

# JUAN CARLOS OROSCO

## Your Position or Tagline Here

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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

### Student Ph.D. 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

### Helena Veiga

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### Michael Wiper

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