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UNIVERSITAT POMPEU FABRA

Placement Director:

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Office Contact Information

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Personal Information: Citizenship: Spanish, Dad of one

Graduate Studies:

PhD in Finance, Universitat Pompeu Fabra, 2015 to present Thesis Title: "Fintech, Financial Decisions, and Applied Data Science"

Expected Completion Date: May 2022

Master of Research in Economics, Universitat Pompeu Fabra, 2016 Master of Science in Management, Universitat Pompeu Fabra, top of my class, 2015 Master of Science in Finance, CUNEF, 2008

References:

Professor José-Luis Peydró
Professor Robin Miles Hogarth
Imperial College, CREI, Barcelona SE
Universitat Pompeu Fabra
robin.hogarth@upf.edu

Professor Victoria Vanasco
CREI, CEPR, Barcelona SE

vanasco@crei.cat

Professor Björn Richter
Universitat Pompeu Fabra
bjorn.richter@upf.edu

Undergraduate Studies:

Bachelor of Science in Economics, Universitat Rovira i Virgili, top of my class, 2007

Teaching and Research Fields:

Primary fields: Banking, Fintech, Applied Econometrics & Data Science

Secondary fields: Financial Inclusion, Financial Decision-Making, Financial Stability

Teaching Experience:

Graduate

2018 Corporate Finance, ESADE, teaching fellow for Professor Vicente Bermejo

2018	Behavioral Decision Making, Barcelona School of Economics, teaching fellow
	for Professor Robin Miles Hogarth (excellent teaching evaluations)
2016-2018	Financial Markets, ESADE, teaching fellow for Professor Anna Bayona.
2015	Investments, ESADE, teaching fellow for Professor Anna Bayona
<u>Undergraduate</u>	
2017-2020	Econometrics III, Universitat Pompeu Fabra, teaching fellow for Professor Jaume
	García (excellent teaching evaluations)
2017-2020	Econometrics I, Universitat Pompeu Fabra, teaching fellow for Professor Jaume
	García
2016/2019	Probability & Statistics, Universitat Pompeu Fabra, teaching fellow for Professor
	Mireia Besalú

Research Experience and Other Relevant Employment:

_	2020	Deeplearning.ai, Alpha Tester Consultant, Natural Language Processing Course
	2009-2014	Santander, Credit Risk Portfolio Manager, and Senior Credit Analyst
	2008-2009	Credit Agricole Investment Bank, Fixed Income Sales Trader Intern
	2007-2008	HSBC, Analyst in Global Transaction Banking Intern
	2004-2007	CaixaBank, Financial Advisor Intern

Professional Activities

2019-2021	Catalan University Quality Assurance Agency, Accreditation Committee
	Member
2019	Barcelona School of Management, Creation of a Survey for Catalana Occidente
	Insurance Company to study the financial well-being of Spanish senior citizens
2019	Barcelona School of Economics, Assistant to the Summer Forum Machine
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Learning for Economics workshop

Presentations (*= poster):

2021	Barcelona Finance Seminar (UPF)
2019	SPUDM (EADM)*
2018	Doctoral Consortium (Spanish Finance Association), Judgment Decision Making (SJDM)*, BSE Jamboree (BSE), Max Planck Summer Institute (MPI)*
2017	BSE Jamboree (BSE), Student Seminar (UPF), Brunch Seminar (UPF), Management Seminar (UPF)

Honors, Scholarships, and Fellowships:

2015-2020	Universitat Pompeu Fabra, Ph.D. Fellowship
2019	EBES mobility grant, Machine Learning Summer SCOOL (Inria)
2017	EBES mobility grant, Society for Experimental Finance Summer School
2008	CUNEF, Graduate Scholarship
2007	University Rovira i Virgili, Extraordinary Final Study Prize
2007	Fundació Gresol, First Prize in Economics

Research Papers:

"Fintech, Bank Branch Closings, and Mortgage Markets" (Job Market Paper)

This paper studies whether bank branch closures affect fintech mortgage lending in the U.S. during the 1999–2016 period. To generate plausibly exogenous variation in the incidence of closings, I use an instrument based on within-county, tract-level variation (U.S. Census tracts are small, relatively permanent statistical subdivisions of a county) in exposure to post-merger branch consolidation. I find that branch closures lead to a persistent increase in fintech lending. Fintech mortgages grow by a total of 8% relative to non-closure tracts in the nine years that follow a closing, while bank mortgage lending falls by 44%, off an annual baseline of 340 mortgages. Fintech mortgage growth is driven by wealthier areas and areas with relatively smaller populations of women, seniors, and minorities.

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"How Selective Access to Financial Information Affect How Investors Learn", with Gaël Le Mens
In this study, we compare learning in two common settings in financial markets. One in which investors can observe the outcome of an investment alternative only if they choose it, and another one in which they always can observe the outcome—
even if they do not choose it. We provide empirical evidence that investors' beliefs are, on average, 5% closer to the objective
Bayesian beliefs given the observed information when investors are in a setting where they have access to the financial
information because of endogenous choice. Finally, we describe the mechanism that explains our findings. We show that the
endogenous creation of the sample of information triggers different cognitive processes. These alternative processes cause better
information processing and are of enough magnitude to help overcome the effect of sampling errors.

Research Paper(s) in Progress

"Do pictures affect investment? Typicality, Deep Learning & Crowdfunding Success", with Gaël Le Mens In this paper, we test whether investments in a crowdfunding platform are higher valued if the picture used to promote them is most representative of their category. To explore this, we employ a novel application of Deep Learning. We test this theory with observational data obtained from the crowdfunding platform Indiegogo. We feed as inputs for our model the main picture of each crowdfunding project and obtain as output a measure of the confidence in the classification that we then transform to obtain a typicality measure. We find that crowdfunding projects are not more valued by customers if they are either advertised with a picture that a learning model correctly categorizes or the main image is most representative of its true category.

[&]quot;Fintech and the Great Recession"

[&]quot;Inequality Shocks and Fintech: Evidence from a Natural Experiment in Spain"

[&]quot;Crowdlending to peers: Evidence from a Spanish Crowdlending Platform" with Albert Banal and Jaume Roig