- With Mafalda Gouveia. Published by [Observador](#).

### R packages

[Creator and Maintainer](#)

peerest, politicR, QPanalyseR, QPcleaner, decomp, ptmap

## Other Experience

### Magician

[Freelancer](#)

2014-20

Performed as a freelance magician at various events: city theaters, weddings, schools, and private gatherings. Volunteered shows at hospitals, prisons, and other community institutions.

### Economics Student Panel

[Oxford University Press](#)

2018-20

Review OUP publications in Economics.

### Tutor of Economics and Philosophy

[Know More Benfica](#)

2018-20

Preparing high-school students for the national exams.

### Waiter

[Panda Cantina Restaurant](#)

2018-21

Part-time.