Jaume Vives i Bastida

PhD Candidate · MIT

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Education

MIT *Cambridge, MA*
PhD in Economics and Statistics *Sep 2019 - present*
- Econometrics, statistical learning, machine learning, industrial organization (GPA: 5.0/5.0)

LSE *London, UK*
BSc. in Econometrics and Mathematical Economics *Oct 2014 - June 2018*
- First Class Honors, Highest score in history in the Honors Thesis
- UC Berkeley Exchange (2016-2017), courses in CS, Physics and Economics (GPA: 3.9/4.0)

Research Projects

Published Papers

"Stretching the net: multidimensional regularization" published at ***Econometric Theory*** in 2023. [**link**]

"Synthetic controls in action" with Alberto Abadie, forthcoming at ***Econometric Society Monographs***. [**arxiv**]

Working Papers

"Predictor selection for synthetic controls" *R&R Journal of Econometrics*. [**arxiv**]

"Bayesian and frequentist inference for synthetic controls" with Ignacio Martinez. (submitted) [**arxiv**]

"Synthetic instrumental variables and unmeasured confounding in DiD settings" with *Ahmet Gulek*. [**link**]

"Bagged polynomial regression and neural networks" with Sylvia Klosin. [**arxiv**]

"Pushing back against private practice: the spanish physician public exclusivity bonus" with *Jon Gruber*, *Núria Mas* and *Judit Vall*.

"Delivering efficiency: welfare in food delivery platforms" with *Alejandro Sabal*. (under preparation)

"Synthetic experimental design for a UBI pilot study" Ivàlua policy report. [**link**]

Professional Experience

2020-2024	**Research Assistant**, for Prof. Alberto Abadie, **MIT**, Cambridge, US
2022-2023	**Teaching Assistant**, Non-linear econometrics and Econometrics for managers, **MIT**, Cambridge, US
	Technical Consultant, experimental design for **Ivàlua**, Catalan Government
2021	**Data Science Intern**, Chief Economist Team, **Google**, MTV, US (Summer)
2018-2019	**Research Professional**, for Prof. Eric Budish, **Booth** School of Business, Chicago, US
2018	**Data Science Intern**, algorithmic pricing and insurance, **Quantco**, Cologne, Germany (Summer)
2017	**Data Analyst Intern**, Finance Business Intelligence team, **Google**, Dublin, Ireland (Summer)
2015	**Quantitative Research Intern**, **Capula** Investment Management LLP., London, UK (Summer)

Awards, Fellowships, & Grants

2024	Best Paper Award, International Association for Applied Econometrics
2023	ACIC Travel Scholarship, Society for Causal Inference
2022-2024	Meta Research PhD Fellowship, Meta/Facebook Research
2020-2022	LaCaixa Postgraduate Fellowship, LaCaixa Foundation
2020	George and Obie Shultz Fund Grant, Shultz Fund
2019	Department Fellowship, MIT Economics
2018	Principles of Econometrics Award, LSE Economics
2014	Extraordinary Baccalaureate Award, Catalan Government
	Ernest LLuch Award, Pompeu Fabra University

Presentations, Skills and Other

Presentations: **2024**: BSE Forum, North American Summer Meeting of the Econometric Society, EEA-ESEM, IAAE, Google. **2023**: European Winter Meeting of the Econometric Society, BSE ML and Energy Workshop, EEA-ESEM, ACIC (oral). **2022**: Rand Causal Inference Symposium, ACIC (poster), DataX Workshop: Synthetic Control Methods (poster), Google, FB, Two Sigma PhD Symposium.
Refereeing: Journal of Applied Econometrics, ICML, ICLR, NeurIPS, SERIEs, Plos One, Economica, NSF grants
Programming: Python, R, Matlab, JavaScript, C++, VBA, Git, SQL