

# **REPORT 2016**

Regional Quantitative  
Analysis Group  
(AQR-IREA)



## 1. Scientific articles published in international and national journals (WoS and SCOPUS)

### **Published**

Badillo, E.; Moreno, R. (2016). Are Collaborative Agreements in Innovation Activities Persistent at the Firm Level? Empirical Evidence for the Spanish Case. *Review of Industrial Organization*, 49 (1), 71–101. WoS.

Badillo, E.; Moreno, R. (2016). What drives the choice of the type of partner in R&D cooperation? Evidence for Spanish manufactures and services. *Applied Economics*, 48 (52), 5023-5044. WoS.

Cairo-i-Cespedes, G.; Castells-Quintana, D. (2016). Dimensions of the current systemic crisis. *Progress in Development Studies*, 16, 1, 1-23. WoS.

Carrion-i-Silvestre, J.L. (2016). Fiscal Deficit Sustainability of the Spanish Regions. *Regional Studies*, 50:10, 1702-1713. WoS.

Carrion-i-Silvestre, J.L.; Gadea, M.D. (2016). Bounds, breaks and unit root tests. *Journal of Time Series Analysis*, 37, 165-181. WoS.

Carrion-i-Silvestre, J.L.; Surdeanu, L. (2016). Productivity, Infrastructure and Human Capital in the Spanish Regions. *Spatial Economic Analysis*, 11 (4), 365-391. WoS.

Choi, H.; Choi A. (2016). Regulating private tutoring consumption in Korea: lessons from another failure. *International Journal of Educational Development*, 49, 144-156. WoS.

Claveria, O. (2016). Positioning emerging tourism markets using tourism and economic indicators. *Journal of Hospitality and Tourism Management*, 29, 143-153. SCOPUS.

Claveria, O.; Monte, E.; Torra, S. (2016). A self-organizing map analysis of survey-based agents' expectations before impending shocks for model selection: The case of the 2008 financial crisis. *International Economics*, 146, 40-58. SCOPUS.

Claveria, O.; Monte, E.; Torra, S. (2016). Combination forecasts of tourism demand with machine learning models. *Applied Economics Letters*, 23 (6), 428–431. WoS.

Claveria, O.; Monte, E.; Torra, S. (2016). Quantification of Survey Expectations by Means of Symbolic Regression via Genetic Programming to Estimate Economic Growth in Central and Eastern European Economies. *Eastern European Economics*, 54 (2), 171–189. WoS.

Claveria, O.; Monte, E.; Torra, S. (2016). Modelling cross-dependencies between Spain's regional tourism markets with an extension of the Gaussian process regression model. *SERIEs*, 7 (3), 341-357. WoS.

Claveria, O.; Monte, E.; Torra, S. (2016). Modelling tourism demand to Spain with machine learning techniques. The impact of forecast horizon on model selection. *Revista de Economía Aplicada*, 24 (72), 109-132. WoS.

Claveria, O.; Poluzzi, A. (2016). Tourism trends in the world's main destinations before and after the 2008 financial crisis using UNWTO official data. *Data in Brief*, 7, 1063-1069. SCOPUS.

Davtyan, K. (2016). Interrelation among Economic Growth, Income Inequality, and Fiscal performance: Evidence from Anglo-Saxon Countries. *Review of Public Economics*, 217 (2), 37-66. WoS.

Di Paolo, A. (2016). (Endogenous) occupational choices and job satisfaction among recent Spanish PhD recipients. *International Journal of Manpower*, Vol. 37 Iss: 3, pp.511 – 535. WoS.

Di Paolo, A.; Mañé, F. (2016). Misusing our talent? Overeducation, overskilling and skill underutilisation among Spanish PhD graduates. *Economic and Labour Relations Review*, 7(4), pp. 432–452. WoS.

Gásquez, R.; Royuela, V. (2016). The Determinants of International Football Success: A Panel Data Analysis of the Elo Rating. *Social Science Quarterly*, 97(2), 125-141. WoS.

Goya, E.; Vayá, E.; Suriñach, J. (2016). Innovation spillovers and firm performance: micro evidence from Spain (2004–2009). *Journal of Productivity Analysis*, 45, 1-22. WoS.

Herrera-Idarraga, P; López-Bazo, E; Motellon, E. (2016). Regional wage gaps, education, and informality in an emerging country. The case of Colombia. *Spatial Economic Analysis*, 11 (4), 436-456. WoS.

Kourtit, K.; Royuela, V.; Ponce-Dentinho, T.; Nijkamp, P. (2016). Envisioning experiments on regional science frontiers, *Investigaciones Regionales*, 36, 35-61. SCOPUS.

Llorente, Galera, F. (2016). Flexibilidad Funcional y Flexibilidad Financiera en las Empresas Medianas y Grandes del Sector Metal en Cataluña. *Dirección y organización*, 58, pp. 44-78. SCOPUS.

Matano A.; Naticchioni P. (2016). What Drives the Urban Wage Premium? Evidence along the Wage Distribution. *Journal of Regional Science*, vol. 56 (2), pp.191-206. WoS.

Ramos, R.; Sanromá, E.; Simón, H. (2016). The part-time wage penalty: Does bargaining coverage outweigh regional differences in Spain. *Economic and Labour Relations Review*, 27 (3), pp. 368-386. WoS.

### **Forthcoming and published on-line**

Badillo, E.; Moreno, R. (forthcoming). Does absorptive capacity determine collaboration returns to innovation? A geographical dimension. *The Annals of Regional Science*. WoS.

Banerjee, A.; Carrion-i-Silvestre, J.L. (forthcoming). Testing for panel cointegration using common correlated effects estimator. *Journal of Time Series Analysis*. WoS.

Biagi, B.; Ladu, M.G.; Royuela, V. (forthcoming). Human Development and Tourism Specialization. Evidence from a Panel of Developed and Developing Countries. *International Journal of Tourism Research*. WoS.

Carabotta, L.; Paluzie, E.; Ramos, R. (forthcoming). Does fiscal responsibility matter? Evidence from public and private forecasters in Italy. *International Journal of Forecasting*. WoS.

Castells-Quintana, D. (forthcoming). Malthus living in a slum: Urban concentration, infrastructure and economic growth. *Journal of Urban Economics*. WoS.

Castells-Quintana, D.; Royuela, V. (forthcoming). Spatially blind policies? Analysing agglomeration economies and European Investment Bank funding in European neighbouring countries. *The Annals of Regional Science*. WoS.

Castells-Quintana, D.; Royuela, V. (forthcoming). Tracking positive and negative effects of inequality on long-run growth. *Empirical Economics*. WoS.

Claeys, P.; Ramos, R.; Suriñach, J. (forthcoming). Interaction of government tiers and central Banks in a federation: an empirical test. *Fiscal Studies*. WoS.

Claveria, O.; Monte, E.; Torra, S. (forthcoming). Data pre-processing for neural networks-based forecasting. Does it really matter?. *Technological and Economic Development of the Economy*. WoS.

Claveria, O.; Monte, E.; Torra, S. (forthcoming). A data-driven approach to construct survey-based indicators by means of evolutionary algorithms. *Social Indicators Research*. WoS.

Claveria, O.; Monte, E.; Torra, S. (forthcoming). A new approach for the quantification of qualitative measures of economic expectations. *Quality & Quantity*. WoS.

Claveria, O.; Monte, E.; Torra, S. (forthcoming). Assessment of the effect of the financial crisis on agents' expectations through symbolic regression. *Applied Economics Letters*. WoS.

Claveria, O.; Monte, E.; Torra, S. (forthcoming). Using survey data on economic perceptions and expectations in forecasting real activity with evolutionary algorithms. *A cross-country analysis*. *Journal of Applied Economics*. WoS.

Claveria, O.; Poluzzi, A. (forthcoming). Positioning and clustering of the world's top tourist destinations by means of dimensionality reduction techniques for categorical data. *Journal of Destination Marketing & Management*. WoS.

Di Paolo, A.; Matas, A.; Raymond, J.L. (forthcoming). Job Accessibility and Job-Education Mismatch in the Metropolitan Area of Barcelona. *Papers in Regional Science*. WoS.

Garcia, J.R.; Murillo, J.; Suriñach, J.; Vayá, E. (forthcoming). Economic Impact of the Ministry of Defence's Budget: Methodological Design and Results for the Spanish Economy. *Defence and Peace Economics*. WoS.

Gómez-Salcedo, M.S.; Galvis-Aponte, L.A.; Royuela, V. (forthcoming). Quality of Work Life in Colombia: A Multidimensional Fuzzy Indicator. *Social Indicators Research*, pp 1-26. WoS.

Jung, J.; López-Bazo, E. (forthcoming). Factor Accumulation, Externalities and Absorptive Capacity in Regional Growth: Evidence from Europe. *Journal of Regional Science*. WoS.

López-Tamayo, J.; Ramos, R.; Suriñach, J. (forthcoming). Economic performance, social progress and institutional reform in European neighbouring countries. *Annals of Regional Science*. WoS.

Matano, A.; Ramos, R. (forthcoming). Remittances and Educational Outcomes: A Regional Investigation for Moldova. *Annals of Regional Science*. WoS.

Melguizo, C. (forthcoming). An analysis of Okun's law for the Spanish provinces. *Review of Regional Research*. WoS.

Murillo-Huertas, I.; Ramos, R.; Simón, H. (forthcoming). Regional differences in the gender wage gap in Spain. *Social Indicators Research*. WoS.

Nieto, S.; Ramos, R. (forthcoming). Overeducation, skills and wage penalty: Evidence for Spain using PIAAC data. *Social Indicators Research*. WoS.

Ramos, R.; Suriñach, J. (forthcoming). A gravity model of migration between ENC and EU. *Tijdschrift voor economische en sociale geografie*. WoS.

Romaní, J.; Casado-Díaz, J.; Lillo, A. (forthcoming). On the links between spatial variables and overeducation. *Applied Economics Letters*. WoS.

Royuela, V.; Ordoñez, J. (forthcoming). Internal migration in a developing country: A panel data analysis of Ecuador (1982-2010). *Papers in Regional Science*. WoS.

Simón, H.; Sanromá, E.; Ramos, R. (forthcoming). Full-and part-time wage differences in Spain: An analysis along the wage Distribution. *International Journal of Manpower*. WoS.

## 2. Scientific articles published in international and national journals (nor WoS or SCOPUS)

Di Paolo, A. (2016). El Retorn del Coneixement d'Anglès en el Mercat Laboral Català. *Revista Econòmica de Catalunya*, 74, 30-39.

Díaz, J.P.; Romaní, J. (2016). An approximation to household overcrowding: evidence from Ecuador. *Revista Politècnica (Escuela Politécnica Nacional de Quito)*, Vol. 37 (2).

Obaco, M.; Piguave, Edwin. (2016). Diferencias salariales entre ciudades en el Ecuador. *Revista SATHIRI (Universidad Politécnica de Chimborazo, Ecuador)*, 10.

Ramos, R. (2016). Gravity models: A tool for migration analysis. *IZA World of Labor*, 2016, 23

Ramos, R.; Duque, J. C.; Nieto, S. (2016). Decomposing the rural-urban differential in student achievement in Colombia using PISA microdata, *Estudios de Economía Aplicada*, Vol. 34 (2), 379-412.

Reyes, G.; Suriñach, J.; Barragán, A. (2016). Promoting the development of the academic path through the National System of Researchers. A first attempt at evaluation. *Journal of Science and Technology Policy Management* ISSN 2053-4620, Vol. 7 (1), 101-131.

Suriñach, J.; Calero, J. (2016). The relevance of Lifelong Learning (LL) in the Economics of Education: establishing a research program. *Estudios de Economía Aplicada* ISSN 1697-5731, Vol. 34 (2), 305-318.

Suriñach, J.; Calero, J. (2016). Economics of Education. Evaluation and Policies. Presentation, *Estudios de Economía Aplicada* ISSN 1697-5731, Vol. 34 (2), 321-322.

Suriñach, J.; Vayá, E.; García, J.R.; Murillo, J.; Romaní, J. (2016). El efecto del turismo de cruceros de Barcelona en la economía se cifra en 800 millones de euros. *Marítimas*.

## 3. Books

Riera, M.C.; Blasco-Martel, Y. (2016). La teoría cuantitativa del dinero. La demanda de dinero en España: 1883-1998. *Estudios de Historia Económica*, 72.

Suriñach, J.; Casanovas, J.A.; André, M.; Murillo, J.; Romaní, J. (2016). Excursionisme en àrees petites: metodologia i aplicació al cas de la província de Barcelona. (Espanya): *Diputació de Barcelona*.

## 4. Book chapters

López-Bazo, E.; Monastiriotis, V.; Motellón, E. (2017). The role of education in regional labour Markets: Evidence from two fragile economies. En Fonseca, M. I Fratesi, U. (Eds.) *Regional Upgrading in Southern Europe. Spatial Disparities and Human Capital*. Chapter 6. Advances in Spatial Science, Springer International Publishing.

Ramos, R., Royuela, V. (2017). Graduate migration in Spain: the impact of the Great Recession on a low-mobility country, in Corcoran, J.; Faggian, A. (Eds), *Graduate Migration and Regional Development - Chapter 8*, Edward Elgar, Publishing.

## 5. Working Papers

Badillo, E.R.; Moreno, R. (2016). Technological cooperation in Spanish firms. AQR WP 2016/01.

Choi, H. (2016). Do anti-discrimination laws alleviate labor market duality? Quasi-experimental evidence from Korea. AQR WP 2016/02.

D'Agostino L.M.; Moreno, R. (2016). Exploration during turbulent times: an analysis of the effects of R&D cooperation on radical innovation performance during the economic crisis. AQR WP 2016/05.

Davtyan, K. (2016). Income Inequality and Monetary Policy: An analysis on the Long Run Relation. AQR WP 2016/04.

Davtyan, K. (2016). The Distributive effects of conventional and unconventional monetary policies. AQR WP 2016/06.

López-Bazo, E.; Motellón, E. (2016). Innovation, heterogeneous firms, and the region. AQR WP 2016/07.

Miguélez, E.; Moreno, R. (2016). Relatedness, external linkages and innovation. AQR WP 2016/03.

Ramos, R.; Royuela, V. (2016). Graduate migration in Spain: the impact of the great recession on a low mobility country. AQR WP 2016/08.

Tojeiro-Rivero, D.; Moreno R.; Badillo, E. (2016). Breakthrough innovations: The impact of foreign acquisition of knowledge. AQR WP 2016/10.

Vayá, E.; García, J.R.; Murillo, J.; Romaní, J.; Suriñach, J. (2016). Economic Impact of Cruise Activity: The Port of Barcelona. AQR WP 2016/09. XREAP2016-07.

## 6. Contributions to international conferences

Blasco Martel, Y.; **Riera i Prunera, M.C.** “La teoría cuantitativa del dinero. La demanda de dinero en España: 1883-1998”. II Seminar in Economic History. Madrid, Spain (October 6, 2016).

Caminal, R.; **Di Paolo, A.** “Your Language or Mine?”. 28th EALE Conference, Ghent, Belgium (September 15-17, 2016).

Cappellari, L.; **Di Paolo, A.** “Bilingual Education and Earnings: Evidence from a Language-in-Education Reform”. 2nd TIER-LEER Workshop on Education Economics, Maastricht, Netherlands (March 23-24, 2016).

**Carrion-i-Silvestre, J. L.**; Gadea, M. D.; Montañés, A. “Unbiased estimation of autoregressive models in bounded series”. 10th International Conference on Computational and Financial Econometrics, Sevilla, Spain (December 9-11, 2016).

**Carrion-i-Silvestre, J. L.**; Kim, D. “Quasi-likelihood ratio tests for cointegration, cobreaking and cotrending”. Conference on New Trends and Developments in Econometrics, Lisbon, Portugal (June 3-4, 2016).

**Carrion-i-Silvestre, J. L.**; Kim, D. “Quasi-likelihood ratio tests for cointegration, cobreaking and cotrending. Co-integration, Multivariate Time Series Modelling and Structural Change. Essex, UK (July 11, 2016).



**Carrion-i-Silvestre, J. L.;** Kim, D. “Structural breaks and instabilities at the end of sample”. 10th International Conference on Computational and Financial Econometrics, Sevilla, Spain (December 9-11, 2016).

**Choi, H.** “Do anti-discrimination laws alleviate labor market duality? Quasi-experimental evidence from Korea”. 4th PhD-Student Workshop in Industrial and Public Economics, Reus, Spain (February 11-12, 2016).

**Choi, H.** “Do anti-discrimination laws alleviate labor market duality? Quasi-experimental evidence from Korea”. 9th RGS Doctoral Conference in Economics, Bochum, Germany (February 23-25, 2016).

**Choi, H.** “Do anti-discrimination laws alleviate labor market duality? Quasi-experimental evidence from Korea”. Mastering Metrics: An Empirical Strategies Workshop, London, UK (June 14-17, 2016).

**Choi, H.** “Do anti-discrimination laws alleviate labor market duality? Quasi-experimental evidence from Korea”. 28th EALE Conference, Ghent, Belgium (September 15-17, 2016).

**Choi, H.** “Do anti-discrimination laws alleviate labor market duality? Quasi-experimental evidence from Korea”. 5th International IAB Workshop on Evaluation of Passive and Active Labor Market Policies, Nuremberg, Germany (November 18-19, 2016).

**Choi, H.** “Do anti-discrimination laws alleviate labor market duality? Quasi-experimental evidence from Korea”. 41 Simposio de la Asociación Española de Economía, SAEe 2016, Bilbao, Spain (December 15-17, 2016).

**Claveria, O.;** Monte, E.; Torra, S. “Short-term forecasting of GDP via evolutionary algorithms using survey-based expectations”. 36<sup>th</sup> International Symposium on Forecasting, Santander, Spain (June 19-22, 2016).

Colantone I.; Matano A.; **Naticchioni P.** “New Imported Inputs, Wages and Worker Mobility”, SIE Conference, University of Bocconi, Milan, Italy (October 20-22, 2016).

**D’Agostino, L.M.;** Moreno, R. “Exploration during turbulent times: an analysis of the effects of R&D cooperation on radical innovation performance during the economic crisis”. 18th INFER Annual Conference, Reus, Spain (June 8-9, 2016).

**D’Agostino, L.M.;** Moreno, R. “Exploration during turbulent times: an analysis of the effects of R&D cooperation on radical innovation performance during the economic crisis”. The DRUID16 20th Anniversary Conference, Copenhagen (June 13-15, 2016).

**D’Agostino, L.M.;** Moreno, R. “Exploration during turbulent times: an analysis of the effects of R&D cooperation on radical innovation performance during the economic crisis”. Governance of Complex World Conference (GCW) of the EUROpean Network on Knowledge, INnovation, Development (EURKind), Valencia, Spain (June 22-24, 2016).

**Di Paolo, A.;** Matano, A. “The Impact of Working while Studying on the Academic and Labour Market Performance of Graduates: the Joint Role of Working Intensity and Job-Field Match”. 7th International Workshop on Applied Economics of Education, Catanzaro, Italy (June 19-21, 2016).

Di Paolo, A.; **Matano, A.** “The Impact of Working while Studying on the Academic and Labour Market Performance of Graduates: the Joint Role of Working Intensity and Job-Field Match”. XXXI AIEL Conference, Trento, Italy (September 22-23, 2016).

Di Paolo, A.; **Tansel, A.** “Analyzing Wage Differentials by Fields of Study: Evidence from Turkey”. 28th EALE Conference, Ghent, Belgium (September 15-17, 2016).

Díaz-Sánchez, J.P.; **Romaní, J.** “The Effects of International Emigration on Household Overcrowding. Evidence from Ecuador”. 18th INFER Annual Conference, Reus, Spain (June 8-10, 2016).

Duque, L.; Pujol-Jover, M.; **Riera Prunera, M.C.** “Learning Skills: how far away are businessmen and graduates?”. 1st. HEIRRI Conference (Higher Education Institutions and Responsible Research and Innovation). Barcelona, Spain (March 18, 2016).

**López-Bazo, E.**; Motellón, E. “Firm's Innovation and the Subtle Role of Regional Factors”. 3rd Geography of Innovation Conference, Toulouse, France (January 28-30, 2016).

**López-Bazo, E.**; Motellón, E. “Innovation, Heterogeneous Firms, and the Region”. First SMARTER Conference on Smart Specialization and Territorial Development, Sevilla, Spain (September 29-30, 2016).

**López-Bazo, E.**; Motellón, E. “Innovation, Heterogeneous Firms, and the Region”. 41 Simposio de la Asociación Española de Economía, SAEe 2016, Bilbao, Spain (December 15-17, 2016).

López-Bazo, E.; Ramos, R.; Moreno, R.; **Royuela, V.** “The impact of social security contributions on employment. A meta-analysis”. Meta-Analysis of Economics Research Network, Hendrix College, USA (September 15-17, 2016).

**Matano, A.**; Di Paolo, A. “The Impact of Working while Studying on the Academic and Labour Market Performance of Graduates: the Joint Role of Working Intensity and Job-Field Match”. Europan Labour Economic Association, Ghent, Belgium (September 15-17, 2016).

**Melguizo, C.** “An analysis of Okun's law for the Spanish provinces”. CRENoS Seminar, Cagliari, Italy (December 2, 2016).

**Melguizo, C.**; i Royuela, V. “What drives migration moves across urban areas in Spain? Evidence from the Great Recession”. 56th ERSA Congress, Vienna, Austria (August 23-26, 2016).

Miguélez E.; **Moreno, R.** “The impact of technological variety in co-patenting networks”. 3rd Geography of Innovation Conference, Toulouse, France (January 28-30, 2016).

**Murillo Huertas, I.**; Ramos, R.; Simón, H. “Regional differences in the gender wage gap in Spain”. XXV Jornadas de la Asociación de Economía de la Educación (AEDE), Badagoz, Spain (June 30 – July 1, 2016).

Murillo-Huertas, I.; Ramos, R.; **Simón, H.** “Regional differences in the gender wage gap in Spain”. 56th European Regional Science Association Congress, Vienna, Austria (August 23-26, 2016).

Nieto, S.; **Ramos, R.** “Do entrepreneurs use different skills? Evidence from PIAAC”. 3rd PIAAC International Conference, Madrid, Spain (November 6-8, 2016).

Obaco, M.; **Royuela, V.**; Xavier, V. “Computing Functional Urban Areas Using a Hierarchical Travel Time Approach: An Applied Case in Ecuador”. 63rd Annual North American Meetings of the Regional Science Association International, Minneapolis, USA (November 9-12, 2016).

**Obaco, M.**; Royuela, V.; Xavier, V. “Computing Functional Urban Areas Using a Hierarchical Travel Time Approach: An Applied Case in Ecuador”. 56th ERSA congress, Vienna, Austria (August 23-26, 2016).

**Romaní, J.**; Casado-Díaz, J.M.; Lillo-Bañuls, A. “Exploring the links between commuting and residential mobility decisions based on individual data”. International Workshop on residential mobility in metropolitan areas, Granada, Spain (February 2-4, 2016).



**Royuela, V.** “Causas y consecuencias de las desigualdades regionales”. Cátedra Europa, Universidad del Norte, Barranquilla, Colombia (March 14-19, 2016).

**Rubino, N.** “Oil Volatility Pass-Through and Real Exchange Rate Misalignment in Commodity Exporting Countries”, 2nd RSEP Multidisciplinary Conference, Madrid, Spain (November 2-4, 2016).

**Rubino, N.** “Oil Volatility Pass-Through and Real Exchange Rate Misalignment in Commodity Exporting Countries”, 10th International Conference on Computational and Financial Econometrics, Sevilla, Spain (December 9-11, 2016).

**Suriñach, J.;** Casanovas, J.A.; André.; Murillo, J.; **Romaní, J.** “Day Trips: an operational definition and methodology to measure the phenomenon at a regional and local level”. 19th International Conference on Cultural Economics, Valladolid, Spain (June 21-24, 2016).

Vayá, E.; García, J.R.; Murillo, J.; **Romaní, J.;** Suriñach, J. “Economic impact of cruises activity: the case of the Port of Barcelona”. 19th International Conference on Cultural Economics, Valladolid, Spain (June 21-24, 2016).

**Villar, O.;** Carrion-i-Silvestre, J.L. “Contagion in public debt markets: A cointegration approach volatility”. VI Workshop in Time Series Econometrics, Zaragoza, Spain (April 7-8, 2016).

**Villar, O.;** Carrion-i-Silvestre, J.L. “Contagion in public debt markets: A cointegration approach volatility”. INFINITI Conference on International Finance 2016, Dublin, Ireland (June 13-14, 2016).

## 7. Contributions to national conferences

**Alcañiz, M.;** Chulià, H.; Riera-Prunera, M.C.; Rius, A. “Aprendizaje universitario para el mercado laboral: actitudes y competencias profesionales”. VI Congreso Nacional sobre Mercado de Trabajo y Relaciones Laborales. Palencia, Spain (April 14-15, 2016).

André, M.; Casanovas, J.A.; Murillo, J.; **Romaní, J.;** Suriñach, J. “What's new on the 21st century Family Travels? Implications on Cultural Consumption and Policies”. XLII Reunión de Estudios Regionales, International conference on Regional Science, Santiago de Compostela, Spain (November 16-18, 2016).

**Carrion-i-Silvestre, J. L.;** Gadea, M. D.; Montañés, A. “Unbiased estimation of autoregressive models in bounded series”. VI Workshop in Time Series Econometrics, Zaragoza, Spain (April 7-8, 2016).

Carrion-i-Silvestre, J. L.; **Villar-Frexedas, O.** “Dependence and financial contagion in the stock market during the great recession”. XIX Encuentros de Economía Aplicada, Sevilla, Spain (June 9-10, 2016).

Carrion-i-Silvestre, J. L.; **Villar-Frexedas, O.** “Contagion in public debt markets: A cointegration approach with nonstationary volatility”. XIX Encuentro de Economía Aplicada, Sevilla, Spain (June 9-10, 2016).

D'Agostino, L.M.; **Moreno, R.** “Exploration during turbulent times: an analysis of the effects of R&D cooperation on radical innovation performance”. XIX Encuentro de Economía Aplicada, Sevilla, Spain (June 9-10, 2016).

D'Agostino, L.M.; **Moreno, R.** “The effects of green regions on local firms' innovation”. XLII Reunión de Estudios Regionales, Santiago de Compostela, Spain (November 16-18, 2016).

Hanold, S.; **López-Bazo, E.** “Innovation and Inequality. Firm-level Evidence from the Spanish Regions”. XIX Encuentro de Economía Aplicada, Alicante, Spain (June 9-10, 2016).

Hanold, S.; **López-Bazo, E.** “Innovation and Inequality. Firm-level Evidence from the Spanish Regions”. XLII Reunión de Estudios Regionales, Santiago de Compostela, Spain (November 16-18, 2016).

**Matano A.**; Di Paolo A. “The Impact of Working while Studying on the Academic and Labour Market Performance of Graduates: the Joint Role of Working Intensity and Job-Field Match”. XIX Encuentro de Economía Aplicada, Sevilla, Spain (June 9-10, 2016).

**Matano A.**; Di Paolo, A. “The Impact of Working while Studying on the Academic and Labour Market Performance of Graduates: the Joint Role of Working Intensity and Job-Field Match”, Simposio de la Asociación Española de Economía, Bilbao, Spain (December, 15-17, 2016).

**Melguizo, C.** “An analysis of Okun’s law for the Spanish provinces”. IX IREA Annual Workshop, Barcelona, Spain (January 15, 2016).

**Melguizo, C.**; Royuela, V. “What drives migration moves accross urban areas in Spain? Evidence from the Great Recession”. XLII Reunión de Estudios Regionales, Santiago de Compostela, Spain (November 16-18, 2016).

Murillo, I.; Ramos, R.; **Simón, H.** “Regional differences in the gender wage gap in Spain”. XIX Encuentro de Economía Aplicada, Sevilla, Spain (June 9-10, 2016).

**Obaco, M.**; Royuela, V. “Agglomeration effects in Ecuador”. XLII Reunión de Estudios Regionales, Santiago de Compostela, Spain (November 16-18, 2016).

**Obaco, M.**; Royuela, V.; Xavier, V. “Computing Functional Urban Areas Using a Hierarchical Travel Time Approach: An Applied Case in Ecuador”. Spatial Clustering Workshop, Murcia, Spain (October 6-7, 2016).

**Obaco, M.**; Royuela, V.; Xavier, V. “Computing Functional Urban Areas Using a Hierarchical Travel Time Approach: An Applied Case in Ecuador”. 9ª Reunión de Usuarios de Stata, Barcelona, Spain (October 20, 2016).

**Ramos, R.**; Murillo, I.; Simón, H. “Labour market institutions and inter-regional wage differentials in Spain”. XLII Reuniones de estudios regionales, Santiago de Compostela, Spain (November 16-18, 2016).

Ramos, R.; **Royuela, V.** El impacto de la innovación sobre el empleo y la desigualdad en las regiones españolas”. XLII Reunión de Estudios Regionales, Santiago de Compostela, Spain (November 16-18, 2016).

Suriñach, J.; Casanovas, J.A.; André.; Murillo, J.; **Romaní, J.** “Day Trips: an operational definition and methodology to measure the phenomenon at a regional and local level”. XLII Reunión de Estudios Regionales, Santiago de Compostela (November 16-18, 2016).

Vayà, E.; García, J.R.; Murillo, J.; **Romaní, J.**; Suriñach, J. “Economic impact of cruises activity: the case of the Port of Barcelona”. XLII Reunión de Estudios Regionales, Santiago de Compostela, Spain (November 16-18, 2016).

## 8. Invited seminars and conferences

Colantone I.; **Matano A.**, Naticchioni P. “New Imported Inputs, Wages and Worker Mobility”. Seminar University of Milan, Milan, Italy (May 11, 2016).

Colantone I.; Matano A.; **Naticchioni P.** “New Imported Inputs, Wages and Worker Mobility”. Seminar JRC, Ispra, Italy (June 28, 2016).

Colantone I.; Matano A.; **Naticchioni P.** “New Imported Inputs, Wages and Worker Mobility”. Invited Seminar, Department of Economics, Trondheim, Norway (August 31, 2016).

Colantone I., Matano A., **Naticchioni P.** “New Imported Inputs, Wages and Worker Mobility”. Seminar University of Bergen, Bergen, Norway (September 1, 2016).

Melguizo, C.; **Royuela, V.** “What drives migration moves across urban areas in Spain? Evidence from the Great Recession”. REAL Seminar, University of Illinois at Urbana Champaign, USA (September 27, 2016).

**Royuela, V.** “Algunos apuntes sobre la economía de la Fiesta Taurina. Predicciones 2016-17”. El toreo y la nueva sociedad, Fundación Cajasol, Huelva (March, 2, 2016).

**Royuela, V.;** Ordóñez, J.A. “Determinants of internal migration in Ecuador (1982-2010)”. Universidad del Norte, Barranquilla, Colombia (March 19, 2016).

**Royuela, V.;** Veneri, P.; Ramos, R. “Income inequality, urban size and economic growth in OECD regions”. University of Milan-Bicocca, Milan (April 13, 2016).

**Royuela, V.;** Veneri, P.; Ramos, R. “The sort-run relationship between inequality and growth: evidence from OECD regions during the great recession”. REAL Seminar, University of Illinois at Urbana Champaign, USA (September the 6, 2016).

## 9. Participation in Competitive Projects

Period: 2016-2019

Title: Perception and Evaluation of Regional and Cohesion policies by Europeans and Identification with the Values of Europe (PERCEIVE)

Institution: European Union

Reference: HORIZON 2020 -REFLECTIVE-3-2015- 693529

PI: Jordi Suriñach

Team members: M. Encarnacion Andre, Bibiana Barnadas, Josep Lluís Carrion-i-Silvestre, Hoon Choi, Miguel Juan Clar, Antonio Di Paolo, Moises Lenyn Obaco, Enrique Lopez, Jorge Lopez, Alessia Matano, Celia Melguizo, Rosina Moreno, Elisabet Motellon, Joaquin Murillo, Ernest Pons, Jose Ramon Garcia, Raul Ramos, Maria Carme Riera, Javier Manuel Romani, Vicente Royuela, Nicola Rubino, Jordi Suriñach, Esther Vaya.

Period: 2016-2018

Title: La implantación de la Garantía Juvenil en España: Jóvenes, trabajo y futuro

Institution: Ministerio de Economía y Competitividad.

Reference:

PI: Carles Feixa, Maria Angels Cabasés

Team members: Maria Angels Cabases, Inês Conceio, Lucía Dans, Carles Feixa, Maria Jesus Gómez, Yvonne Kosma, Carmen Leccardim, Jordi Nofre, Agnès Pardell, Yannis Pechtelidis, Carme Riera, José Sanchez, Joana Soto Alvarez de Sotomayor, Emanuelle Toscano.

Period: 2015 -2018

Title: Solidarity in European societies: empowerment, social justice and citizenship (SOLIDUS)

Institution: European Union

Reference: HORIZON 2020 -EURO-SOCIETY-2014

PI: Marta Soler

Team members: Raul Ramos, Marta Soler, Jordi Suriñach.

Period: 2015-2017

Title: Innovación y Territorio. Colaboración Tecnológica, Competitividad Internacional y Factores Locacionales (TERRINNO) ECO2014-59493-R

Institution: Ministerio de Economía y Competitividad

Reference: ECO2014-59493-R. Programa Estatal de I+D+i Orientada a los Retos de la Sociedad

PI: Rosina Moreno

Team members: Riccardo Crescenci, Enrique López-Bazo, Ernest Miguélez, Rosina Moreno, Elisabet Motellón, Stefano Usai, Esther Vayá.

Period: 2015-2017

Title: Non-stationary time series and panel data analysis with instabilities (TSPDI), ECO2014-58991-C3-1-R

Institution: Ministerio de Economía y Competitividad

Reference: ECO2014-58991-C3-1-R. Programa Estatal de I+D+i Orientada a los Retos de la Sociedad

PI: Josep Lluís Carrion-i-Silvestre

Team members: Anindya Banerjee, Tomás del Barrio, Josep Lluís Carrion-i-Silvestre, María Dolores Gadea, Dukpa Kim, Cecilio-Ricardo Tamarit.

Period: 2016

Title: Ajuts per a l'elaboració d'estudis de recerca per aprofundir en els resultats de l'Estudi d'Ocupadors 2014

Institution: Agència per a la Qualitat del Sistema Universitari de Catalunya

Reference:

PI: Elisabet Motellón

Team members: Elisabet Motellón, Sandra Nieto.

Period: 2015-2016

Title: IMProving inclusion and IAbout marKet Transition for young adults in Europe through Life Long Learning. IMPAKT-L2

Institution: Ministerio de Economía y Competitividad

Reference: EUIN2015-62647

PI: Jordi Suriñach

Team members: Jorge Calero, Álvaro Choi, Antonio Di Paolo, J. Oriol Escardíbul, Enrique López, Alessia Matano, Raul Ramos, Jordi Suriñach.

Period: 2015-2016

Title: Indicadors d'e-government pel foment del creixement: Com es posiciona Catalunya dins d'Europa?

Institution: Escola d'Administració Pública de Catalunya (EAPC)

Reference: 2014EAPC00022.

PI: Maria Pujol

Team members: Raquel Insa, Maria Pujol, Maria Carme Riera.

Period: 2015-2016

Title: Red de análisis de la solvencia exterior en la UE (SOLVEX 2.0)

Institution: Ministerio de Economía y competitividad

Reference: Plan Estatal de Investigación Científica y Técnica y de Innovación 2013-2016.

PI: Cecilio Tamarit

Team members: Tomás del Barrio, Josep Lluís Carrion-i-Silvestre, M<sup>a</sup> Dolores Gadea, Antonio Montañés, Cecilio Tamarit.

Period: 2015-2016

Title: Análisis comparativo de los factores que inciden sobre la decisión de abandonar una licenciatura en el área de ciencias: el caso de la UAEM y la Universidad de Barcelona

Institution: UAMX

PI: Jordi Suriñach

Team members: Miquel Clar, Jordi Suriñach, Esther Vayá.

Period: 2014-2016

Title: Redes de colaboración tecnológica e innovación. Determinantes y efectos sobre la competitividad de las empresas españolas (INNOREDES)

Institution: Fundación BBVA

Reference: Convocatoria de Ayudas Fundación BBVA a Proyectos de Investigación

PI: Rosina Moreno

Team members: Josep Lluís Carrion-i-Silvestre, Riccardo Crescenzi, Enrique López, Rosina Moreno, Ernest Miguélez, Raul Ramos, Vicente Royuela, Jordi Suriñach, Stefano Usai, Esther Vayà.

Period: 2014-2016

Title: Grup d'Anàlisi Quantitativa Regional (AQR-IREA)

Institution: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Reference: 2014SGR1362.

PI: Enrique López

Team members: Erika Raquel Badillo, Josep Lluís Carrion-i-Silvestre, David-Enrique Castells, Miquel Clar, Oscar Claveria, Karen Davtyan, Antonio Di Paolo, Esther Goya, Paula Herrera, Francisco Llorente, Enrique López, Jordi López, Alessia Matano, Rosina Moreno, Elisabet Motellón, Joaquim Murillo, Sandra Nieto, Ernest Pons, José Ramón García, Raúl Ramos, M<sup>a</sup> Carme Riera, Javier Romaní, Vicente Royuela, Jordi Suriñach, Esther Vaya.

Period: 2014-2016

Title: Spatial analysis of the labour market for young: Human capital, activation policies and entrepreneurship

Institution: Ministerio de Economía y Competitividad

Reference: ECO2013-41022-R

PI: Raul Ramos

Team members: Begoña Cueto, Antonio Di Paolo, Alessia Matano, Matías Mayor, Raul Ramos, Vicente Royuela, Patricia Suárez, Jordi Suriñach.

## 10. Awarded proposals submitted in private and public calls

Period: 2017-2019

Title: Estrategías Territoriales para mejorar la resistencia en tiempos de crisis

Institution: Universitat de Barcelona

Reference: ECO2016-75805-R

PI: Vicente Royuela

Team members: David-Enrique Castells, Oscar Claveria, Begoña Cueto, Antonio Di Paolo, Alessia Matano, Matias Mayor, Sandra Nieto, Raul Ramos, Vicente Royuela, Patricia Suarez Cano, Jordi Suriñach.

## 11. Thesis

### 11.1 Defended thesis

Author: García, Omar

Title: Tres ensayos sobre la movilidad laboral. Aspectos metodológicos y evidencia empírica

Director: Ramos, Raul

Date: 29/01/2016 - 12:00h

Place: Sala de Junes de l'edifici 696

Author: Davtyan, Karen

Title: Essays on Macroeconomic Policies and Redistribution

Director: Carrion-i-Silvestre, Josep Lluís i Ramos, Raul

Date: 29/04/2016 - 15:00h

Place: Sala de Graus. Edifici 690

Author: Ordoñez, Jessica Andrea

Title: Tres ensayos sobre migración y mercado laboral en Ecuador

Director: Ramos, Raul; Royuela, Vicente

Date: 24 de maig de 2016 - 12:00 h

Place: Sala de Graus. Edifici 690

## 11.2 Thesis in progress

Author: Bartoll, Xavier  
Title: Three essays on labour economics and health status  
Director: Ramos, Raul

Author: Cassó, Carlos  
Title: Social inefficiency of territorial entry policy: An structural approach  
Director: Borrell, Joan Ramon i Carrion-i-Silvestre, Josep Lluís  
Author: Choi, Hoon.  
Title: Effects of protection on non-regular workers on wage, fringe benefits, and job training opportunity: evidence from the 2007 reform in Korea  
Director: Ramos, Raul

Author: Díaz Sánchez, Juan Pablo  
Title: Essays on Household Overcrowding: Evidence from Ecuador  
Director: Romaní Fernández, Javier

Author: Gásquez, Roberto  
Title: El fútbol. Relaciones e interrelaciones entre el deporte y el desarrollo.  
Director: Royuela, Vicente; García-Durán Huet, Patricia

Author: Jung Lusiardo , Juan Felipe  
Title: Essays on Absorptive Capacity, ICT, Spatial Externalities, and Regional Growth  
Director: López-Bazo, Enrique

Author: Larré, Lourdes  
Title: Tres ensayos sobre el Capital Humano en Paraguay  
Director: Ramos, Raul; Suriñach, Jordi

Author: Melguizo, Celia  
Title: Ensayos sobre mercado de trabajo en España  
Director: Ramos, Raul; Royuela, Vicente

Author: Méndez Rebolledo, Teresita de Jesús  
Title: El impacto social del posgrado en México desde los perfiles profesionales de sus egresados y la opinión de empleadores  
Director: Suriñach Jordi; Ojeda Ramírez, Mario Miguel

Author: Obaco Álvarez, Moisés  
Title: Three essays on agglomeration economies in Ecuador  
Director: Royuela, Vicente

Author: Ocampo Corrales, Diego  
Title: Knowledge flows and the creation of technologies in renewable energies at the regional level in Europe  
Director: Moreno, Rosina; Suriñach, Jordi

Author: Rubino, Nicola  
Title: Three essays on commodity prices  
Director: Carrion-i-Silvestre, Josep Lluís

Author: Tojeiro Rivero, Damian  
Title: Breakthrough innovation and Regional determinants: Which knowledge is more important?  
Director: Moreno, Rosina

Author: Vega Núñez, Adriana Patricia  
Title: Formal-informal sector transitions in the Ecuadorian labor market



Director: Ramos, Raul; Di Paolo, Antonio

## 12. AQR Workshops and Seminars

### Workshops

2016 Barcelona Workshop on Regional and Urban Economics: Innovation, networks and the geography of knowledge diffusion. October 27<sup>th</sup>-28<sup>th</sup>, 2016

[www.ub.edu/aqr/workshop/2016](http://www.ub.edu/aqr/workshop/2016)

### Regional and Urban Economics Seminars

#### **Simonetta Longhi (Institute for Social and Economic Research (ISER))**

Labour market disadvantage of ethnic minority British graduates: university choice, family background or neighbourhood?

05-02-2016 12:30 ERE 329

#### **Francesco Quatraro (University of Turin)**

Knowledge Complexity and Productivity Growth in European Regions

19-02-2016 12:30 ERE 329

#### **Stefania Marcassa (Université de Cergy-Pontoise)**

The Geography of Social Change

04-03-2016 12:30 ERE 329

#### **Cristina Lopez-Mayan (Universitat Autònoma de Barcelona)**

Teaching styles and achievement: Student and Teacher Perspectives

18-03-2016 12:30 ERE 329

#### **Jasper van Dijk (University of Oxford)**

A non-parametric examination of the local multiplier effect – who benefits?

01-04-2016 12:30 ERE 329

#### **Helen McGuirk (University of Limerick)**

The role of regions, firms and policy in supporting innovative human capital as a driver of firm-level innovation

15-04-2016 12:30 ERE 329

#### **Pier Paolo Saviotti (Université Pierre Mendès-France)**

Differentiation, structural change and co-evolution in economic development

29-04-2016 12:30 ERE 329

#### **Marta Trapero-Bertran (UIC & CRES-UPF)**

Behaviour, quality of life and economic evaluation

06-05-2016 12:30 ERE 329

#### **Luis Cesar Herrero (Universidad de Valladolid)**

Territory and Culture: Building Cultural Capital Indicators. Applications to Spain and Italy

27-05-2016 12:30 ERE 329

#### **John Rand (University of Copenhagen)**

New Evidence on Bribes and Taxes: Spatially Concentrated or Randomly Distributed

14-10-2016 12:30 ERE 329

#### **Andrés Barge-Gil (Universidad Complutense de Madrid)**

Corporate scientists as triggers of transitions in firms' R&D strategies

11-11-2016 12:30 ERE 329

#### **Tommaso Frattini (Università degli Studio di Milano)**

Immigrants' peer effects in vocational education

25-11-2016 12:30 ERE 329

### Lunch Seminars

**Hoon Choi (AQR-IREA, Universitat de Barcelona)**

Do anti-discrimination laws alleviate labor market duality? Quasi-experimental evidence from Korea

03-02-2016 14:00 ERE 329

**Joan Maria Mussons (University of Barcelona)**

Estimating Potential Output at Regional Level: the Catalan Case

13-04-2016 14:00 ERE 329

**Jorge Antonio Rodríguez (University of Valencia)**

The effect of different kinds of innovation on Ecuadorian firms performance

18-05-2016 14:00 ERE 329

**Moisés Lenyn Obaco Álvarez (AQR-IREA, Universitat de Barcelona)**

Computing Functional Urban Areas Using a Hierarchical Travel Time Approach: An Applied Case in the Developing World

25-05-2016 14:00 ERE 329

**Paula Gutiérrez Portilla (Universidad de Cantabria)**

What drives FDI location in the Spanish regions? A spatial panel approach

22-06-2016 14:00 ERE 329

**David-Enrique Castells Quintana (Universitat Autònoma de Barcelona)**

Beyond Kuznets: Average urban agglomeration size and income inequality

04-10-2016 14:00 ERE 329

**Andrés Vallone (Universidad Autónoma de Madrid)**

Space, time and cities. Analysing the concentration and dynamics of the Chilean urban system.

19-10-2016 14:00 ERE 329

**Barbara Masi (Queen Mary University of London)**

On the Way Down: the Unintended Consequences of School Transport Subsidies

02-11-2016 14:00 ERE 329

**Sergio Petralia (Utrecht University)**

The Electrical Revolution

15-11-2016 14:00 ERE 329

**Valentina Morretta (Middlesex University Business School)**

Territorial Capital and Firms' productivity: evidence from Italian regions

30-11-2016 14:00 ERE 329

## 13. Members

### Researchers:

- |                                    |                       |
|------------------------------------|-----------------------|
| 1. Marien André                    | 8. Enrique López-Bazo |
| 2. Josep Lluís Carrion-i-Silvestre | 9. Jordi López-Tamayo |
| 3. Miquel Clar                     | 10. Alessia Matano    |
| 4. Oscar Claveria                  | 11. Rosina Moreno     |
| 5. Antonio Di Paolo                | 12. Elisabet Motellón |
| 6. José Ramón García               | 13. Joaquim Murillo   |
| 7. Francisco Llorente              | 14. Sandra Nieto      |
|                                    | 15. Ernest Pons       |
|                                    | 16. Raül Ramos        |

17. M<sup>a</sup> Carme Riera
18. Javier Romani
19. Vicente Royuela
20. Jordi Suriñach
21. Esther Vayá
22. Òscar Villar

**PHD Students:**

1. Hoon Choi
2. Roberto Gásquez
3. Juan Felipe Jung
4. Lourdes Larré
5. Celia Melguizo
6. Moisés Lenyn Obaco
7. Nicola Rubino
8. Damián Tojeiro

**Former PHD Students:**

1. Erika R. Badillo
2. Antonio Baez
3. Laura Carabotta
4. Laia Castany
5. David Castells
6. Isabel Cortés
7. Karen Davtyan

8. Juan Carlos Duque
9. Mireia Fernández
10. Omar García
11. Esther Goya
12. Paul Herrera
13. Carolina Hintzmann
14. Fadi Mohamed Hisham Abdelradi
15. Jaime Martínez
16. Joan Carles Martori
17. Ernest Miguélez
18. Antoni Mora
19. Elisabet Motellón
20. Sandra Nieto
21. Jessica Ordóñez
22. Raquel Ortega
23. Gabriel Pons
24. Gerardo Reyes
25. Vicente Germán Soto
26. Laura Surdeanu
27. Leonardo Augusto Tariffi
28. Claudia Tello
29. Tomás Tomeo
30. Òscar Villar

**Support Research:**

1. Bibiana Barnadas
2. Clara Vilella Vilaregut

## 14. Contact

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