

JUAN CARLOS OROSCO

PhD Student in Mathematical Engineering - UC3M

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PROFILE

Professor with over 7 years of experience teaching in Universities, with papers published and interested in Time series models, data panel, Stochastics frontier and Machine Learning. Innovative and passionate data analyst seeking to leverage extensive background in data analysis.

EXPERIENCE

Professor

Universidad Nacional Agraria la Molina

📅 July 2017 – present 📍 Lima, Perú

- department of statistics and informatics

Processing and computing assistant

IMASEN

📅 Sep. 2015 – Sep. 2016 📍 Lima, Perú

- Responsible for processing, data consistency and generation of reports of quantitative studies

Assistant Professor

Universidad Nacional Agraria la Molina

📅 march 2013 – march 2015 📍 Lima, Perú

- Department of statistics and informatics

EDUCATION

Ph.D. Student in Mathematical Engineering

Universidad Carlos III de Madrid

📅 sep. 2020 – present

data panel, stochastic frontier, Bayesian analysis

M.Sc. in Applied Statistics

Universidad Nacional Agraria la Molina

📅 march 2015 – december 2016

Thesis title: Heterocedastic models with bootstrap in the analysis of the general index of the lima stock exchange.

Bachelor in Mathematics and Statistics

Universidad Nacional San Cristóbal de Huamanga

📅 july 2005 – july 2011

Thesis title: Bootstrap methodology in the serial seasonal analysis of the monthly income of a Hotel.

PUBLICATIONS

📄 Journal Articles

- Y. Guo, W.-K. Wong, N. Su, W. Ghardallou, J. Orosco, and P. T. M. Uyen, "Resource curse hypothesis and economic growth: A global analysis using bootstrapped panel quantile regression analysis," *Resources Policy*, vol. 85, 2023.
- J. Orosco, H. Lopes Moreira Da Veiga, and M. Wiper, "Measuring efficiency of peruvian universities: A stochastic frontier analysis," *Working paper - Universidad Carlos III de Madrid*, 2023.
- J. Orosco, D. Zapana Díaz, J. Jinchuña Huallpa, et al., "Technological social responsibility in university professors," *Eurasian Journal of Educational Research*, vol. 100, 2022.
- J. Orosco, "Metodología bootstrap en la predicción del índice de la bolsa de valores de lima, Perú (sp/bvl)," *Ciencia y Tecnología: Revista de la Universidad de Costa Rica*, vol. 37, 2021.
- J. Orosco and N. Huamaní, "Prediction of the number of confirmed cases and deaths from covid-19 using the logistic growth model in south american countries," *Revista Iberica de Sistemas e Tecnologias de Informacao*, vol. 40, 2021.

SKILLS

R Python Stata SPSS Statistical Analysis
Academic Writing Latex

LANGUAGES

Spanish ● ● ● ● ●

Portugues ● ● ● ● ●

English ● ● ● ● ●

REFERENCES

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Michael Wiper

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