

# Joan Margalef

United Nations University - World Institute for Development Economics Research (UNU-WIDER)

Address: Katajanakanlaituri 6 B, 00160 Helsinki, FIN

Email: [margalef@wider.unu.edu](mailto:margalef@wider.unu.edu) Phone: +358 9 615 99 302 Webpage: [joanmargalef.github.io](https://joanmargalef.github.io)

## Research Interests

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Financial Economics, Conflict Studies, Development, and Applied Game Theory.

## Education

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PhD in Economic Analysis (IDEA)	Sep 2020 - Present
Barcelona School of Economics - Universitat Autònoma de Barcelona	
MRes in Economic Analysis (IDEA)	Sep 2018 - Aug 2020
Barcelona School of Economics - Universitat Autònoma de Barcelona	
BEng in Industrial Organization	Sep 2012 - Aug 2017
Escola Universitària Salesiana de Sarrià	

## Professional Experience

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<b>Research Associate</b>	Feb 2025 - Present
UNU-WIDER	Helsinki, Finland
Conduct research to inform policy and support capacity-building efforts. <i>Tasks:</i> develop subnational fragility measures for Nigeria, conduct independent research, assist in project planning, and contribute to reports and publications.	
<b>Research Consultant - Data Scientist</b>	Sep 2022 - Aug 2023
EconAI - Fundació d'Economia Analítica	Barcelona, Spain
Assessed economic fragility for the German Federal Foreign Office. <i>Tasks:</i> reviewed state-of-the-art methods, proposed a novel methodology, provided early findings with ML techniques, and contributed to the final report.	
<b>Research Consultant - Data Analyst</b>	Jun 2021 - Aug 2022
Open Philanthropy	Barcelona, Spain
Quantified economic and health costs of conflict considering the “conflict trap” phenomenon. <i>Tasks:</i> designed empirical strategy, developed a probabilistic model using econometric panel data techniques, performed simulations, and contributed to final report.	

## Research

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### Working Papers

“Disaster Risk through Investors’ Eyes: A Yield Curve Analysis”

“Caught in a Trap: Simulating the Economic Consequences of Conflict” with Hannes Mueller

“Coordination Effects among Global Games: An Application on Tax Havens”

## Work in Progress

“On the Measurement of Fragility”

## Teaching

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### Lecturer

Universitat Autònoma de Barcelona

- *Introduction to MATLAB* (Grad., 20h) Spring 2024, 2025
- *Math Brush-Up* (Grad., 20h) Fall 2024

Escola FUAB - Universitat Autònoma de Barcelona

- *Applied Statistics* (Undergrad., 50h) Spring 2021
- *Introduction to Economics* (Undergrad., 50h) Fall 2020

### Teaching Assistant

Universitat Autònoma de Barcelona

- *Game Theory* (Grad.) Spring 2024
- *Contracts and Incentives* (Grad.) Spring 2022
- *Microeconomics I* (Grad.) Spring 2022

Barcelona School of Economics

- *Public Economics I* (Grad.) Fall 2021–2023

## Grants

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Formación de Personal Investigador (FPI Grant) Sep 2021 – Feb 2025  
Ministerio Español de Ciencia e Innovación

BSE-UAB IDEA PhD Track Fellowship Sep 2019 – Aug 2020  
Barcelona Graduate School of Economics

## Skills

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**Languages:** Spanish (Native), Catalan (Native), English (Fluent), Italian (Advanced)

**Software:** Microsoft Office, Matlab, Stata, R, Python, and L<sup>A</sup>T<sub>E</sub>X.

## Presentations

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**2024:** UNU-WIDER: The Road at Crossroads (Mozambique), III Catalan Economic Society Congress, UPF-PhD Workshop, IDEA MacroClub. **2023:** BSE Jamboree, Bellaterra MicroLab. **2022:** Bellaterra MicroLab. **2021:** Red Española de Elección Social, Bellaterra MicroLab.