Jaume Vives i Bastida

PhD Candidate · MIT

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Education

MIT *Cambridge, MA*
PhD in Economics and Statistics *Sep 2019 - present*
- Econometrics, statistics and IO (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

Research Projects

Published Papers

"Stretching the net: multidimensional regularization" published at ***Econometric Theory*** in 2021. [**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. [**arxiv**]

"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*. (submitted)

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

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

Professional Experience

2022-2023	**Teaching Assistant**, Non-linear econometrics and Econometrics for managers, **MIT**, Cambridge, US
2020-2023	**Research Assistant**, for Prof. Alberto Abadie, **MIT**, Cambridge, US
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 Strategy Intern**, **Capula** Investment Management LLP., London, UK (Summer)

Awards, Fellowships, & Grants

2023	ACIC Travel Scholarship, Society for Causal Inference
2022-2024	Meta Research PhD Fellowship, Meta/Facebook Research
2022	Conference Grant, MIT GSC
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, Leadership and Other

Presentations: BSE ML and Energy Workshop 2023, EEA-ESEM 2023, ACIC 2023 (oral), Rand Causal Inference Symposium 2022, American Causal Inference Conference 2022 (poster), DataX Workshop: Synthetic Control Methods 2022 (poster), MIT Econometrics Lunch, MIT IO Lunch, Real Colegio Complutense (Harvard), Google Statistics Seminar, FB Statistics Seminar, Two Sigma PhD Symposium 2022
Refereeing: ICLR, NeurIPS, SERIEs, Plos One, Economica, NSF grants
Leadership: MIT Econometrics Lunch organizer, *Graduate Economics Association* co-president (MIT), Founder of *ML at LSE* (data science society), project manager at *ML@B* (UC Berkeley) and Third Team captain at LSE squash
Programming: Python, R, Matlab, JavaScript, C++, VBA, Git, SQL