

## Francisco Javier Rodríguez Román

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**Employment**      **University of Cagliari**      June 2021-present  
*Post-doctoral Researcher, Department of Economics and Business*  
**University of Edinburgh**      October 2020-June 2021  
*Stipendiary Fellow, School of Economics*

**Education**      **Universidad Carlos III de Madrid**      June 2021  
*Ph.D in Economics*  
**Universidad Carlos III de Madrid**      September 2016  
*Master in Economic Analysis*  
**Barcelona Graduate School of Economics**      July 2013  
*Master in Economics and Finance*  
**Universidad de Costa Rica**      August 2012  
*B.A. in Economics*

**Visits**      **Centre for Macroeconomics**      September-December 2022  
*London School of Economics*

**References**

<b>Alessio Moro</b> Department of Economics and Business, University of Cagliari, (+39) 0706753313 <a href="mailto:amoro@unica.it">amoro@unica.it</a>	<b>Matthias Kredler</b> (Ph.D advisor) Department of Economics, Universidad Carlos III de Madrid, (+34) 916249312 <a href="mailto:matthias.kredler@uc3m.es">matthias.kredler@uc3m.es</a>
<b>Andrés Erosa</b> Department of Economics, Universidad Carlos III de Madrid, (+34) 916249600 <a href="mailto:aerosa@eco.uc3m.es">aerosa@eco.uc3m.es</a>	<b>Luisa Fuster</b> Department of Economics, Universidad Carlos III de Madrid, (+34) 916249331 <a href="mailto:lfuster@eco.uc3m.es">lfuster@eco.uc3m.es</a>

**Fields**      Macroeconomics, Family Economics, Demographic Economics, Labor Economics.

**Job Market Paper**      **Cash transfers, female labour force participation and fertility: from short to long run** (with Lidia Cruces)  
*Abstract:*  
Developed countries face a demographic scenario of population decline driven by low fertility rates. As a response, governments are deploying family policies to increase the number of children. In this paper we propose a dynamic life-cycle model of fertility and female labour force participation, and use the short-term effects of a cash transfer policy from Spain, which the literature has cleanly identified, to calibrate its parameters. We retrieve the long-term effects via the model, and find that they are about half as large. Moreover, we find that an alternative policy consisting of child-care subsidisation yields only slightly smaller effects on fertility, but positive labour force participation effects. Finally, we explore how the coexistence of temporal and permanent contracts in Spain, which have different earnings profiles, affects fertility and interacts with cash transfers. The effects of this type of labour market are large,

driven by increased returns to experience during crucial child-rearing years. However, the results on the effects of the cash transfers do not change in a scenario with a unique type of contract.

**Working papers**    **The Sex Ratio, Marriage, and Bargaining: A Look at China** (Revision Requested, *Review of Economic Dynamics*)  
Nominated for best early-career paper at the 1st International Workshop on the Chinese Development Model (Barcelona, Spain, July 2022).

**Quantifying the Impact of Childcare Subsidies on Social Security** (with Lidia Cruces)

**Work in progress**    **A Theory of Structural Change, Home Production and Leisure** (with Fenicia Cossu, Alessio Moro and Silvio Tunis)

**Presentations**    **2022:** IX Workshop on Structural Transformation and Macroeconomic Dynamics (Cagliari, Italy), 1st International Workshop on the Chinese Development Model (Barcelona, Spain) **2021:** Macroeconomics Working Group at the European University Institute (online), 34th Annual Conference of the European Society for Population Economics (online), 2nd Brazilian Meeting in Family and Gender Economics (online), CRENoS Workshop (Asinara, Italy), 46th Symposium of the Spanish Economic Association (Barcelona, Spain). **2020:** Virtual Macro-Development-Trade-Environment Reading Group Workshop at Iowa State University (online). **2019:** XXIV Workshop on Dynamic Macroeconomics (Vigo, Spain), Macro Seminar at the University of Mannheim, 44th Symposium of the Spanish Economic Association (Alicante, Spain).

**Scholarships and awards**    SAEe PhD grant    2019  
FPI Doctoral Scholarship (Spanish Ministry of Science)    2016-2020  
UC3M Economics Department scholarship    2014-2016  
Bolsa Inci (IMPA, Brazil)    2012  
Beca 10 Universidad de Costa Rica    2007

**Teaching experience**    **As Course Organizer at The University of Edinburgh**  
International Economics    Fall 2020

**As TA at Universidad Carlos III de Madrid**  
Industrial Organization I: Theory and Regulation (graduate)    Fall 2018  
Instructor: Matilde Machado  
Quantitative Microeconomics (undergraduate)    Fall 2017 and 2018  
Instructors: Iliana Reggio and Ricardo Mora  
Principles of Economics (undergraduate)    Spring 2017, Fall 2016 and 2018  
Instructors: Antonio Romero, Nicolas Motz and Asier Mariscal  
Dynamic Macroeconomics (undergraduate)    Spring 2016, 2017 and 2018  
Instructor: Luisa Fuster  
International Trade (undergraduate)    Fall 2017  
Instructor: Miguel Marinas

**Software and programming**    Stata, Matlab, SPSS, Eviews, Python.

**Other**    Refereeing: Journal of Population Economics, Economía (Journal of LACEA).  
Languages: Spanish (native), English (fluent), Italian (intermediate).  
Citizenship: Costa Rican.