

PABLO ESTRADA

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[LinkedIn/GitHub](#)

EDUCATION

Emory University, Atlanta, GA

Ph.D. in Economics

Aug 2020 – May 2025

M.S. in Economics

Aug 2021 – May 2024

Espol University, Ecuador

M.S. in Economics

May 2019 – April 2021

B.S. in Economics

May 2014 – April 2019

WORK EXPERIENCE

Principal Quantitative Modeler, [Capital One](#)

May 2025 – Current

- Credit Risk Management Modeling team

Statistical Programmer, [Google Summer of Code](#)

May 2020 – Sep 2020

- Developed and programmed spatial regression models for the spatial data science Python library [PySAL](#), with the contributions later released to the research community ([GitHub Repository](#) of the project)

Short Term Consultant, [World Bank](#)

May 2020 – Sep 2020

- Conducted causal inference analysis and data cleaning of business income tax records for all firms in Liberia to assess the economic impact of Ebola
- Executed quasi-experimental methods and exploratory data analysis to determine the impact of curfews on economic activity

TEACHING

Emory University

ECON-521: Econometrics of Causal Inference - M.S. Level (Co-Instructor)

Fall 2024

ECON-524: Big Data Econometrics - M.S. Level (Co-Instructor)

Fall 2024

ECON-112: Principles of Macroeconomics (Main Instructor)

Spring 2024

ECON-626: Quantitative Methods II - PhD Core (Co-Instructor)

Fall 2022 & Fall 2023

ECON-526: Quantitative Methods I - PhD Core (Co-Instructor)

Fall 2022 & Fall 2023

ECON-521: Advanced Econometrics - PhD Core (Teaching Assistant)

Spring 2023

ESPOL University, Ecuador

DTS-2024: Experimental Design - M.S. Level (Main Instructor)

Summer 2024

PUBLICATIONS

1. **Estrada P.**, Estrada J., Huynh K., Jacho-Chavez D. and Sanchez-Aragon L. (2024). “netivreg: Estimation of Peer Effects in Endogenous Social Networks”. *Forthcoming - Stata Journal*.
2. **Estrada P.** and Sanchez-Aragon L. (2020). “Financial Contagion in Cross-holdings Networks: The Case of Ecuador”. *The Econometrics of Networks (Advances in Econometrics, Vol. 42)*.
3. **Estrada P.**, Layedra, F., Castillo G. and Vaca C. (2019). “The Good, the Bad and the Ugly: Workers Profiling through Clustering Analysis”. *Conference Proceedings ICEDEG*.

WORKING PAPERS

1. **Estrada P.** (2024). “Spillover Effects with Nonrandom Sample Selection”.
2. Carrubba C., Estrada J. and **Estrada P.** (2024). “Estimating Network Effects and Their Impact on Congressional Polarization”.
3. An W., **Estrada P.**, Estrada J. and Jacho-Chavez D. (2024). “Estimating Peer Influence on Multilayer Networks”.
4. **Estrada P.**, Markowitz S. and Witthaus A. (2024). “Sex-Based Wage Gaps in Nursing”. *Under Review*.

SKILLS

[Link to my Computing Labs and Coding Projects](#)

Software & Tools: Python, SQL, R, Tableau, Stata, Matlab, NetworkX, Scikit-learn, DoubleML

Languages: Spanish (native), English (fluent)

Personal Interests: Premier League and coffee experiments

CONFERENCE PRESENTATIONS

2024 1) Invited Speaker at West Virginia University 2) NABE Tech Conference 3) Midwest Econometrics Group Conference. 4) SEA Conference 5) Cafe CIEC Conference

2023 1) Econometric Society European Summer Meeting 2) Conference on Network Science and Economics 3) Midwest Econometrics Group Conference 4) ASHE Conference 5) Cafe CIEC Conference

2022 1) OSG Summer School for distributed high-throughput computing

SERVICE

First Year Peer Mentor , Emory University	2022 – 2024
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Econometrics Reading Group Organizer , Emory University	2022 – 2024
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AWS Educate Ambassador , Amazon Web Services	2021 – 2022
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Provides students the opportunity to gain real-life experience while helping their peers gain valuable Amazon Web Services (AWS) technical skills.