

**Marcos Sanso-Navarro**  
**Curriculum Vitae**  
**January 2025**

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**Contact Information**

Departamento de Análisis Económico  
Facultad de Economía y Empresa  
Gran Vía 2. 50005 Zaragoza (Spain)  
Phone: (+34) 876 554 629  
E-mail: [marcooss@unizar.es](mailto:marcooss@unizar.es)

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**Personal Information**

Date of birth: July 29, 1979  
Sex: Male  
Citizenship: Spaniard

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**Education**

2008 – 2009	Diploma in Pedagogical Training for University Teachers Universidad de Zaragoza
December 2005	Ph.D. in Economics. Universidad de Zaragoza Thesis Title: 'Essays on Financial and Monetary Economics' Advisor: Antonio Montañés Committee: Javier Andrés, Jesús Crespo-Cuaresma, Gabriel Rodríguez, Simón Sosvilla, Jesús Clemente
2001 – 2003	M.Sc. in Economics and Finance. CEMFI
1997 – 2001	B.Sc. in Economics. Universidad de Zaragoza

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**Main Research Interests**

Regional and Urban Economics, Growth and Development, Applied Econometrics

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**Positions**

May 2021 - present	Researcher Instituto Universitario de Investigación en Empleo, Sociedad Digital y Sostenibilidad (IEDIS)
June 2017 – present	Associate Professor Departamento de Análisis Económico, Universidad de Zaragoza
October 2010 – June 2017	Assistant Professor Departamento de Análisis Económico, Universidad de Zaragoza
March 2006 – September 2010	Teaching Assistant Departamento de Análisis Económico, Universidad de Zaragoza
2003 – present	Researcher Grupo de Investigación ADETRE

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**Professional Affiliations and Memberships**

Asociación Española de Economía, Australian Centre on Quality of Life (ACQoL), Computational and Financial Econometrics (CFEnetwork), Euro Area Business Cycle Network, Regional Science Association

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**Awards, Scholarships and Fellowships**

2022	Ángela López Jiménez Research Award – Consejo Económico y Social de Aragón (CESA)
2016	José Castillejo Fellowship – Ministerio de Educación, Cultura y Deporte
2012	FIPROS Research Award – Dirección General de Ordenación de la Seguridad Social
2009	Commendation – ALdE Young Researchers Award
2005	Research Visit Scholarship – Fundación CAI / Gobierno de Aragón
2004	XXX Simposio de Análisis Económico – Conference Grant / Spanish Economic Association

2002 – 2005    Doctoral Fellowship – Gobierno de Aragón  
2001 – 2003    CEMFI Scholarship – Bank of Spain

### Research Visits

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Aug. 2016 – Jan. 2017    Vienna University of Economics and Business (WU)  
Supervisor: Jesús Crespo-Cuaresma  
Sep. 2005 – Dec. 2005    Department of Economics - University of Vienna  
Supervisor: Jesús Crespo-Cuaresma

### Current Research Projects

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'Ciudades y shocks', awarded by Agencia Estatal de Investigación/Ministerio de Ciencia e Innovación (PID2020-112773GB-I00). Lead researchers: Marcos Sanso Navarro and Fernando Sanz Gracia

### Publications

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'The long-run population effects of floods in Spanish municipalities, 1877-2011'. *Applied Economics*, forthcoming. DOI:10.1080/00036846.2024.2448611. With G. Peña

'A nonparametric spatial regression model using partitioning estimators'. *Econometrics and Statistics*, forthcoming. DOI:10.1016/j.ecosta.2023.02.003. With J. Olmo

'Comparing city size distributions: Gridded population versus nighttime lights'. *Journal of Regional Science* 64(4), 1323-1358. With M. Puente-Ajovín and M. Vera-Cabello

'Long-run inequality persistence in the US, 1870–2019' (2024). *Social Indicators Research* 172, 261-281. With C. Gayán-Navarro

'Terrorism determinants, model uncertainty and space in Colombia' (2023). *Defence and Peace Economics* 34(1), 92-111. With F. Sanz-Gracia and M. Vera-Cabello

'The distribution of urban population and economic activity in the European Union and the United States' (2022). *Letters in Spatial and Resource Sciences* 15(3), 517-522. With M. Puente-Ajovín and M. Vera-Cabello

'Firm performance in regulated markets: The case of Spanish defence industry' (2022). *Defence and Peace Economics* 33(2), 201-218. With F.J. Callado-Muñoz, J. Hromcová, N. Utrero-González and M. Vera-Cabello

'Modeling the spread of COVID-19 in New York City' (2021). *Papers in Regional Science* 100(5), 1209-1230. With J. Olmo

'Income inequality and persistence changes' (2020). *Social Indicators Research* 152, 495-511. With M. Vera-Cabello

'An assessment of poverty determinants in U.S. census tracts, 1970–2010' (2020). *Growth and Change* 51(3), 977-999. With C. Gayán-Navarro and F. Sanz-Gracia

'Regional convergence and spatial dependence: A worldwide perspective' (2020). *Annals of Regional Science* 65(1), 147-177. With M. Vera-Cabello and M. Puente-Ajovín

'The socioeconomic determinants of terrorism: A Bayesian model averaging approach' (2020). *Defence and Peace Economics* 31(3), 269-288. With M. Vera-Cabello

'The demographic impact of terrorism: Evidence from municipalities in the Basque Country and Navarre' (2019). *Regional Studies* 53(6), 838-848. With F. Sanz and M. Vera-Cabello

'The long-run relationship between R&D and regional knowledge: The case of France, Germany, Italy and Spain' (2018). *Regional Studies* 52(5), 619-631. With M. Vera-Cabello

'Unconventional monetary policies and the credit market' (2018). *International Journal of Monetary Economics and Finance* 11(5), 480-498. With J. Olmo

'Human capital spillovers and regional development' (2017). *Journal of Applied Econometrics* 32(4), 923-930. With M. Vera-Cabello and D. P. Ximénez-de-Embún

'Regional innovation, growth, and latent nonlinear effects' (2016). *Journal of Regional Science* 56(5), 814-847. With M. Vera-Cabello

'Do regularization programs of illegal immigrants have a magnet effect? Evidence from Spain' (2016). *Manchester School* 84(2), 296-311. With G. Larramona

'Granger causality between debt and growth: Evidence from OECD countries' (2015). *International Review of Economics and Finance* 35, 66-77. With M. Puente-Ajovín

'The impact of the American Civil War on city growth' (2015). *Urban Studies* 52(16), 3070-3085. With F. Sanz and M. Vera-Cabello

'Nonlinearities in regional growth: A nonlinear approach' (2015). *Papers in Regional Science* 94(S1), S1-S38. With M. Vera-Cabello

'Changes in the transmission of monetary policy during crisis episodes: Evidence from the euro area and the U.S.' (2015). *Economic Modelling* 48, 155-166. With J. Olmo

'Forecasting the performance of hedge fund styles' (2012). *Journal of Banking and Finance* 36(8), 2351-2365. With J. Olmo

'Broken trend stationarity of hours worked' (2012). *Applied Economics* 44(30), 3955-3964

'The wage gap between cooperative and capitalist firms: Evidence from Spain' (2012). *Annals of Public and Cooperative Economics* 83(3), 337-356. With J. Clemente, M. Díaz and C. Marcuello

'Subvenciones al coste laboral en las corporaciones locales y empleo' (2012). *Revista de Economía Aplicada* 20(59), 85-110. With J. Clemente and M. A. González

'The effects on U.S. foreign direct investment in the U.K. from not adopting the euro' (2011). *Journal of Common Market Studies* 49(2), 463-483

'Gibrat's law for countries' (2010). *Journal of Population Economics* 23(4), 1371-1389. With R. González-Val

'Análisis de las diferencias salariales entre trabajadores indefinidos' (2008). *Revista de Economía Aplicada* 16(E-1), 93-135. With J. Clemente and I. García

'Another look at long-horizon uncovered interest parity' (2006). *Studies on the Spanish Economy*, 226 (FEDEA). With A. Montañés

## **Working Papers**

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'The determinants of national city size distributions: A BMA approach', with M. Puente-Ajovín and M. Vera-Cabello

Available at SSRN: <https://ssrn.com/abstract=4906275>

'Mass shootings, employment, and housing prices: Evidence from different geographic entities', with C. Gayán-Navarro

Available at SSRN: <https://ssrn.com/abstract=4636216>

'Timing, aid, and the effectiveness of peacekeeping missions', with L. Lafoz-Ortín and C. Pérez-Forniés

Available at SSRN: <https://ssrn.com/abstract=4368002>

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'Horizontal inequality and conflict: An empirical assessment', with L. Lafoz-Ortín and C. Pérez-Forniés  
Available at SSRN: <https://ssrn.com/abstract=4165083>

'The impact of terrorism at the municipality level in Colombia: A new difference-in-differences approach', with M. Vera-Cabello  
Available at SSRN: <https://ssrn.com/abstract=4130613>

'A theoretical framework for horizontal inequality, economic conditions, and conflict', with L. Lafoz-Ortín and C. Pérez-Forniés  
Available at SSRN: <https://ssrn.com/abstract=4077845>

'Income and population growth in the US', with L. Lanaspá  
Available at SSRN: <http://ssrn.com/abstract=2783682>

'Physical capital investment and growth: Panel data evidence from European regions', with M. Vera-Cabello  
Available at SSRN: <http://ssrn.com/abstract=2783678>

'The causal relationship between military spending and unemployment in the EU15', with M. Vera-Cabello  
Available at SSRN: <http://ssrn.com/abstract=2550136>

### **Work in Progress**

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'Climate change and the distribution of city sizes', with M. Vera-Cabello

'Long-run effects of fiscal policy: The role of nominal rigidities and market frictions', with I. Medrano (Ph.D. student) and M. Sanso

'On the heterogeneity of fiscal multipliers in European regions', with I. Medrano

### **Referee for (selected)**

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Annals of Regional Science, Applied Economics, Bulletin of Economic Research, Contemporary Economic Policy, Czech Journal of Economics and Finance, Defence and Peace Economics, Democracy and Security, Economic Modelling, Emerging Markets Finance and Trade, Empirical Economics, German Economic Review, International Journal of Manpower, Journal of Banking and Finance, Journal of Common Market Studies, Journal of Family and Economic Issues, Journal of Population Economics, Journal of Public Economics, Journal of Regional Science, Journal of the Royal Statistical Society: Series A, Journal of Technology Transfer, North American Journal of Economics and Finance, Oxford Bulletin of Economics and Statistics, Papers in Regional Science, PLOS ONE, Post-Communist Economies, Regional Science Policy & Practice, Regional Studies, Research in International Business and Finance, Revista de Economía Aplicada, Review for International Science Review, Scientific Reports, Social Indicators Research, Social Sciences Journal, World Economy

### **Presentations**

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| 2024 | 71st North American Meetings of the Regional Science Association International – New Orleans, USA<br>XLVIII Reunión de Estudios Regionales – Cuenca, Spain<br>37 <sup>th</sup> Annual Conference of the European Society for Population Economics (ESPE) – Rotterdam, The Netherlands<br>13 <sup>th</sup> European Meeting of the Urban Economics Association – Copenhagen, Denmark    |
| 2023 | XLVIII Simposio de la Asociación Española de Economía – Salamanca, Spain<br>Workshop on Regional and Urban Economics – Barcelona, Spain<br>62 <sup>nd</sup> ERSA Congress – Alicante, Spain                                                                                                                                                                                            |
| 2022 | III Jornadas Investigadoras del Seminario de Investigación para la Paz – Zaragoza, Spain (Invited)<br>Universidad Autónoma Latinoamericana – Medellín, Colombia (Invited, on-line)<br>XLVII Reunión de Estudios Regionales – Granada, Spain<br>Workshop on Regional and Urban Economics – Barcelona, Spain (Invited)<br>XXIV Encuentro de Economía Aplicada – Palma de Mallorca, Spain |

- 2021 XLVI Reunión de Estudios Regionales – Madrid, Spain  
XXII Encuentro de Economía Aplicada (on-line)
- 2020 International on-line Conference on Regional Science  
Department of Economics, University of Graz – Graz, Austria (Invited)
- 2019 XLV Reunión de Estudios Regionales / International Conference on Regional Science – Castellón, Spain  
Instituto Valenciano de Investigaciones Económicas/Fundación BBVA – Valencia, Spain (Invited)  
59<sup>th</sup> ERSA Congress – Lyon, France  
23<sup>rd</sup> International Conference on Macroeconomic Analysis and International Finance – Rethymnon, Greece
- 2018 XXXXIII Simposio de la Asociación Española de Economía – Madrid, Spain  
4<sup>th</sup> Geography of Innovation Conference – Barcelona, Spain
- 2017 57<sup>th</sup> ERSA Congress – Groningen, The Netherlands  
XX Encuentro de Economía Aplicada – Valencia, Spain
- 2016 Department of Economics, Vienna University of Economics and Business – Vienna, Austria (Invited)  
56<sup>th</sup> ERSA Congress – Vienna, Austria  
XIX Encuentro de Economía Aplicada – Sevilla, Spain  
15<sup>th</sup> International Workshop on Spatial Econometrics and Statistics – Orléans, France
- 2015 XXXX Simposio de la Asociación Española de Economía – Gerona, Spain  
XLI Reunión de Estudios Regionales / International Conference on Regional Science – Reus, Spain  
AQR Seminar – Universitat de Barcelona (Invited)  
XVIII Encuentro de Economía Aplicada – Alicante, Spain
- 2014 XXII Finance Forum – Zaragoza, Spain  
18<sup>th</sup> International Conference on Macroeconomic Analysis and International Finance – Rethymnon, Greece  
Spring Meeting of Young Economists – Vienna, Austria
- 2013 7<sup>th</sup> CSDA International Conference on Computational and Financial Econometrics – London, United Kingdom  
30<sup>th</sup> Symposium on Money, Banking and Finance - Poitiers, France  
XV Encuentro de Economía Aplicada – Granada, Spain  
III<sup>rd</sup> Workshop in Time Series Econometrics - Zaragoza, Spain
- 2012 16<sup>th</sup> International Conference on Macroeconomic Analysis and International Finance - Rethymnon, Greece
- 2011 4<sup>th</sup> International Conference of the ERCIM Working Group on Computing and Statistics – London, United Kingdom  
XXXVI Simposio de la Asociación Española de Economía – Málaga, Spain  
XIX Finance Forum – Granada, Spain
- 2010 XXXV Simposio de la Asociación Española de Economía – Madrid, Spain  
XIII Encuentro de Economía Aplicada – Sevilla, Spain  
14<sup>th</sup> International Conference on Macroeconomic Analysis and International Finance - Rethymnon, Greece
- 2009 DIW Macroeconometric Workshop – Berlin, Germany  
XXXIV Simposio de la Asociación Española de Economía – Valencia, Spain  
VIII Jornadas de Economía Laboral – Zaragoza, Spain  
XII Encuentro de Economía Aplicada – Madrid, Spain  
13<sup>th</sup> International Conference on Macroeconomic Analysis and International Finance - Rethymnon, Greece  
Departamento de Análisis Económico - Universidad de Zaragoza, Spain
- 2008 12<sup>th</sup> International Conference on Macroeconomic Analysis and International Finance - Rethymnon, Greece
- 2007 XXXII Simposio de Análisis Económico - Granada, Spain  
XV Foro de Finanzas - Palma de Mallorca, Spain  
Jornadas de usuarios de la Muestra Continua de Vidas Laborales (FEDEA) - Madrid, Spain  
Departamento de Análisis Económico - Universidad de Zaragoza, Spain
- 2006 Políticas Macroeconómicas y el reto de la ampliación (UIMP) - Sevilla, Spain (Invited)

- 61<sup>st</sup> European Meeting of the Econometric Society (ESEM) - Vienna, Austria  
10<sup>th</sup> International Conference on Macroeconomic Analysis and International Finance -  
Rethymnon, Greece  
13<sup>th</sup> Global Finance Conference - Rio de Janeiro, Brazil  
2005 XXX Simposio de Análisis Económico - Murcia, Spain  
ASSET 2005 Annual Meeting - Rethymnon, Greece  
2004 XXIX Simposio de Análisis Económico - Pamplona, Spain

#### **Ph.D. students (co-advisor)**

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- 2026 (expected) Iván Medrano Escalada  
2024 Carlos Gayán Navarro  
2023 Lidia Lafoz Ortín  
2019 Adelaida Laguna Rived

#### **Other**

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- 2013 – 2018 CNEAI Research Assessment  
2007 – 2012 CNEAI Research Assessment  
September 2012 ANECA Accreditation (Associate Professor)  
May 2009 ANECA Accreditation (Lecturer)  
2008 – 2009 Member of the Local Committee – VIII Jornadas de Economía Laboral  
2007 – 2008 Member of the Local Committee – XXXIII Simposio de Análisis Económico  
2006 – present Partner - Economic Strategies and Initiatives, S.L.  
(Spin-off – Universidad de Zaragoza)

#### **Languages**

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- Spanish: Native  
English: Fluent  
German: Basic

#### **Computer skills**

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E-Views, GAUSS, GeoDa, LaTeX, Matlab, Quantum-GIS, R, Stata