

## **Anna Matas Prat (CV 2012-2021)**

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### **Current Positions**

*Department Applied Economics, Universitat Autònoma de Barcelona*  
Professor, (January 2009-present)

*Institut d'Economia de Barcelona (IEB)*  
Director of the Research Program Infrastructure and Transport (2012-present)

### **Participation in R&D projects funded in competitive calls**

La sostenibilitat financera i ambiental del sistema de mobilitat a les grans àrees urbanes de Catalunya després de la COVID19, Secretaria d'Universitats i Recerca, Generalitat de Catalunya (2020 PANDE 00058), Main Researcher: Daniel Albalade (Universitat de Barcelona).

Ayudas BBVA, Aprendizaje Automático (Machine Learning) para promover la competencia en la contratación pública (ML-PCCP); Main Researcher: Juan José Ganuza Fernández (Universitat Pompeu Fabra)

Ministerio de Ciencia, Innovación y Universidades (RTI2018-097434-B100)  
Regulation and markets: behaviour, innovation and environmental externalities.  
Main researcher: Anna Matas

2017-2020: Grup de Recerca Economia Aplicada (2017SGR-1301), Generalitat de Catalunya. Main Researcher: Anna Matas.

Ministerio de Economía y Competitividad 2015-2017 (ECO2014-52999)  
Infraestructuras: Eficiencia económica y regulación. Main researcher: Anna Matas.

2014-2016 SGR2014-1326 Grup de recerca de Catalunya d'Economia Aplicada. AGAUR. Generalitat de Catalunya. Main researcher: Anna Matas.

## **Participation in R&D non-competitive projects, contracts or agreements with administrations or public or private bodies**

Evaluation of the transport infrastructure in Spain and development of a methodology to assess the cost and benefits of transport infrastructure investment; AIREF-IVIE, 2019

Análisis económico de los procesos de licitación del transporte interurbano por carretera; Ministerio de Fomento; Start date: January 2019, 5 months

Estudio sobre los contratos-programa de las concesiones de transporte de viajeros en Catalunya; Audica; Start date: October 2016, 5 months.

Análisis de La competencia en el transporte interurbano en autobús en España, Funding Institution: Fedea; Start date: January 2015, 9 months

Demanda y predicción del tráfico en las autopistas de peaje; Funding institution: Abertis; Start date: June 2014, 6 months

## **Publications in English**

Asensio, J., A. Matas (2021) Employment effects of transport infrastructure, In R. Vickerman, (Ed.), International Encyclopaedia of Transportation (2021). 1st Edition, Elsevier.

Matas, A., J.L. Raymond and J.L. Roig (2020), Evaluating the impacts of HSR stations on the creation of firms”, *Transport Policy*, vol. 99, pp. 396-404.

Matas, A., J.L. Raymond and A. Ruíz (2020), Economic and distributional effects of different fare schemes: evidence from the metropolitan region of Barcelona, *Transportation Research, Part-A*, vol. 138, pp. 1-14

Matas, A., J.L. Raymond and A. Ruíz (2018), Regional Infrastructure investment and efficiency, *Regional Studies*, 52, 1684-1694.

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

Di Paolo, A., A. Matas and J.L Raymond (2017), Job accessibility and job education mismatch in the metropolitan area of Barcelona, *Papers in Regional Science*, vol.96, pp: S91-S112.

Matas, A, J.L Raymond, and J.L.Roig. (2015), Wages and accessibility: The impact of transport infrastructure, *Regional Studies.*, 49, 7, pp1236-1254.

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

pp. 1118-1132.

Asensio, J., A. Gómez-Lobo and A. Matas, (2014), How effective are policies to reduce gasoline consumption? Evaluating a set of measures in Spain, *Energy Economics*, 42, pp. 34-42

Matas, A, J.L Raymond, and A.Ruiz (2012), Traffic forecast under uncertainty and capacity constraints, *Transportation*, 39, 1, pp 1-17.

### **Publications in Spanish and Catalan**

Matas, A., J.L. Raymond and J.L. Roig (2020), Alta velocitat ferroviària i activitat econòmica: hi ha alguna relació?, *Memòria Econòmica de Catalunya, Consell General de Cambres de Catalunya*.

Matas, A. and J.L. Raymond (2018), Infraestructures de transport i creixement econòmic, *Nota d'Economia*, 104, 212-224.

Matas, A. (2018) (editor), *The financing of infrastructure*, IEB Report 1/2018.

Asensio, J. y A. Matas (2017), *La financiación del transporte urbano en España: alternativas para reducir el déficit*, *Papeles de Economía Española*, 153, 81-95.

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

Matas, A. i J.L. Raymond (2016), “El capital en infraestructuras. Las infraestructuras de transporte”, en Costa-Campi, Garrido, Parellada i Sanromà (eds), *Economía Europea. Crecimiento, competitividad y Mercados*, Alianza editorial.

Matas, A., J.L. Raymond, I J.L. Roig (2014), *La inversión en infraestructuras a España i els objectius d'eficiència i equitat*, *Revista Econòmica de Catalunya*, 70, 60-70.

### **PhD Supervision**

“La demanda de gasolina y sus impactos en el medioambiente en España”, Orlando Reyes, UAB, 2016, Cum Laude

“Tres ensayos sobre economía del transporte”, Adriana Ruíz, UAB, 2015, Cum laude

“La influencia de la forma urbana en la movilidad: un análisis empírico para las áreas urbanas de Madrid y Barcelona”, de la Fuente Oliva, Samuel, UAB, 2012, Cum laude.

### **PhD under Supervision**

Economía del transporte ferroviario: estructura tarifaria, disponibilidad al pago e impacto económico, Daniel Ruíz Palomo, Doctorado Industrial UAB-Renfe (co-director: Javier Asensio).

Three Essays in urban economics, Diego Buitrago, UAB (co-director Miquel Àngel Garcia)

### **Organization of academic activites**

III Meeting on Transport Economics and Infrastructure; IEB; 18/01/2019

VIII Workshop on Transport Economics and Infrastructure; IEB-FEDEA, 24/5/2018

International Transportation Economic Association (ITEA), Annual Conference and School on Transportation Economics, 19-23 June, 2017, Barcelona.

VII Workshop on Transport Economics and Infrastructure; IEB-FEDEA, 24/2/2017

VI Workshop on Transport Economics and Infrastructure; FEDEA-IEB, 25/2/2016

II Meeting on Transport Economics and Infrastructure; IEB; 21/01/2016

V Workshop on Transport Economics: Competition in network infrastructures, IEB-FEDEA, 25/5/2015

I Meeting on Transport Economics and Infrastructure; IEB; 14/02/2014

IV Workshop on Transport Economics: Tendering Transport Services; FEDEA-IEB; 19/5/2014.

III Workshop on Transport Economics: Economic analysis of transport and the environment; IEB-FEDEA; 27/5/2013.

Conference on Airport Competition; IEB-FEDEA; 19/11/2012

II Workshop on Transport Economics: Competition and Regulation in Railways; FEDEA-IEB; 12/3/2012

Simposio Crecimiento Económico e Infraestructuras; XREAP; 26/10/2010

Simposio Regulación ferroviaria en entornos metropolitanos; XREAP; 13/11/2009

### **Other**

Head of the Department of Applied Economics December 2014-December 2019, Autoritat Catalana de la Competència, Generalitat de Catalunya (Regional Competition Commission); Member of the Council (2009-2016)