

Pablo Estrada

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Education

- 2020 – 2025 **Ph.D. Student in Economics (3rd year)**, *Emory University*, Atlanta, US.
2019 – 2020 **M.Sc. in Economics**, *ESPOL*, Ecuador.
2014 – 2019 **B.Sc. in Economics**, *ESPOL*, Ecuador.

Research Interests

Networks, and Applied Microeconomics.

Work in Progress

- netivreg: Estimation of Peer Effects in Endogenous Social Networks**, (with J. Estrada, K. Huynh, D. Jacho, and L. Sanchez), Revised and Resubmit - Stata Journal.
Heterogeneous Peer Effects in Dynamic Social Interaction Models, (with J. Estrada, and D. Jacho)

Publications

- 2020 **Financial Contagion in Cross-holding Networks: The case of Ecuador**, (with L. Sanchez), *The Econometrics of Networks, Advances in Econometrics*, Vol. 42. Available [here](#).

Research Experience

- May. – Aug. **World Bank Group**, Research Assistant.
2020 The impact of Ebola in Tax Sales: Cleaned and analyzed data using Stata. Conducted literature review.
- May. – Aug. **Google Summer of Code**, *PySAL*.
2020 Spatial Regression Models in Python: Extended the submodule to include spatial econometric models for panel data with fixed and random effects.
- 2017 – 2019 **ESPOL**, Research Assistant.
- Implemented a Stata command to evaluate peer effects in endogenous networks.
 - Extracted information of hospitals in Yelp with a scraper using Python. The scraper was automated to work with thousands of user profiles.
 - Constructed multiple networks and calculated centrality measures statistics in R for research paper's data of top journals in Economics.
- 2017 – 2019 **ESPOL**, Teaching Assistant.
- Econometrics III. Time Series Econometrics (I Term – 2019).
 - Econometrics I. Introduction to Econometrics (II Term – 2017 and 2018).
- Mar. – Sep. **Maven Road**, *ESPOL*, Consulting Researcher.
2018 Implemented a multi-label classification model, in Python, with random forest, and classify Twitter users using the text of the biography.

Conferences

- July. 2022 OSG User School 2022. Summer School to learn how HTC systems work and how to run and manage huge datasets to implement a scientific computing workflow. University of Wisconsin - Madison.
- May. 2019 Parallel Session with the paper *Financial Contagion in Cross-holding Networks*. Fifth annual conference on Network Science and Economics , Indiana University - Bloomington, IN.
- May. 2019 Poster Session with the paper *Understanding Latin American Citizens Concerns through Online Newspapers*. Tenth Latin American Web Congress LA-WEB 2019, San Francisco, CA.

Honors and Awards

- 2020 – 2021 **AWS Educate Ambassador**, *Amazon Web Services*.
The AWS Educate Student Ambassador Program provides student leaders from around the world the opportunity to gain real-life experience while helping their peers gain valuable Amazon Web Services (AWS) technical skills to develop successful cloud careers.
- Apr. 2019 **Best Paper Award**, International Conference on eDemocracy and eGovernment.
Obtained the Best Paper Award in the 6th International Conference on eDemocracy and eGovernment, ICEDEG 2019.
- Nov. 2017 **Hacking Utopia 2017**, Human-IST Institute of the University of Fribourg.
Obtained the 2nd place. Created a model to predict smart buildings occupancy at different times of the day, using Recurrent Neural Networks.

Extracurricular Activities

- 2018 – 2019 **President**, *TAWS Club*, ESPOL.
TAWS is a Big Data Research Club that contributes to the training of young researchers, encouraging the use of new information technologies, especially Big Data applications.
- 2018 – 2019 **President**, *CADIEC Club*, ESPOL.
CADIEC is dedicated to apply economic, statistical and financial analysis in Ecuador to develop projects and research initiatives.

Other Information

Languages: Spanish (native), English (fluent).
Citizenship: Ecuador.