

# Sofia Ruiz Palazuelos

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Born	<b>June 19th, 1991</b>	
Positions	<b>Postdoctoral Fellow</b> Aix-Marseille School of Economics, France	Since September 2021
	<b>Postdoctoral Fellow</b> University Pablo de Olavide, Seville	February-August 2021
References	<b>Prof. Yann Bramoullé</b> (Aix-Marseille School of Economics; <a href="mailto:yann.bramoulle@univ-amu.fr">yann.bramoulle@univ-amu.fr</a> ) <b>Prof. Coralio Ballester</b> (University of Alicante; <a href="mailto:coralio@ua.es">coralio@ua.es</a> ) <b>Prof. Norma Olaizola</b> (University of the Basque Country; <a href="mailto:norma.olaizola@ehu.eus">norma.olaizola@ehu.eus</a> )	
Research Interests	Network Economics, Game Theory, Microeconomics	
Education	<b>Ph.D. in Economics</b> , University of the Basque Country <i>Summa Cum Laude</i> Thesis Committee: Coralio Ballester, Norma Olaizola and Arnold Polanski	2016-2021
	<b>M.A. Education</b> , University of Cantabria	2020-2021
	<b>M.S. Economics</b> , University of the Basque Country, University of Cantabria and University of Oviedo	2014-2015
	<b>M.S. Taxation</b> , University of Cantabria	2013-2014
	<b>B.S. Economics</b> , University of Cantabria <i>First class honors</i>	2009-2013
	<b>Professional Degree in Music</b> (Specialization: Piano) Conservatory of Music “Jesús de Monasterio”, Santander	1998-2009
	<b>Louis-André Gerard-Varet Prize</b>	2022
Scholarships & Awards	Award to the paper “Network Perception in Network Games” Association of Southern European Economic Theorists (ASSET)	
	<b>National Scholarship for Doctoral Studies (FPU)</b> Ministry of Education, Spain	2016-2020
	<b>GamesNet Young Scholars’ Competition</b> Gold Award to the paper “Network Perception in Network Games”	2020
	<b>Babson Entrepreneurship Program</b> Boston, US	July 2014
	<b>Extraordinary Award</b> First student in the Graduating Class of 2013. GPA: 9.18/10. School of Economics, University of Cantabria	2013
	<b>Botín Foundation Scholarship for Undergraduate Studies</b> <b>First Prize “Cantabria Coopera”</b>	2010-2013 2006
	Project: “Escuela <i>El Zapote Arriba</i> , El Salvador”.	

Publications	1. Ruiz-Palazuelos, S. (2021). “Clustering in Network Games”. <i>Economic Letters</i> , 205, 109922.	
	2. Ruiz-Palazuelos, S., Espinosa, M. P., & Kovářik, J. (2023). “The weakness of common job contacts”. <i>European Economic Review</i> , 104594. (First Author).	
Visiting Positions	<b>Bocconi University</b> , Visiting Ph.D Student <b>University of Vienna</b> , Erasmus	February-June 2018 2012 – 2013
Working Papers.	<b>Network Perception in Network Games</b>	

- Gold Award of the [GamesNet Young Scholars Competition](#) (2020).
- Winner of the 2022 Louis-André Gerard-Varet Prize in the ASSET conference.

In many situations, people make decisions based on the actions of others, but have incomplete information about the social structure they form. This paper presents a novel approach to the analysis of network games based on group theory. I propose a model of Bayesian updating in which players have incomplete information about the network they are part of, and form beliefs about it based on a set of signals before playing the game. I characterize posteriors for a variety of information setups, and provide conditions under which equilibrium actions depend monotonically on certain aspects of players’ network position (e.g., on their number of friends). The conditions relate network information to the distribution of players in the set of feasible networks, and allow the design of information structures compatible with monotone equilibria. Moreover, they show that, regardless of the structure of the network that players are part of, equilibrium outcomes tend to be more influenced by the topology of networks that are more asymmetric, among all those compatible with their information.

#### **Dynamic Effects of Common Job Contacts** (with María Paz Espinosa and Jaromir Kovářik)

The extent to which individuals’ friends are interconnected or share mutual contacts plays a significant role in creating disparities in employment, as discussed in Ruiz-Palazuelos et al. (2023). Building upon this research, we investigate the long-term effects of overlapping friendship networks on employment outcomes. Our analysis reveals that, holding the number of connections constant, overlapping friendship networks restructure employment probabilities in the sense of first-order stochastic dominance in the steady state: people with overlapping friendship networks have lower employment prospects, *ceteris paribus*. Furthermore, overlapping friendship networks reinforce spatial and temporal correlations in employment statuses, resulting in more persistent employment fluctuations characterized by more prominent economic upswings and downturns.

Work in Progress	<b>Poverty Traps in Social Networks</b> (with Renaud Bourlès and Frédéric Deroïan)
	<b>Antitrust Policy and Market Dynamics</b> (with Sergio Cappellini).
	<b>Measuring Social Cohesion in Social Networks</b> (with Sergio Cappellini).

Seminar Presentations	<b>October 2023:</b> University of Padova, Italy. <b>October 2023:</b> Ca’ Foscari University, Italy <b>September 2023:</b> Public University of Navarra, Spain. <b>April 2023:</b> University of Cantabria, Spain. <b>April 2022:</b> University of Málaga, Spain. <b>September 2021:</b> Aix-Marseille School of Economics, France. <b>April 2021:</b> University Pablo de Olavide, Spain.
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**March 2021:** University of Granada, Spain.

**May 2017:** University of the Basque Country, Spain.

Conferences and Workshops

**2023:** European Winter Meeting, Econometric Society, Manchester.  
European Summer Meeting, Econometric Society, Barcelona;  
North American Summer Meeting, Econometric Society, Los Angeles.  
23<sup>rd</sup> Journées Louis-André Gerard-Varet, Marseille.  
ADRES conference, Dauphine University, Paris.

**2022:** Simposio de Economía Española, Valencia.  
ASSET conference, Crete.  
BiNoMa, Workshop on Networks, Pamplona.  
SMYE, Orleans.  
ADRES conference, Paris School of Economics, Paris.  
Conference in honor of Juan J. Dolado, University Carlos III, Madrid.

**2021:** Networks Conference, Indiana University and Network Science Institute, US.  
EEFS Annual Conference, University of London and FernUniversity, Hagen.  
22<sup>nd</sup> Journées Louis-André Gerard-Varet, Marseille.  
Annual International Symposium on Economic Theory, Athens.  
Simposio de Economía Española, Salamanca.

**2020:** GamesNet Young Scholars' Competition, India.  
ASSET conference, Bilbao.  
Simposio de Economía Española, Alicante.  
BiNoMa, Workshop on Networks, Málaga.

**2013:** XIII Ortega and Gasset Summer School. International University Menéndez Pelayo, Santander.

Teaching

*Lecturer*

<b>Economics of Insurance</b>	Since 2021
<i>Master in Mathematics, Computer Science and Economics</i> , 9 hours. Centrale Marseille	
<b>Strategic Competition and Industrial Organization</b>	2023-2024
<i>Bachelor in Economics</i> , 30 hours. Aix Marseille University	
<b>Inequality: Data and Economic Policy</b>	2021-2022
<i>Master in Mathematics, Computer Science and Economics</i> , 6 hours. Centrale Marseille	
<b>Intermediate Microeconomics</b>	2019-2020
<i>Bachelor in Economics</i> , 30 hours. University of the Basque Country	
<b>Environmental Economics</b>	2017-2018; 2018-2019
<i>Bachelor in Economics</i> , 30 hours. University of the Basque Country	
<b>Pension Management and Dependency</b>	2014-2015
<i>Senior Program in Economics</i> , 10 hours. University of Cantabria	
<b>Public Economics</b>	2013-2014; 2014-2015
<i>Bachelor in Economics</i> , 21 hours. University of Cantabria	
<b>Personal Taxes</b>	2013-2014; 2014-2015
<i>Bachelor in Economics</i> , 40 hours. University of Cantabria	
<b>Social Expenditure</b>	2013-2014; 2014-2015
<i>Bachelor in Economics</i> , 40 hours. University of Cantabria	

*Teaching Assistant*

<b>Spanish Economy</b>	2011-2012
<i>Bachelor in Economics</i> , University of Cantabria	
<b>Personal Taxes</b>	2011-2012
<i>Bachelor in Economics</i> , University of Cantabria	

<i>High School</i>	<b>Economics</b> High-school Teacher, Bernardino Escalante High School.	February-May 2021
Relevant Professional Experience	<b>Mentor</b> , Santander International Entrepreneurship Center <b>Tax Revenue Service</b> , Spanish Tax Agency	2013-2014 June 2014
Academic Service	<b>Andalusian Knowledge Agency</b> Member of the Committee for Accreditation of University Degrees <b>Annual Conference of the Spanish Economic Association (SAEe)</b> Assistant of local organizers <b>Cantabria Campus Nobel</b> Assistant of local organizers	2016-2021  2017  2012
Research Projects	<b>Public Economics and Welfare: Education, Health and the Labor Market</b> Main Researcher: Paula González <b>BIRTE, Bilbao Research Team in Economics</b> Main Researcher: Aitor Antuñano <b>Energy Markets / Networks / Conflict Analysis / Political Economy</b> Main Researcher: Francisco Javier Gardeazábal	2021  2019-2020  2016-2018
Referee for	<i>Social Choice and Welfare</i>	
Languages	<b>Spanish</b> (native), <b>English</b> (C1; Certificate in Advanced English, University of Cambridge) <b>German</b> (B2; Certificate from the Spanish Ministry of Education). I am currently learning French and Italian.	
Other Courses	“Social and Economic Networks”. Stanford University (via <i>Coursera</i> ). Intensive French Course (B2). Aix-Marseille School of Economics, 2023. “Equality? Discrimination? Inclusion? A place for everyone in the EU”. Summer School, European College of Cluny, France 2014. Intensive English Course (C1). Emerald Institute, Dublin, 2014. Entrepreneurship Course, EOI Business School, 2013. Intensive German Course (B1), University of Vienna, 2012. Intensive German Course (A2), University of Vienna, 2011. Intensive German Course (A1), F+U Academy of Languages, Heidelberg. “Management and Public Expenditure in the Fishery Sector”. University of Cantabria, 2011.	