

Pelayo González Arbués

Date of birth: 1983/11/25

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Experience

Data analyst – e-Knowledge in Intermodal Transport IT

[Jul. 2014 – Current position]

Data analyst in International research project [eKnow-IT](#) funded by the European Commission. In this position I am responsible to assess transport sector activities and best practices in logistics. Besides reporting I am also in charge of coordinating case studies writing, elaborate the dissemination plan and the scientific framework.

Economic Consultant. University of Oviedo

[Sep. 2013- Dec. 2013]

While I was preparing the defense of my doctoral thesis I worked as a consultant in a project for the Spanish Public Service of Employment where accessibility to Employment Offices was evaluated.

Economic Consultant – Researcher. University of Oviedo

[Oct. 2008 – Sep. 2013]

In this period I worked on my doctoral thesis where I conducted three empirical research exercises applying statistical and econometric techniques. In the first essay a spatial econometrics model is applied to the study of the economic contribution of transport infrastructure to regional productivity. The second essay is devoted to analyze road freight transportation demand applying a gravity equation in a panel data framework. The last essay aims to study the determinants of modal choice in long distance trips in Spain through the estimation of a multilevel multinomial model.

In addition, I have actively participated in different consultancy projects:

- Efficiency analysis of Postal Service distribution offices. Project funded by the Postal Sector National Commission. Econometric models were estimated in order to evaluate the efficiency scores of different offices and to estimate a value of the facilities.
- Demand analysis and forecasting of traffic volumes in the seaport of Gijón. Project funded by the Port Authority of Gijón. Statistical and econometrics models were applied to interaction data to obtain flows predictions.
- Microdata analysis of road freight movements in Spain. [GLOBALOG](#) Project funded by the Spanish Ministry of Public Works.

I have also assisted in the teaching of Microeconomics and Microeconomics applied to Tourist Sector courses in the University of Oviedo.

Economic Consultant – FOED

[Jun. 2008 – Oct. 2008]

Sports Economics Observatory (FOED) is a *think-tank* oriented to the analysis of economic activities related to sports. In summer 2008, I worked in a Project funded by the Town Hall of Gijón that aimed to measure the economic impact of Speed Skating World Championship celebrated in that city.

Research assistant. University of Oviedo

[Sep. 2007 - Jun. 2008]

In this period I had my first contacts to the creation and management of databases for different consultancy and research projects carried out by the Department of Economics.

Education**Ph.D. in Economics**

[Sep. 2010 - Dec. 2013]

Thesis topic: "Essays on Transport Economics". Advisors: Jose F. Baños and Matías Mayor

M.S., Economics

[Sep. 2007 – Sep. 2008]

Universidad del País Vasco, Universidad de Oviedo and Universidad de Cantabria

B.S., Economics

[Sep. 2001 - Sep. 2007]

Universidad de León

Other Education

Data Science specialization – Johns Hopkins University (via Coursera)

Active

Spatial Econometrics with MATLAB

Oct. 2012

Taught by James Lesage in Universidad Autónoma Madrid

International Autumn School in Spatial Econometrics.

Oct. 2011

Coordinated by José María Montero and Jean Paelinck. Universidad de Castilla La Mancha

Summer School: Spatial Econometrics Advanced Institute.

[Apr. 2011 - May. 2011]

Coordinated by Giuseppe Arbia. University of Roma La Sapienza

Econometric Estimation of Frontier Functions and Economic Efficiency

May. 2008

Taught by Professor William Greene in Instituto de Estudios Fiscales

Research dissemination

XVIII Congreso Panamericano Ingeniería Transporte y logística, Universidad de Cantabria Jun. 2014

1st Meeting on Transport Economics, Universidad de Barcelona

Feb. 2014

XXI Encuentro Economía Pública, Girona, España

Ene. 2014

XXXIX Reunión de Estudios Regionales, Oviedo, Spain

Nov. 2013

XV World Economy Meeting, Santander, España

Jun. 2013

NECTAR Cluster Meeting on Accessibility, Coimbra, Portugal

Oct. 2012

XV Encuentro de Economía Aplicada, A Coruña, España

Jun. 2012

9th World Congress of the RSAI, Timisoara, Romania

May. 2012

XXXVII Reunión de Estudios Regionales, Valencia, España

Oct. 2011

12th World Conference on Transport Research, Lisbon, Portugal XXXV

Jul. 2010

Publications

Pelayo Arbués, José F Baños; Matías Mayor (2015) [The Spatial Productivity of Transportation Infrastructure](#), Transportation Research Part A: Policy and Practice, 75, 166-177

Pelayo Arbués, José Baños Pino (2015) [A Dynamic Approach to Road Freight Flows Modeling in Spain](#), Transportation

Pelayo Arbués; José Baños Pino; Matías Mayor Fernández; Patricia Suárez Cano (2014) [Econometric Modelling of Long-Distance Travel](#). Revista de Economía Mundial. 38, pp. 101 - 126.

Pelayo Arbués; Matías Mayor Fernández; José Francisco Baños Pino (2014) [Productivity and accessibility of road transportation infrastructure in Spain](#) in Accessibility and Spatial Interaction. pp. 177 - 194. Edward Elgar Publishing

Rosa Aza, José F. Baños, Pelayo González, Manuel Llorca (2011) La demanda de transporte de mercancías por carretera en España: Un modelo de datos de panel in *Estudios de Construccion y Transportes*, 115(12):31-48

Grants, Awards and visiting experience

Spanish Regional Science Association Young Researcher Award Nov 2013

Doctoral Dissertation Fellowship Severo Ochoa funded by Principado de Asturias 2010 - 2013

Visiting researcher in Vrije Universiteit (Amsterdam, NL) [Apr. 2012 - Jun. 2012]

Visiting researcher in Vrije Universiteit (Amsterdam, NL) [Apr. 2013 - May. 2013]

Skills

Analytical thinking

Advanced knowledge on statistics and econometrics: Panel data, statistical learning, discrete choice modeling, spatial econometrics.

Coding: STATA and R (Expert). MATLAB, PYTHON and SQL (Basic).

Reporting tools: Microsoft Office, LaTeX and Markdown.

Excellent written and verbal communication skills. Professional speaking abilities and experience.

Enjoy working as a team member as well as independently

Interests

Running

Coding: pelayoarbues.github.io

Photography: pelayoarbues.tumblr.com