

MARINA SANCHEZ DEL VILLAR

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EDUCATION

Ph.D. in Economics <i>European University Institute, Italy</i> Topic: Technologically enabled financial innovation	2020 - Present
MRes. in Economics <i>European University Institute, Italy</i>	2019 - 2020
MSc. in Industrial Organization <i>Toulouse School of Economics, France</i>	2015 - 2017
B.A. in Economics <i>Universidad Carlos III de Madrid, Spain</i> Exchange Programmes: <i>Università Commerciale Luigi Bocconi Di Milano, Italy</i> <i>University of California, Santa Cruz, United States</i>	2011 - 2015 Sep. 2014 - Feb. 2015 Sep. 2013 - Jun. 2014

PROJECTS

Technology and Credit Market Information Asymmetries

This project explores the impact that technologically oriented lenders have on credit market information asymmetries. New to other studies in the literature, I focus on both adverse selection and moral hazard. The importance of moral hazard decreases the informational advantage coming from better screening and implies that the more technologically enabled player may not always have a market presence if it cannot properly discipline the borrower.

Technology and privacy regulation in loan markets

with Sebastian Doerr, Leonardo Gambacorta and Luigi Guiso

To investigate how privacy preferences and regulation shape loan market outcomes, we build a parsimonious screening model with banks and fintechs. Fintechs have a superior technology to screen with data, but consumers dislike sharing their data with fintechs. A privacy protection regulation that makes users more willing to share data with the fintech, leads to an increase in fintech loan applications and lower fintech interest rates. Exploiting the introduction of the CCPA we provide empirical support for these predictions in the US mortgage market. Results are robust to the inclusion of granular time-varying fixed effects and hold within census tracts at the border of California with its neighboring states. California fintechs are also using more alternative data and hence are rejecting more applicants.

PROFESSIONAL EXPERIENCE

Senior Associate, Innovation and Digital Economy Unit and Innovation Hub <i>Bank for International Settlements, Basel, Switzerland</i> <ul style="list-style-type: none">- PhD Fellowship to collaborate with members of the BIS on topical issues related to financial innovation- Develop economic models to gauge the importance of privacy in the credit market- Contribute to the Eurosystem Centre's pre-opening projects	Apr. - Dec. 2022
Economist, Antitrust and Competition Practice <i>NERA Economic Consulting, Paris, France and Madrid, Spain</i> <ul style="list-style-type: none">- Main contribution: assessed consumer welfare change due to network sharing between two EU mobile operators- Applied research on structural models of demand and supply in the road transport and telecommunications sectors- Extensively worked with Stata and R to conduct data cleaning, organization, econometric analysis, and predictions	Apr. 2017 - Jun. 2019

TEACHING EXPERIENCE

TA Game Theory <i>European University Institute, Italy</i> Teaching assistant for PhD-level course taught by Dr. David Levine	Nov. 2020 - Jan. 2021
Guest Lecturer, App. Contemporary Econ. <i>École des Hautes Études Commerciales de Paris, France</i> Co-delivered one session of the MSc-level course organized by Dr. Jacques Potin	Mar. 2018
TA Macroeconomics <i>Toulouse School of Economics, France</i> Teaching assistant for undergraduate-level course taught by Dr. Sumudu Kankanamge	Jan. - May 2017

AWARDS AND SCHOLARSHIPS

YES Prize in honour of Oleh Havrylyshyn	<i>Croatian National Bank (HNB)</i>	2022
SAEe Ph.D. Student Grant	<i>Fundación Ramón Areces</i>	2022
Salvador de Madariaga Scholarship	<i>Ministerio de Universidades</i>	2019 - Present
Study Abroad Grant	<i>Ministerio de Educación, Cultura y Deporte</i>	2014
Excellence Scholarship	<i>Universidad Carlos III de Madrid</i>	2011
Excellence Scholarship	<i>Comunidad de Madrid</i>	2011
Ruta Quetzal Fellowship	<i>Banco Bilbao Vizcaya Argentaria (BBVA)</i>	2010

ACADEMIC ACTIVITIES AND SERVICE

Cluster Assistant	<i>EUI Technological Change and Society Cluster</i>	Nov. 2020 - Present
Co-organizer	<i>EUI Artificial Intelligence Reading Group</i>	Sep. 2020 - Dec. 2021
Editor-in-Chief	<i>The TSEconomist Student Magazine</i>	Apr. 2016 - Apr. 2017
Referee	Financial Innovation	

CONFERENCES AND PRESENTATIONS

2022	Symposium of the Spanish Economic Association (<i>Valencia</i>), HEC Paris Conference on Banking in the Age of Challenges (<i>Paris</i>), OCC Symposium on the Implications of Financial Technology for Banking (<i>Washington D.C.</i>), Naples School of Economics and Finance workshop (<i>Naples</i>), Jornadas de Economía Industrial (<i>Gran Canaria</i>), Finance Forum PhD session (<i>Santiago de Compostela</i>), Young Economist Seminar at the Dubrovnik Economic Forum (<i>Dubrovnik</i>), Bank for International Settlements research meeting (<i>Basel</i>)
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OTHER INFORMATION

Languages:	Spanish, <i>native</i> ; English, <i>C2—proficient</i> ; French, <i>C1—advanced</i> ; Italian, <i>B1—intermediate</i>
Coding:	<i>Advanced:</i> Stata, Excel <i>Intermediate:</i> Mathematica, R <i>Beginner:</i> Python, MATLAB
Nationality:	Spanish

REFERENCES

Giacomo Calzolari (Main advisor) <i>European University Institute</i> giacomo.calzolari@eui.eu (+39) 055 4685 952/954	Thomas Crossley (Co-advisor) <i>European University Institute</i> thomas.crossley@eui.eu (+39) 055 4685 956
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