

# Departament d'Economia Aplicada



*Universitat Autònoma de Barcelona*

*Edifici B - Campus de la UAB - 08193 Bellaterra (Barcelona) - Spain-*

*Phone: +34 93 5811680 - e-mail: [d.econ.aplicada@uab.cat](mailto:d.econ.aplicada@uab.cat)*

The Universitat Autònoma de Barcelona (UAB) is a generalist campus-based University, hosting 43.000 students. The UAB plays a leading role in scientific research. In 2015, UAB got the EURAXXES recognition from the European Commission with mention for the HR Excellence in Research. **Founded in 1985, the Department of Applied Economics (DEA)** is part of this reality. It **has a longstanding tradition as a research and teaching institution in Applied Economics.**

*The aim of the activities at the DEA is to patronise, coordinate, and promote teaching and research activities in the area of Applied Economics.*

**Our Department currently comprises around 35 full-time members** whose research interests cover all of the major fields in Applied Economics (Public Economics, Labour Economics, International Economics, Environmental and Resource Economics, Urban and Regional Economics, Transport Economics, Rural Development, Applied Macroeconomics and Applied Microeconomics).

**Our research environment benefits from the presence of a significant number of graduates and post-graduate students** and the technical support of the administrative staff. **The DEA also hosts researchers and visiting students from universities across the world.** In the same manner, the DEA faculty usually spends some time abroad, visiting and researching in well known international institutions (IMF or OECD) and universities (including Boston University, University of Southern California, University of California Berkeley, University of Queensland, Cornell University and Maastricht University, University of Toronto, University College Dublin, Peking University, London School of Economics, University of York).

Since 2008, the department has adopted a policy for hiring new members of staff from the international job market according to the rules and procedures implemented in the leading departments in Europe. The purpose of this policy is to consolidate several research groups and, in turn, to be a point of reference in the international landscape for research in empirical economics.

**The DEA runs a graduate programme which includes a PhD and three Master programmes** with around 8 new PhD students and 30 MSc students enrolled each year. In 2014, our PhD programme was awarded the status of recognized doctoral program according to the new directives of the Spanish Ministry of Education on postgraduate programs. In 2015, the Master in Applied Research in Economics and Business (MAREB) and the Master in European Integration (MIEE) were awarded with the recognition of International Master's Programme (IMP) by AGAUR (Agency for the Educational Quality). In 2016, MAREB was awarded with the recognition of Excellence by AGAUR

**The DEA is also very active in leading research projects** that have a strong scientific interest and are valuable for decision makers. These projects usually benefit from the financial support of the local administration (Generalitat de Catalunya, Ajuntament de Barcelona), the national administration (Ministerio de Economía y Competitividad), and other institutions.

**We are currently running two series of seminars:** one series of informal seminars (applied lunch seminars) held by members of the department and another (departmental seminars) led by internationally recognised scholars.

The members of staff of the DEA are responsible for teaching in various schools of the Universitat Autònoma de Barcelona (UAB) in the Bellaterra and Sabadell campus. Their main subject areas are in the fields of International Economics, Public Economics, Spanish Economics, Principles of Economics, Labour Economics and Economic Policy.

Moreover, a few members of the department are also very active as members of scientific committees and help to run events which take place regularly and have an international impact.

Finally, as a member of the UAB Campus of Excellence, the DEA also runs various scientific projects and collaborative research projects with other institutions on the campus. The DEA has scientific partners not only in the other departments of the Faculty of Economics, but also in the Institut d'Anàlisi Econòmica (CSIC) and the Faculty of Sciences.

## *Brief description of the unit's main research objectives*

The research interests of the various members of the DEA cover several aspects of the problems associated with empirical economics and public policies. We can summarise them, in random order, as follows:

### **- Pensions and social public expenditure**

This research line aims at evaluating the long term sustainability of various European retirement systems in an environment in which workers have an increasing degree of mobility. Special emphasis is addressed to microsimulation methods.

### **-Fiscal policies and public goods provision**

This line analyses the consequences of indirect fiscal harmonisation when governments finance the provision of public "global" goods in an international context, above all referring to public spending in education.

### **- Labour economics**

This research line aims to investigate the macroeconomics of the labor market: labor demand, labor supply, wage setting, unemployment. We are also interested in studying the importance of education in human capital formation and in agents' employment perspectives.

### **- Poverty and equality**

We analyse the distribution of income and earnings, with special emphasis on inequality and (multidimensional) poverty. We also contribute to the empirical and theoretical literature on equality of opportunity and intergenerational mobility.

### **- International economics**

We are mostly interested in detecting the effects of integration on the distribution of activities across space and their impact on regional and local economic development. In addition we are active in investigating recent issues associated with the globalization process, above all referring to the Global Supply Chain and the international financial markets.

### **- Political Economics**

Our research interests focus on the economic consequences of corruption, the role of political regimes in economic performance and the importance of media on electoral outcomes

### **- Urban economics**

This research line focuses on several topics: the study of the urban spatial structure, the effects of transportation infrastructure improvements on urban growth, urban sprawl, urban sustainability, city congestion, segregation and inequality at urban level.

### **-Ecological economics and environmental policy**

This research area aims to better understand the relationship between economic activity, institutional action and greenhouse gas emissions and other environmental problems, both at Spanish and international levels.

### **- Rural development and policies**

Our research addresses the problem of the conservation of threatened species in humanised landscapes, as well as the sustainable exploitation of natural resources.

### **- Infrastructure and transport economics**

The objective in this line of research is to analyze the different economic impacts of transport infrastructures. We estimate their role in terms of economic growth, employment and spillover effects, both at national and regional level, using different methodological approaches.

### **- Regulation in service sectors**

This research line considers the design of specific regulation mechanisms in the transportation, electricity and telecommunications sectors, particularly in terms of participation and coordination of different tiers of government. We also focus on the analysis of regulation and competition issues in different markets; regulation in networks industries and Antitrust analysis.

### **- Industrial Organization**

This research line investigates from a theoretical and empirical viewpoint the role of R&D investments in competitive setting, the evaluation of forms of public support to private R&D as well as pricing strategies in final-good markets.

## Research activity:

### *Publications in journals (2014-2017)*

#### *Selected forthcoming*

Agnese, P. and **Hromcová, J.** "Bubble Economics and Structural Change: The Cases of Spain and France Compared", *Journal of Economic Policy Reform*,

**Andrés, L., and Padilla, E.** "Driving factors of GHG emissions in the EU transport activity", *Transport Policy*,

Callado, F., **Hromcová, J.** and Utrero, N., "Effects of Institutional Environment and Technology Development on Payment Choice", *Technological and Economic Development of Economy*,

**Castells-Quintana, D.** "Beyond Kuznets: inequality and the size of distribution of cities", *Journal of Regional Science*,

**Castells-Quintana, D.** and Royuela, V. "Tracking positive and negative effects of inequality on long-run growth", *Empirical Economics*,

**Castells-Quintana, D.**, and Royuela, V. "Spatially blind policies? Analysing agglomeration economies and EIB funding in European neighboring countries", *Annals of Regional Science*,

Hémet, C., **García-López, M.À.** and Viladecans-Marsal E. "How does transportation shape intrametropolitan growth? An answer from the Regional Express Rail", *Journal of Regional Science*,

Kyriacou, A.P. Muinelo-Gallo L. and **Roca Sagalés, O.** "Redistributive Efficiency in 28 Developed Economies", *Journal of European Social Policy*,

**Basco, S.** and Mestieri, M. "Mergers along the Global Supply Chain: Information Technologies and Routine Tasks", *Oxford Bulletin of Economics and Statistics*,

**López-García, M.A.**, Del Rey, E., "On the Dynamic Efficiency of Balanced Growth Paths in an Endogenous Growth Setting", *Macroeconomic Dynamics*,

Lopez-Valcarcel, B.G., Jiménez, J.L., and **Perdiguero, J.** "Danger: *Local corruption is contagious!*" *Journal of Policy Modelling*,

Jiménez, J.L., and **Perdiguero, J.** "Mergers and difference-in-difference estimator: Why firms do not increase prices?" *European Journal of Law and Economics*,

Monfort, M., Ordóñez, J. and **Sala, H.** "Inequality and unemployment patterns in Europe: Does integration lead to (real) convergence?" *Open Economies Review*,

**Nicolini, R.** and **Roig Sabaté, J.L.** (editors) "The regional and urban development in Latin America" special monographic issue for *Revue d'Economie Régionale et Urbaine*,

**Perdiguero, J.**, and Borrell, J.R. "Driving competition in local markets with Near-Perfect Substitutes: An Application on the Spanish Retail Gasoline Market" *Empirical Economics*,

**Padilla, E.** "What can developing countries gain from a green transformation?" in *Green Industrial Policy*, DIE and UNEP,

#### *2017*

Abio, G., Patxot, C., Sanchez-Romero, M. and **Souto, G.** "The Welfare State and Demographic Dividends", *Demographic Research*, vol. 36, p. 1453-1490, (2017),

## Research activity:

### *Publications in journals (2014 - 2017)*

**Agudelo, S. and Sala, H** "Wage rigidities in Colombia: Measurement, causes and policy implications", *Journal of Policy Modelling*, vol. 39(3), pp. 547-567 (2017),

**Alcántara, V., Padilla, E.** and Piaggio, M. "NOX emissions and productive structure in Spain: an input-output perspective", *Journal of Cleaner Production*, vol. 141, 420-428, (2017),

Baglioni, S., De Pieri, B., Lulkiewicz, U., **Rosell, J.** and Tallarico, T. "Public Policy Interventions in Surplus Food Recovery in France, Germany, Italy and Spain". In Baglioni, S., Calo, F., Garrone, P., Molteni, M. (Eds.), "Food saving in Europe. At the Crossroad of Social Innovation", Springer (2017),

Baranzini, A., van den Bergh, J., Carattini, S., Howarth, R., **Padilla, E.**, Roca, J. (2017) "Carbon pricing in climate policy: Seven reasons, complementary instruments, and political-economy considerations", *WIREs Climate Change*, Vol. 8(4), pp. 1–17, (2017),

**Busom, I.** and Vélez, J. A. "Innovation, public support and productivity in Colombia. A cross-industry comparison", *World Development*, vol. 99, pp. 75-94, (2017),

**Busom, I.**, López Mayán, C. and Panadés, J. "Students' persistent preconceptions and learning economic principles", *Journal of Economic Education*, vol. 48(2), pp.74-92 (2017),

**Castells-Quintana, D.** "Malthus living in a slum: Urban concentration, infrastructure and economic growth", *Journal of Urban Economics*, vol. 98, pp.158-173, (2017),

**Castells-Quintana, D.**, Lopez-Uribe, M. and McDermott, T. "Geography, institutions and development: A review of the long-run impacts of climate change", *Climate and Development*, vol. 9(5), pp. 452-470, (2017),

Di Paolo, A., **Matas, A.** and Raymond, J.L. "Job accessibility and job education mismatch in the metropolitan area of Barcelona" *Papers in Regional Science*, vol.96, pp. S91-S113, (2017),

Epifani, I. and **Nicolini, R.** "Modelling population density over time: how spatial distance matters" *Regional Studies*, vol. 51(4), pp. 602-615, (2017),

Fageda, X., Jiménez, J.L., **Perdiguero, J.**, and Marrero, K. "Does de-hubbing affect airline prices and frequencies at touristic routes" *Tourism Management*, Vol. 61, pp. 465-471, (2017),

Gómez-Tello, A. and **Nicolini, R** "Immigration and productivity: a Spanish tale" *Journal of Productivity Analysis*, vol. 47(2), pp. 167-183, (2017),

Hémet, C., **García-López, M.À.** and Viladecans-Marsal E. "Next train to the polycentric city: The effect of railroads on subcenter formation", *Regional Science and Urban Economics*, vol. 67, pp. 50-63, (2017),

Kyriacou, A.P., Muínelo-Gallo, L. and **Roca-Sagalés, O.** "Regional Inequalities, Fiscal Decentralization and Government Quality", *Regional Studies*, vol. 51(6), pp. 945-957 (2017),

López-Torres, L., **Nicolini, R.** and Prior, D. "Does strategic interaction affect demand for school places? A conditional efficiency approach", *Regional Science and Urban Economics*, vol. 65, pp. 89-103 (2017),

**Matas, A., Roig, J.L.** and Ruíz, A. "Impacto territorial de las infraestructuras de transporte: el caso del AVE", in García, J. González-Páramo, J.M. and **Matas, A.** (eds.), "Análisis Empíricos sobre la economía española. Ensayos en homenaje a Josep Lluís Raymond Bara", Chap. 15, Funcas and Thomson Reuters – Aranzadi, Madrid, (2017),

## Research activity:

### *Publications in journals (2014 - 2017)*

**Matas, A.**, Raymond, J.L. and Domínguez, A. "Changes in fuel economy: An analysis of the Spanish car market", *Transportation Research Part D: Transport and Environment*, vol.55, pp. 175-201 (2017),

**Nicolini, R. and Roig J.L.** "Gender and culture: do they matter for norms?" *Applied Economics Letters*, vol.24 (19), pp. 1423 -1427 (2017),

Piaggio, M., **Padilla, E.**, Román, C. (2017) "The long-term relationship between CO2 emissions and economic activity in a small open economy: Uruguay 1882-2010", *Energy Economics*, Vol. 65, pp. 271–282, (2017)

Teixidó-Figueras, J., Duro, J.A. and **Padilla, E.** "The causal factors of international inequality in CO2 emissions per capita: A regression-based inequality decomposition analysis", *Environmental and Resource Economics*, Vol. 67, pp. 683–700 (2017),

### 2016

Agnese, P. and **Hromcová, J.** "Low-Skill Offshoring and Welfare Compensation Policies" *Economic Modelling*, 52, 408-426, (2016),

**Agudelo, S.A.** and **Sala, H.** "Wage setting in the Colombian manufacturing industry", *Economics of Transition*, vol. 24 (1), pp. 99-134, (2016),

Bera, A.K., Galvao, A., **Montes-Rojas, G.** and Park, S. Y. "Asymmetric Laplace regression: Maximum likelihood, maximum entropy and quantile regression", *Journal of Econometric Methods*, vol. 5 (1), pp. 79-102, (2016),

Bernardo, V., Borrell, J.R. and **Perdiguero, J.** "Fast Charging Stations: Simulating Entry and Location in a Game of Strategic Interaction", *Energy Economics*, Vol. 60, pp. 293-305, (2016),

**Busom, I.**, Corchuelo, B. and Martínez-Ros, E. "Participation inertia in R&D tax incentive and subsidy programs", *Small Business Economics*, vol. 48(1), pp. 153-177, (2016),

Del Rey, E. and **López García, M.A.** "Endogenous Growth and Welfare Effects of Education Subsidies and Intergenerational Transfers", *Economic Modelling*, vol. 52, Part B, pp. 531-539, (2016),

Duro, J.A, Teixidó-Figueras, J. and **Padilla, E.** "Empirics of the international inequality in CO2 emissions intensity: explanatory factors according to complementary decomposition methodologies", *Environmental and Resources Economics*, vol. 63(1), pp. 57-77, (2016),

Flores-Fillol, R., **García López, M.A.** and **Nicolini, R.** "Organization of Land Surrounding Airports: The Case of the Aerotropolis" *Land Economics*, vol. 92(1), pp. 57-81, (2016),

Ghoshray, A., Ordóñez, J. and **Sala, H.** "Euro, crisis and unemployment: youth patterns; youth policies", *Economic Modelling*, vol. 58, pp. 442-453, (2016),

Heller, W.B., Kyriacou, A.P. and **Roca-Sagalés, O.** "Institutional Checks and Corruption: The Effect of Formal Agenda Access on Governance", *European Journal of Political Research*, vol. 55, pp. 681-701, (2016),

Jadotte, E. and **Ramos, X.** "The effect of Remittances on Labour Supply in the Republic of Haiti", *Journal of Development Studies*, vol. 52(12), pp. 1810-1825, (2016),

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### *Publications in journals (2014 - 2017)*

Jiménez, J.L., **Perdiguero, J.** and García, C. "Evaluation of subsidies programs to sell green cars: Impact on prices, quantities and efficiency", *Transport Policy*, vol. 47, pp. 105-118, (2016),

**López, A.L.**, Rey, P. "Foreclosing Competition through High Access Charges and Price Discrimination", *The Journal of Industrial Economics*, vol. 64 (3), pp. 436-465, (2016),

López-Rodríguez, I., Hernandez-Tejera, M., **López, A.L.** "Methods for the management of distributed electricity networks using software agents and market mechanisms: A survey", *Electric Power Systems Research*, vol. 136, pp. 362-369, (2016),

Maynou, L., Saez, M., Kyriacou, A., **Bacaria, J.**, "The impact of Structural and Cohesion funds on eurozone convergence (1990-2010)" *Regional Studies*, vol. 50 (7), pp. 1127-1139, (2016),

Poggi, A. and **Nicolini, R.** "Labor market reform and rent sharing: a quasi-experiment experience", *Applied Economics, Perspective and Policy*, vol. 38(4), pp. 618-631, (2016),

**Ramos, X.** and D. Van de gaer "Approaches to Inequality of Opportunity: Principles, Measures, and Evidence" *Journal of Economic Surveys*, vol. 30(5), pp. 855-883, (2016),

Rentería, E., Scandurra, R., **Souto, G.** and Patxot, C. "Intergenerational money and time transfers by gender in Spain: Who are the actual dependants?", *Demographic Research*, vol. 34. pp. 689-704, (2016),

Rentería, E., **Souto, G.**, Mejía-Guevara, I. and Patxot, C. "The impact of education on the demographic dividend", *Population and Development Review*, vol. 42(4), pp. 651-671, (2016),

**Trillas, F.** and Xifré, R. "Institutional reforms to integrate regulation and competition policy: Economic analysis, international perspectives, and the case of the CNMC in Spain", *Utilities Policy*, vol. 40, pp. 75-87, (2016),

## 2015

Albalade, D. and **Perdiguero, J.** "Entry regulation asymmetries and gasoline competition in a mixed motorway network", *Journal of Transport Economics and Policy*, vol. 49(4), pp. 603-625, (2015),

Alejo, J., Galvao, A, **Montes-Rojas, G.** and Sosa-Escudero, W. "Tests for normality in linear panel data models", *STATA Journal*, vol. 15 (3), pp. 822-832, (2015),

**Andrés, L.** and **Padilla, E.** "Energy intensity in road freight transport of heavy goods vehicles in Spain", *Energy Policy*, vol. 85, pp. 309-321, (2015),

Cairó-i-Céspedes, G. and **Castells-Quintana, D.** "Dimensions of the current systemic crisis", *Progress in Development Studies*, vol. 16(1), pp: 1-23, (2016),

Campos, J., Jiménez, J.L., **Perdiguero, J.** "Public concern about prices in air transport markets: A case study in the Canary Islands", *Transport Policy*, vol. 42, pp. 180-186, (2015),

Cardador, L, **Rosell, J.**, **Viladomiu, L.** et al. "Tools for exploring habitat stability for steppe birds under land use change scenarios" *Agriculture, Ecosystems and Environment*, vol. 200, pp. 119-125, (2015),

**Castells-Quintana, D.** and Royuela, V. "Are increasing urbanisation and inequalities symptoms of growth?", *Applied Spatial Analysis and Policy*, vol. 8(3), pp. 291-308, (2015),

## Research activity:

### *Publications in journals (2014 - 2017)*

**Etxetarreta, M., Rosell, J. and Vilodomi, L.** "An outline of Spanish Agriculture in the 21<sup>st</sup> century", in Bonanno et al. (Ed) "Handbook of International Political Economy of Agriculture and Food", Edward Elgar, (2015)

Galvao, A. and **Montes-Rojas, G.V.** "On the equivalence of instrumental variables estimators for linear models" *Economic Letters*, vol. 134, pp. 13-15, (2015),

**Garcia-López, M.A.**, Solé-Ollé, A. and Viladecans-Marsal, E. "Does zoning follow highways?" *Regional Science and Urban Economics*, vol.53, pp. 148-155, (2015),

**Garcia-López, M.A.**, Viladecans-Marsal, E. and Holl, A. "Suburbanization and highways in Spain when the Romans and the Bourbons still shape its cities" *Journal of Urban Economics*, vol.85, pp. 52-67, (2015),

**Gómez Tello, A.** "Which commercial partners are important for the most recently admitted EU countries ?", *Economics of Transition*, Vol. 23(1), pp. 247-292, (2015),

González, R. and **Sala, H.** "The Frisch elasticity in the Mercosur countries. A pseudo-panel approach", *Development Policy Review*, vol. 33(1), pp. 107-131, (2015),

**González-Alegre, J.** "Does fiscal decentralization affect the effectiveness of intergovernmental grants? European regional policy and Spanish autonomous regions" *Papers in Regional Science*, vol. 94(4), pp. 817-849

Judzik, D. and **Sala, H.** (2015): "The determinants of capital intensity in Japan and the U.S.", *Journal of the Japanese and International Economies*, vol. 35, pp. 78-98, (2015),

**Matas Prat, A.** Raymond, J.L. and **Roig, J.L.** "Wages and accessibility: The impact of transport infrastructure", *Regional Studies*, vol. 49(7), pp. 1236-1254, (2015),

**Matas Prat, A.** Raymond, J.L. and **Roig, J.L.** "How market access shapes human capital accumulation in a peripheral country: the case of Spain", *Applied Economics*, vol. 47(11), pp.1118-1132, (2015),

Maynou, L., Saez, M., **Bacaria, J.**, Lopez-Casasnovas, G., "Health Inequalities in the European Union: an empirical analysis of the dynamics of regional differences" *The European Journal of Health Economics*, vol. 16 (5), pp. 543-559, (2015),

**Muñiz, I., Sánchez, V.** "Estructura espacial y densidad de población en la Zona Metropolitana de Valle de México 1995-2010. Evolución de un sistema urbano policéntrico" *EURE*, vol. 41(122), pp. 75-102, (2015),

Patxot, C., Rentería, E. and **Souto, G.** "Can we keep the pre-crisis living standards? An Analysis Based on NTA profiles in Spain", *The Journal of Economics of Ageing*, vol. 5, pp. 54-62, (2015),

Piaggio, M., **Alcántara, V., Padilla, E.** "The materiality of the immaterial. Services sectors and CO<sub>2</sub> emissions in Uruguay", *Ecological Economics*, vol 110, pp. 1-10, (2015),

Suanes, M. and **Roca-Sagalés, O.** "Inversion extranjera directa, crecimiento económico y desigualdad en América Latina", *El Trimestre Económico* vol. LXXXII (3), núm. 327, pp. 589-620, (2015),

**Trullén, J.** "Inclusive Growth and Urban Strategies: the case of Barcelona" in Kresl P. (Ed) *Cities and Partnerships for Sustainable Urban Development*, pp. 111-118, Ed. Edward Elgar, (2015),

## Research activity:

### *Publications in journals (2014 - 2017)*

#### 2014

- Asensio, J.**, A. Gómez-Lobo and **A. Matas**, "How effective are policies to reduce gasoline consumption? Evaluating a set of measures in Spain", *Energy Economics*, vol. 42, pp. 34-42, (2014),
- Bonin, H., Patxot, C. and **Souto, G.** "Cyclically Neutral Generational Accounting", *Fiscal Studies*, vol.35(2) pp. 117-137, (2014),
- Busom, I.**, Beatriz Corchuelo and Ester Martínez-Ros: "Tax Incentives .... or subsidies for business R&D?", *Small Business Economics*, Vol. 43 (3), pp. 571-596, (2014),
- Cairó-i-Céspedes, G. and **Colom-Jaén, A.** "A political economy approach of India in Africa. A 'win-win' partnership in Senegal?", *Canadian Journal of Development Studies*, Vol.35(3), pp.376-395, (2014),
- Callado, F., **Hromcova, J** and Utrero, N. "Openness and Technology Diffusion in Payment Systems: The Case of NAFTA", *Computational Economics*, vol 43, pp. 497-519, (2014),
- Callado, F., **Hromcova, J** and Utrero, N. "Effects of Direct Pricing of Retail Payment Methods in Norway", *Economic Modelling*, vol 37, pp. 428-438, (2014),
- Cervini, M., **Ramos Morilla, X.**, and Silva J. I. "Wage Effects of Non-wage Labour Costs", *European Economic Review*, Vol. 72, pp. 113-137, (2014),
- Fageda, X., and **Perdigueró, J.** "An empirical analysis of a merger between a network and low-cost airlines", *Journal of Transport Economics and Policy*, vol 48(1), pp. 81-96, (2014),
- Ferrer-i-Carbonell, A. and **Ramos Morilla, X.** "Inequality and Happiness", *Journal of Economic Surveys*, vol. 28(5), pp. 1016-1027, (2014),
- González, I. and **Sala, H.** "Investment Crowding-Out and Labor Market Effects of Financialization in the US", *Scottish Journal of Political Economy*, vol. 61 (5), pp. 589-613, (2014),
- Karakosta, O., Kotsogiannis, C. and **Lopez-Garcia, M.A.** "Indirect tax harmonization and global public goods", *International Tax and Public Finance*, vol. 21, pp. 29-49, (2014),
- Karanassou, M. and **Sala, H** "The Role of the Wage-Productivity Gap in Economic Activity", *International Review of Applied Economics*, vol. 28 (4), pp. 436-459, (2014),
- Kyriacou, A.P. and **Roca Sagalés, O.** "Regional Disparities and Government Quality: Redistributive Conflict Crowds-Out Good Government", *Spatial Economic Analysis*, vol. 19(2), pp. 183 -201, (2014),
- López, À. L.** and Hurkens, S. "Mobile Termination, Network Externalities, and Consumer Expectations", *The Economic Journal*, vol. 124(579), pp. 1005-1039, (2014),
- Montolio, D., **Trillas F.** and Trujillo-Baute, E. "Regulatory environment and firms performance in EU telecommunications services" *Review of Network Economics*, Volume 13 (3), pp. 271-302, (2014),
- Moreno, S., Godino, Al. and **Recio, A.** "Servicios externalizados y condiciones laborales. De la competencia de precios a la presión sobre los tiempos de trabajo" *Sociología del trabajo*, vol. 81(2), pp. 50-67, (2014),



## Research activity:

### *Publications in journals (2014 - 2017)*

Piaggio, M., **Alcántara, V.**, **Padilla, E.** "Greenhouse gas emissions and economic structure in Uruguay", *Economic Systems Research*, 26 (2), pp. 155–176, (2014),

**Sala, H.** and **Trivín, P.** "Labour market dynamics in Spanish regions: evaluating asymmetries in troublesome times", *SERIEs*, vol. 5 (2-3), pp. 197-221, (2014),

**Sala, H.** and **Trivín, P.** "Openness, investment and growth in Sub Saharan Africa", *Journal of African Economies*, vol. 23 (2), pp. 257-289, (2014).

## Research activity:

### DEPARTMENTAL SEMINAR series

(edition 2016 (fall) -2017)

	Speaker	Affiliation	Title
13.10.2016	Catia BATISTA	Universitat Nova Lisboa	"Introducing Mobile Money in Mozambique: Evidence from a Field Experiment" (with P. Vicente)
20.10.2016 (joint with XREPP)	José I. SILVA BECERRA	Universitat de Girona	"Local Labor Market Effects of Public Employment" (with J. Jofre, J. Vázquez)
27.10.2016	Mariam CAMARERO	Universitat Jaume I	"External Imbalances and Growth" (with J. Peiró, C. Tamarit)
17.11.2016	Etienne WASMER	PSE	"A Brief History of Human Time: People and Growth in the Long Run" (with O. Gergaud, M. Laouenan)
22.11.2016	Ignacio ORTUÑO	UC3M	TBA
29.11.2016 (joint with XREAP)	Eren INCI	Sabancı University	"Unbundling Curbside Parking Costs from Housing Prices and Rents" (with O. Bakis and R. O. Senturk)
01.12.2016	Tomas PEETERS	Antwerpen University	"Entry, Career Dynamics and Worker Quality in the Labour Market for Talent" (with Stefan Szymanski and Marko Tervio)
16/02/2017	Maitreesh GATHAK	LSE	"Motivating Knowledge Agents: Can Incentive Pay overcome Social Distance?" (with E. Berg, R. Manjula, D. Rajasekhar, Sanchari Roy).
28/02/2017	Harald FADIGER	U. Mannheim	"All together now !! Integration, Delegation and Management" (with L. Alfaro, N. Bloom, P. Conconi, H. Fadinger, P. Legros, A. Newman, R. Sadun, J. van Reenen)
16/03/2017	Gerard LLOBET	CEMFI	"The Inverse Cournot Effect in Royalty Negotiations with Complementary Patents" (with J. Padilla)
23/03/2017	Adriaan SOETEVENT	RUG	"Tailored Feedback and Worker Green Behavior: Field Evidence from Bus Drivers" (with G. Romensen)
20/04/2017	Frédéric-Robert NICAUD	Université de Lausanne	"The optimal distribution of population across cities" (with D. Albouy, K. Bahrens, N. Seegert)
18/05/2017	Marc IVALDI	TSE	"Airport-Prices in a two Sided Markets" (with S. Sokullu and T. Toru)
25/05/2017	Elena MANRESA	MIT- Sloan	"Discretizing Unobserved Heterogeneity" (with S. Bonhomme and Th. Lamadon)
01/06/2017	Juan Carlos DUQUE	Universidad de Medellín	"Exploring the potential of machine learning for classification on VHR imagery for automatic slum identification" (with J. Patino and A. Betancourt)
21/09/2017 (joint with XREPP)	Alicia RAMBALDI	University of Queensland	"Testing for Myopia and Amnesia in Property Prices. The Case of Infrequent Floods" (with K. Ganegodage, C. Fletcher, R. Mc Allister)
05/10/2017	Iliana REGGIO	UC3M	"Moral Hazard versus Liquidity and the Optimal Timing of Unemployment Benefits" (with R. Campos and J.I. García-Pérez)
26/10/2017	Rosa FERRER	UPF	"Consumers' Costly Responses to Product-Harm Crises" (with H. Perrone)
02/11/2017 (joint with XREPP)	Pedro TRIVÍN GARCÍA	Universitat de Girona	"The Global Rise of Asset Prices and the Decline of the Labor Share" (with. I Gonzalez)
14/11/2017 (joint with XREPP)	Stefano GAGLIARUCCI	U. Tor Vergata and EIEF	"Hurricanes, Climate Change and Electoral Accountability" (with D. Paserman and E. Patacchini)
16/11/2017	Gianmarco LEÓN	UPF	TBA
23/11/2017	David NAGY	CREI and UPF	TBA
05/12/2017 (joint with XREPP)	Quoc-An DO	Science-Po (Paris)	"How Social Networks Shape Our Beliefs: A Natural Experiment among Future French Politicians"

### Selected invited speakers (events 2015/2017):

Diego Puga (CEMFI): Plenary Lecture III Doctoral Workshop (2015)

John van Reenen (LSE): Opening Lecturer MAREB (2015)

Gianmarco I.P. Ottaviano (LSE): Plenary Lecture IV Doctoral Workshop (2016)

Peter Buckley (University of Leeds): Opening Lecturer MAREB (2016)

Gabriel Pérez-Quiros (Banco de España): Plenary Lecture V Doctoral Workshop (2017)

Antonio Estache (ECARES; ULB): Opening Lecturer MAREB (2017)

## Research activity:

### APPLIED LUNCH SEMINAR series

(edition 2016 (fall)-2016)

	Speaker	Affiliation	Title
06.10.2016	David E. CASTELLS QUINTANA	UAB	"Beyond Kuznets: Average Urban Agglomeration Size and Income Inequality"
03.11.2016	Barbara MASI	Queen Mary University London (visiting UAB)	"On the Way Down: the Unintended Consequences of School Transport Subsidies"
09/03/2017	Elena GOLOVKO	Tilburg University (visiting UAB)	"More Than an Export Decision - How Export Induced Investments in R&D and Marketing Pay off" (with C. Lopes-Bento and W. Sofka)
30/03/2017	Marta GONZALEZ AREGALL	UB (Visiting UAB)	"Persistent and transient efficiency on container port terminals in Europe" (with J. Rosell)
06/04/2017	Ana LARREA	UAB	"The long term health effects of the financial crisis, the case of Ecuador"
29/05/2017	Jordi PERDIGUERO	UAB	"The Effects of Revealed Corruption on Local Finances" (with J. Artés and J.L Jiménez)
28/09/2017	Patricia SANZ CORDOBA	URV	"Strategic Responses to International Tax Competition: Fiscal (De)Centralization versus Partial Tax Harmonization" (with B. Theilen)
30/11/2017	Soran MOTHADI	UAB	TBA
12/12/2017	Ernesto RODRÍGUEZ CARÁMBULA	UAB	TBA

## Research activity:

### SUMMER Courses

<http://pagines.uab.cat/applieconomics/content/courses-2017>

2017	Big Data Instructor: Ariada Muço (Stockholm University)
2016	Experimental Economics Instructor: Jordi Brandts (IAE, CSIC)
2015	Macroeconometrics Instructor: Luca Gambetti (UAB & BGSE)
	Introduction to data analysis in R Instructor: Nicholas T. Longford (UPF)
	Time series econometrics Instructor: Luís Alberico Gil-Alaña (Universidad de Navarra)
2014	Tools in Policy Evaluation Instructor: Raquel Carrasco (Universidad Carlos III de Madrid)
	Topics in Spatial Econometrics Instructor: Coro Chasco (Universidad Autónoma de Madrid)
	Topics in Advanced Econometrics Instructor: Gabriel Montes Rojas (City University London)

## Human resources:

### Recent recruiting:

Sergi Basco (UC3M; PhD: MIT)  
 David Castells-Quintana (PhD: Universitat de Barcelona)  
 Ana Isabel Moreno Monroy (URV; PhD: University of Groningen)  
 Gabriel Facchini (PhD: EUI)  
 Gabriel Montes Rojas (City University London; PhD University of Illinois)

### Recent placements PhD students from our programme:

Paola Azar Dufrechou (IECON, Udelar)  
 Camillo J. Pecha Garzón (Inter-American Development Bank)  
 Erkol Narod (Istanbul Bilgi University)  
 Kizkitza Biguri (BI Norwegian Business School)  
 Daniel Sánchez Serra (OECD, Paris)  
 Pedro Trivín-García (Universitat de Girona)  
 Alicia Gómez Tello (Universitat de València; EDEM)  
 Sayuri Koike Quintanar (Federal Telecommunications Institute)  
 Jorge A. Domínguez Moreno (Universidad Sergio Arboleda, Bogotá)  
 Matías J. Piaggio Talice (Environment for Development, Costa Rica)  
 Ana Tur Prats (CRES, Universitat Pompeu Fabra)

### A few recent visitors hosted in our department:

Luca Deidda (Università di Sassari, CRENoS, SOAS-University of London)  
 Leonel Muínelo (Universidad de la República, Uruguay)  
 Elena Golovko (Tilburg University)  
 Marco Ferdinando Martorana (Università di Catania)  
 Lars Osberg (Dalhousie University, Halifax, Canada)

### Recent research visits abroad by our members:

David Castells-Quintana (Université de Paris-Saclay; OECD)  
 Rosella Nicolini (UNSW, Sydney)  
 Guadalupe Souto (CARE, Universidad de Salford, Manchester, UK).

### Recent Awards and Grants:

Joan Cals Güel: *Premi Joan Sardà Dexeus 2014*  
 Gabriel Montes-Rojas: *Ayudas Ramón y Cajal 2015*  
 Xavier Ramos Morilla: *Premio Luis Fina (2015)* (joint with M. Cervini and J. Silva)  
 Oriol Roca: *Martin Beckmann prize (2015)* (joint with A.P. Kyriacou and L. Muínelo-Gallo)  
 Arcadi Oliveras: *Premi Àlex Seglers (2016)*; *Premi ICIPI Constructors de Pau (2017)*  
 Sergi Basco: *Ayuda a la investigación Ramón Areces (2017)*  
 Miquel-Àngel Garcia-López; Rosella Nicolini; José Luis Roig Sabaté : *Premi Fundació Catalunya Europa. Llegat P. Maragall (2017)*

## Financing research:

### A) Research funds granted on competitive basis

sponsored by *Ministerio de Economía y Competitividad*:

- **Infraestructuras: Eficiencia económica y regulación** (2015-2018)  
Project head: Anna Matas Prat
- **Equity, Poverty and Attitudes** (2017-2019)  
Project head: Xavier Ramos Morilla
- **Calidad institucional, descentralización y políticas públicas** (2017-2019)  
Project heads: Oriol Roca and Hector Sala Lorda
- **Las políticas públicas ante los cambios sociales: Imposición, gasto social e innovación** (2016-2018)  
Project head: Miguel-Ángel López García
- **Economy and climate change: determinants, inequalities and mitigation** (2016–2018)  
Project head: Emilio Padilla Rosa

### B) Research groups

supported by *Generalitat de Catalunya (SGR)* (2014–2017):

- Grup de Recerca en Economia i Polítiques públiques (GEPP)
- Grup de Recerca en Anàlisi Econòmica Aplicada (GEAP)
- Grup de Recerca en Equity and Development Research (EDReG)

### C) Other research sponsors:

- **Foodsaving: social innovation applied to food surfeits recovery** (2015)  
Local Researchers: J. Rosell and L. Vilodomiu  
Project financed by Fondazione Cariplo
- **Ageing in Europe: an Application of National Transfer Account (NTA) for explaining and projecting trends in public finance (AGENTA)** (2014-2017)  
Local Researcher: G.Souto  
Project financed by EU Seventh Framework
- **Income segregation and urban spatial structure: Evidence from Brazil** (2016; 2017)  
Local Researchers: M.À. García and A.I. Moreno  
Project financed by Corporación Andina de Fomento

Other research sponsors:

- **Divided we live. Understanding intra-urban inequality in OECD countries (2017)**  
 Local Researcher: M.À. García  
 Project financed by OECD, Paris
- **La xarxa d'autobus de Barcelona: servei de proximitat i instrument de cohesió (2017)**  
 Local Researchers: M.À. García, R.Nicolini, J.L. Roig  
 Project financed by Ajuntament de Barcelona
- **La eficiencia de la inversión en infraestructuras y el rol de las instituciones: Un análisis empírico (2017)**  
 Local Researcher: O. Roca-Sagalés  
 Project financed by: Instituto de Estudios Fiscales, Ministerio de Economía y Hacienda.
- **Welfare, Wellbeing and Demographic Change: Understanding Welfare Models (WELTRANSIM) (2017)**  
 Local Researcher: G.Souto  
 Project financed by APCIN; Retos de la Sociedad More Years, Better Lifes
- **Estat actual del sistema de pensions a Catalunya: Una anàlisi en comparació amb Espanya i altres països europeus (2017)**  
 Local Researcher: G.Souto  
 Project financed by Conselleria de Treball, Afers Socials i Família de la Generalitat de Catalunya

## Conferences and workshops:

May 2015

### **V Workshop on Transport Economics: Competition in network infrastructures**

Web: [http://www.ieb.ub.edu/files/Program\(1\).pdf](http://www.ieb.ub.edu/files/Program(1).pdf)

Local organizers: Javier Asensio, Anna Matas

June 2015

### **III Doctoral Workshop**

Annual meeting of the PhD program in Applied Economics (UAB)

Web: <http://pagines.uab.cat/applieconomics/content/doctoral-workshop-2015>

Local organizer: Emilio Padilla

July 2015

### **XI Jornadas de Economía Laboral**

Biyearly meeting of the AEET (Asociación Española de Economía Laboral)

Web: <http://www.aeet.eu/es/jel>

Local organizer: Hector Sala

September 2015

### **VI Spanish Conference on Input-Output**

Biyearly meeting of the Hispanic-American Input-Output Analysis Society

Web: <http://www.aeet.eu/es/jel>

Members of the local organizing committee: Emilio Padilla, Vicent Alcántara, Lidia Andrés, Francisco Navarro.

November 2015

### **Special session at NARSC (Portland, OR):**

#### **Regional and Urban issues in Latin America: Informality and Development**

Web: <http://www.narsc.org/newsite/conference/conference-program/>

Members of the local organizing committee: M.A García López; I. Muñiz; R. Nicolini; J.L. Roig Sabaté

January 2016

### **IV EQUALITAS Workshop**

Annual meeting of the PhD program in Applied Economics (UAB)

Web: <http://www.equalitas.es/en/workshops>

Local organizer: Xavier Ramos

January 2016

### **II Meeting on Transport Economics and Infrastructure**

Web: <http://www.ieb.ub.edu/es/vmchk/infraestructuras-y-transporte/2nd-meeting-on-transport-economics-and-infrastructure#.WByZOIWchIU>

Local organizers: Javier Asensio, Anna Matas

June 2016

### **IV Doctoral Workshop**

Annual meeting of the PhD program in Applied Economics (UAB)

Web: <http://pagines.uab.cat/applieconomics/>

Local organizer: Emilio Padilla

February 2016

### **VI Workshop on Transport Economics**

Web: <http://www.fedea.net/agenda-vi-workshop-de-economia-del-transporte/#>

Local organizers: Javier Asensio, Anna Matas

June 2016

**II Taller de Política Económica. Hacia una política económica europea**

Local organizer: Ferran Brunet

December 2016

**V Equalitas Workshop on Poverty, Inequality and Opportunity**

Web: <http://www.equalitas.es/en/workshops>

Local organizer: Xavier Ramos

February 2017

**VII Workshop on Transport Economics (IEB & FEDEA)**

Web: <http://www.ieb.ub.edu/en/vmchk/events-by-category/vii-workshop-on-transport-economics>

Local organizers: Javier Asensio, Anna Matas

May 2017

**1<sup>st</sup> CESC**

First meeting of the Catalan Economic Society (Institut d'Estudis Catalans)

Web: <http://cesc.espais.iec.cat/en/>

Member of the local organizing committee: Xavier Ramos

June 2017

**Annual conference and School on Transportation Economics (ITEA)**

Web: <http://www.itea2017bcn.org/>

Organizers: Javier Asensio, Anna Matas

June 2017

**V Doctoral Workshop**

Annual meeting of the PhD program in Applied Economics (UAB)

Web: [http://pagines.uab.cat/applieconomics/Workshop\\_2017](http://pagines.uab.cat/applieconomics/Workshop_2017)

Local organizer: Emilio Padilla

June 2017:

**First Urban and Regional Economics Workshop** (Universidad Javeriana, Bogotá)

Web: [http://cea.javeriana.edu.co/urban\\_workshop](http://cea.javeriana.edu.co/urban_workshop)

Member of the local organizing committee: David Castells-Quintana

October 2017

**Workshop on Big DATA in Applied Economics**

Web: <http://xreap.cat/ca/big-data-in-applied-economics-october-20th-2017/>

Local organizer: Grup de Recerca GEAP; XREAP

## Upcoming Conferences and workshops

June 2018

**VI Doctoral Workshop**

Annual meeting of the PhD program in Applied Economics (UAB)

Web:

Local organizer: Emilio Padilla



## Recent PhD Thesis

	Author	Director	Title
2017	Pecha Garzón, Camilo José	Beuerman, Diether W.	Essays on Development Economics
	Azar Dufrechou, Paola	Roca, Oriol and Herraiz, Alfonso (UB)	Public education spending: Efficiency, productivity and Politics
	Rivero Fernández, Antonio	Raymond, Josep Lluís	Envelliment i productivitat científica individual: Evidencia empírica pel professorat d'Economia i Empresa a Catalunya
	Rivero Leiva, David	Rodríguez Mendizabal, Hugo	Three Essays on Financial Intermediation
	Durán Pavón, Ivan Mauricio	Trillas Jané, Francesc	Three Empirical Essays on Political Economy
	Buenaño Hermosa, Edwin	Padilla Rosa, Emilio	Actividad económica y emisiones de CO2: Ensayos empíricos para el Ecuador
	Calderón Cuevas, Eduardo	Raymond Bara, Josep Lluís	Tres ensayos sobre la educación y el mercado laboral de los jóvenes en México
2016	Gómez Urrego, Dolores Eulalia	Trillas Jané, Francesc Burguet Verde, Roberto	Three Essays on Efficiency, Access to Safe Drinking and Policy Pollution Control of Water Resources in Colombia
	Erkol, Narod	Schmidbauer, Harald Trillas Jané, Francesc	New Developments in the Measurement of Market Connectedness
	Brosed, Marta	Espitia Escuer, Manuel Trillas Jané, Francesc	Beyond the Game: Three Essays on How Economics Links to the Industry of Basketball
	Patiño Pascumal, Lourdes Isabel	Alcántara Escolano, Vicent	Production Structure, Energy Efficiency and CO <sup>2</sup> Emissions in Colombia
	Reyes Martínez, Orlando	Matas Prat, Anna	Gasoline Demand and its impact on the Environment in Spain
	Sánchez Trunillo, Vania	Muñiz Olivera, Ivan	Three Essays on Urban Spatial Structure in the Metropolitan Area of Mexican Valley
	Domínguez Moreno, Jorge Andrés	Raymond Bara, Josep Lluís	Three Empirical Essays on Urban Economics
	Salas Beretche, Gonzalo Rafael	Ramos Morilla, Xavi	Essays on Equality of Opportunity and Public Policy
	Biguri Pastor, Kizkitza	Rodríguez Mendizabal, Hugo Ippolito, Filippo	Essays in Corporate Finance
	Trivin Garcia, Pedro	Sala Lorda, Hector	Three Essays on the Labour Market Macroeconomics
	Franco Vásquez, Liliana Yaned	Raymond Bara, Josep Lluís	Tres Ensayos sobre las Desigualdades Regionales en Colombia
	Dopeso Fernández, Roberto	Roig Sabaté, José Luis	Ensayos sobre la Influencia Económica de los Emprendedores en España
	López Moguel, María del Rosario	Recio Andreu, Albert Chavarín Rodríguez, Rubén Antonio	Desigualdad de los Jóvenes en el Mercado de Trabajo en México
	De la Garza Malo, Mónica María Goreti	Recio Andreu, Albert	La Escolaridad en la Determinación de los Ingresos en México en la Década de 1990
	Sánchez Serra, Daniel	Boix Domènech, Rafael	Determinants of the Concentration of Creative Industries in Europe: a comparison between Spain, Italy, France, United Kingdom and Portugal
	Gómez Tello, Alicia	Nicolini, Rosella	The European Integration Process: Trade, Mobility, and Policy
2015	Conte Alessandra	Estaban, Joan Maria; Gutierrez Roxana	Essays on Social Conflict
	Gallego Duque, Liliانا M.	Recio, Albert, Carrasco Cristina	Bienestar y género bajo el enfoque de las capacidades. Aplicaciones al caso de Medellín
	Ruiz Marín, Adriana K.	Matas Prat Anna, Raymond Josep Lluís	Tres ensayos sobre economía del transporte
	Leites Lamela, Martín	Ramos, Xavier	Essays on the role of social status and preferences and beliefs on intergenerational mobility
	Koike Quintanar, Sayuri A.	Roig Sabaté, José Luis	Urban structure, labor market, job informality and gender in Mexico City
	Suanes, Macarena	Roca Segalés, Oriol	Inversión extranjera directa y desigualdad en América Latina
	Oviedo, Mónica	Ramos, Xavier	Three essays on inequality, opportunity and redistribution