

Short CV

Javier Barbero

Contact details

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Education

2016: PhD in Economics, Universidad Autónoma de Madrid, Spain.
 2012: Master in International Economics, Universidad Autónoma de Madrid, Spain
 2010: Bachelor of Economics, Universidad Autónoma de Madrid, Spain

Professional Positions

2022- : Lecturer in Economics, Department of Economics, Universidad Autónoma de Madrid.
 2016-2022: Economic Analyst, European Commission, Joint Research Centre (JRC)

Research Interests / Research Profile

Spatial Economics, Regional Economics, Growth, Innovation, Institutions, International Economics, Efficiency and Productivity analysis.

Publications

Articles in peer-reviewed journals

Barbero, J.; Conte, A.; Crucitti, F.; Lazarou, N-J.; Sakkas, S.; and Salotti, S. (2022). "The impact of the recovery fund on EU regions: a spatial general equilibrium analysis". *Regional Studies*, Forthcoming

Barbero, J.; Christensen, M.; Conte, A.; Lecca, P.; Rodríguez-Pose, A.; and Salotti S. (2023). "Improving Government Quality in the Regions of the EU and its System-Wide Benefits for Cohesion Policy". *Journal of Common Market Studies*, 61(1): 38-57.

Barbero, J.; and Rodríguez-Crespo, E. (2022). "Technological, institutional, and geographical peripheries: regional development and risk of poverty in the European regions". *The Annals of Regional Science*, 69, 311-332.

Barbero, J.; Diukanova, O.; Ganelle, C.; Salotti, S.; Santoalha, A. (2022). "Economic modelling to evaluate Smart Specialisation: an analysis of research and innovation targets in Southern Europe". *Regional Studies*, 56(9), 1496-1509.

Persyn, D.; Díaz-Lanchas, J.; **Barbero, J.** (2022). "Estimating road transport costs between and within European Union regions". *Transport Policy*, 124, 33-42.

Barbero, J.; Zabala-Iturriagagoitia, J. M.; Zofío, J. L. (2021). "Is more always better? On the relevance of decreasing returns to scale on innovation". *Technovation*, Volume 107 (102314), 1-15.

Barbero, J.; Mandras, G.; Rodríguez-Crespo, E.; Rodríguez-Pose, A. (2021). "Quality of government and regional trade: Evidence from European Union regions". *Regional Studies*. 55(7), 1240-1251.

Mieszkowski, K.; **Barbero, J.** (2021). "Territorial patterns of R&D+I grants supporting Smart Specialisation projects funded from the ESIF in Poland". *Regional Studies*, 55(3), 390-401.

Abeliansky, A. L.; **Barbero, J.**; Rodriguez-Crespo, E. (2021). "ICTs quality and quantity and the margins of trade". *Telecommunications Policy*, 45 (1), 102056.

Balk, B. M.; **Barbero, J.**; Zofío, J. L. (2020). "A toolbox for calculating and decomposing Total Factor Productivity indices". *Computers & Operations Research*, 115 (104853), 1-23.

Álvarez, I. C.; **Barbero, J.**; Zofío, J. L. (2020), "A Data Envelopment Analysis Toolbox for MATLAB", *Journal of Statistical Software*, 91(3), 1-49.

Barbero, J.; Rodriguez-Crespo, E., (2018), "The effect of broadband on European Union trade: A regional spatial approach", *The World Economy*, 41 (11), 2895-2913.

Edquist, C; Zabala-Iturriagagoitia, J. M.; **Barbero, J.**; Zofío, J. L., (2018), "On the meaning of innovation performance: Is the synthetic indicator of the Innovation Union Scoreboard flawed?", *Research Evaluation*, 27, 196-211.

Barbero, J.; Behrens, K.; Zofío, J. L., (2018), "Industry location and wages: The role of market size and accessibility in trading networks", *Regional Science and Urban Economics*, 71, 1-24

Álvarez, I. C., **Barbero, J.**, Rodríguez-Pose, A., Zofío, J. L., (2018), "Does Institutional Quality Matter for Trade? Institutional Conditions in a Sectoral Trade Framework", *World Development*, 103, 72-87.

Aparicio, J., **Barbero, J.**, Kapelko, M., Pastor, J. T. and Zofío, J. L., (2017), "Testing the consistency and feasibility of the standard Malmquist-Luenberger index: Environmental productivity in world air emissions", *Journal of Environmental Management*, 196, 148-160.

Álvarez, I. C., **Barbero, J.** and Zofío, J. L, (2017), "A Panel Data Toolbox for MATLAB", *Journal of Statistical Software*. 76(6), 1-27.

Álvarez, I. C., **Barbero, J.**, and Zofío, J. L. (2016), "A spatial autoregressive panel model to analyze road network spillovers on production", *Transportation Research Part A: Policy and Practice*, 93(C), 83-92.

Barbero, J. and Zofío, J. L (2016), "The Multiregional Core-periphery Model: The Role of the Spatial Topology". *Networks and Spatial Economics*, 16(2), 469–496.

Álvarez, I. C. and **Barbero, J.**, (2016), "The Public Sector and Convergence with Spatial Interdependence: Empirical Evidence from Spain", *Applied Economics*, 48(24), 2238-2252.

Recent Research Projects

Title: Atracción de Actividades Económicas y Creadoras de Trabajo en Madrid (INNJOBMAD-CM, H2019/HUM-5761).

Sponsor: Comunidad de Madrid

Period: 01/01/2020 - 31/12/2022.

Principal Researcher: Inmaculada C. Álvarez

Title: Infraestructuras, Crecimiento Económico y Productividad

Sponsor: Centro de Estudios de América Latina, Universidad Autónoma de Madrid

Period: July 1, 2015 – December 31, 2016

Principal Researcher: Fernando García-Belenguer

Title: Efectos macroeconómicos de la integración de Estados Unidos en los acuerdos de libre comercio

Sponsor: Centro de Estudios de América Latina, Universidad Autónoma de Madrid

Period: July 1, 2013 – December 31, 2014
Principal Researcher: Inmaculada C. Álvarez

Title: Comercio interregional e internacional de bienes y servicios en España y la UE: fundamentos teóricos y contrastación empírica en el contexto de la Nueva Economía Geográfica

Sponsor: Ministerio de Ciencia e Innovación (ECO2010-21643)

Period: January 1, 2011 – December 31, 2013

Principal Researcher: Carlos Llano

Title: TRANSPORTTRADE: modelización espacial aplicada al movimiento de mercancías y personas en el ámbito internacional e interregional español

Sponsor: Comunidad Autónoma de Madrid, IV PRICIT, S2007/HUM/0467

Period: January 1, 2008 – December 30, 2011

Principal Researcher: José Luis Zofío