

Name: Martínez Filgueira, Xosé Manuel

Date of birth: 24/05/1963

Graduate in Mathematics (Specialty in Statistics and Operations research)

Faculty of Mathematical Sciences (USC) 1986

Doctor in Economic Sciences

Faculty of Economics and Business (UDC) 24/04/1998

Director: Carlos María Fernandez-Jardón Fernandez

Thesis title: Methods of analysis of the job offer performance with Autonomic panel data
regression: A non-parametric estimation methodology

Professional activity

University of A Coruña

Start date: 04/09/2001

Teaching Experience

Subjects related to Economic Statistics: more specifically, Statistics I and II, and Statistical Methods and Introduction to Econometrics in the Degree of Economics; Applied Statistical-Econometric Techniques in the Master's Degree in Banking and Finance

Direction of Final Degree Projects:

Cabarcos Fernández, M. (2015). Cluster analysis. An application to the study of welfare indexes across countries.

Pérez Graiño, Sabela (2015) Applied Correspondence Analysis: construction of a housing quality index.

Abad Fernández, David (2016) Statistical techniques applied to social networks and sentiment analysis: The Volkswagen case

López Garrote, Nerea (2017) Applied statistical analysis: obtaining online fashion consumer profiles

Villaverde Medina, Nicole (2017) New statistical techniques: Text Mining on the Web. A mobile brand analysis

Direction of Master Thesis

Martínez López, Irene (2018) Financial analysis of livestock enterprises after the disappearance of the milk quota. Application of multivariate statistical techniques in R. Co-directed with Peón Pose, David.

Rodríguez Gómez, José Luis (2020) Bitcoin, an alternative investment asset. Co-directed with Peón Pose, David.

Other teaching experience

Courses:

Programming with R, in Economics and Business, included in the PhD program in Economic Analysis and Business Strategy. Organised by the Faculties of Economics and Business of the Universities of A Coruña, Santiago and Vigo. Academic years 2015-2016 and 2019-2020

Seminars:

Introductory seminar to statistical environment R for students of the Master's in Economics. Organised by the Faculties of Economics and Business of the Universities of A Coruña, Santiago and Vigo. Academic years 2018-2019 and 2020-2021

RESEARCH

Fernandez-Jardón Fernández, C., & Martínez-Filgueira, X., (1993). Consistency of a Linear Regression Estimate with Panel Data, Obtained by Preliminary Nonparametric Estimation. In: J. Vilaplana and M. Puri, ed., *Recent Advances in Statistics and Probability: Proceedings of the 4th International Meeting of Statistics in the Basque Country*. International Science Publishers, pp.52-58.

Sánchez-Sellero, M. C., Martínez-Filgueira, X. M., & Sánchez-Sellero, P. (2015). Activity in the labor market and the economic crisis: Gender differences in Galicia. *Intangible Capital* 11(1), 41-63.

Sánchez-Sellero, M. C., Sánchez-Sellero, P., & Martínez-Filgueira, X. M. (2017). Effects of socio-demographic changes on the labour market of Galicia in Spain. *Argumenta Oeconomica* 38(1), 42-61.

Martínez-Filgueira, X., Peón, D., & López-Iglesias, E. (2017). Intra-rural divides and regional planning: an analysis of a traditional emigration region (Galicia, Spain). *European Planning Studies* 25(7), 1237-1255.

Peón, D., & Martínez-Filgueira, X. (2020). Determinants of investing in innovative activities by agri-food and KIBS firms in rural areas: An exploratory analysis. *Journal of Small Business Management* 58 (6), 1155-1186.

Peón, D., Martínez-Filgueira, X.M., & López-Iglesias, E. (2020). Productive vs. residential economy: Factors behind the recovery of rural areas in socioeconomic decline. *Revista Galega de Economía* 29(2), 1-30.

Proxectos de investigación:

Principal Investigator in the Project: Castaña BigData

Financing entity: Dirección General de Ordenación Forestal; Reference:Feader 2016/11A

Duration from: 2016 to 2017