

Marcelo Ortiz-Villavicencio

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Atlanta, GA

Last updated: September 2024

EDUCATION

Emory University

Ph.D in Economics

Atlanta, GA

2022 - current

Relevant Coursework: Quantitative Methods I-II; Analysis II; Microeconomic Theory I-II; Macroeconomic Theory I-II; Probability & Statistics; Econometrics Methods I-II; Probability Theory; Market Structures & Imperfect Competition; Advanced Microeconometrics; Causal Inference; Topics in High-Dimensional Econometrics & ML Theory.

Escuela Superior Politécnica del Litoral (ESPOL)

M.Sc. in Economics; Valedictorian

Guayaquil, Ecuador

2019 - 2021

Escuela Superior Politécnica del Litoral (ESPOL)

B.A. in Economics; Top-3%

Guayaquil, Ecuador

2014 - 2019

RESEARCH INTERESTS

Econometrics, Causal Inference, Machine Learning, Applied Microeconomics

PUBLICATIONS

1. Heterogenous treatment effects of a voluntary Inclusionary Zoning program on housing prices.
(with Gonzalo E. Sánchez & Mario A. Fernández, *Housing Studies*, 2024)

WORK IN PROGRESS

1. Better Understanding Triple Differences Estimators.
(with Pedro H. C. Sant'Anna)
2. Heterogeneous Treatment Effects with Continuous Treatments.

RESEARCH EXPERIENCE

Emory University

Research Assistant to:

- Prof. Pedro H.C. Sant'Anna: Spring 2024 - ongoing
- Prof. Elena Pesavento: Fall 2023

Atlanta, GA

Inter-American Development Bank

Research Assistant to Juan Pablo Chauvin, Ph.D.

Washington D.C.

Aug 2021 - Feb 2022

ESPOL

Research Assistant

Guayaquil, Ecuador

Jan 2018 - Sept 2019

TEACHING EXPERIENCE

Emory University

Instructor

- **Computer Programming & Data Management in Economics:** (ECON 725, Masters level) Fall 2024.

Teaching Assistant

- **Econometric Methods I:** (ECON 621, PhD level) Spring 2024.
- **Parametric Statistics:** (QTM 365, Undergraduate level) Fall 2023, Fall 2024.
- **Econometrics:** (ECON 320, Undergraduate level) Fall 2023.

Atlanta, GA

ESPOL

Teaching Assistant

- **Econometrics II:** (Undergraduate level) Fall 2018, Spring 2018, Fall 2019.
- **Statistical Inference:** (Undergraduate level) Spring 2017.

Guayaquil, Ecuador

2017 - 2019

WORK EXPERIENCE

Rappi

Sr. Data Scientist

Guayaquil, Ecuador

2021 - 2023

Nodel

Data Scientist

Guayaquil, Ecuador

2019 - 2021

AWARDS & HONORS

- 2022: Laney Graduate School Fellowship to Doctoral studies.
- 2021: Best student in his Master's program (Valedictorian).
- 2019: Masters Full Scholarship for graduate studies at ESPOL.
- 2018: Elected as a Student Representative to the Board of Directors of the School of Social Science and Humanities, ESPOL.
- 2018: Won a *Merit Scholarship* based on high-achieving and academic distinction (Undergraduate level) in the Department of Economics at ESPOL.
- 2011-2014: Winner of the *Medalla Escolar* from Benemerit Guayas Philanthropic Society (awarded to the best students of all the schools in the City of Guayaquil).

SEMINARS & CONFERENCES

- 2024: *Optimization-Conscious Econometrics Summer School - OCE III (The University of Chicago); Midwest Econometrics Group Conference 2024 (University of Kentucky)*
- 2020: *12th International Conference on Social Informatics (Online)*.
- 2019: *IX Semana Internacional de Economía (Quito, Ecuador)*.
- 2019: *Latin American WEB Congress (San Francisco, CA)*.

SKILLS

- *Computer Languages*: Python, R, Stata, SQL, C++, Matlab.
- *Libraries & Technologies*: Scikit-learn, Pytorch, TensorFlow, MLflow, Databricks, AWS, Snowflake, Airflow, Spark.

OTHER INFORMATION

- *Languages*: Spanish (native), English (fluent)
- *Citizenship*: Ecuador