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EDUCATION

Master of Arts in Economics

Sep 2023 - Jul 2024

University of British Columbia (UBC)

GPA: 4.33/4.33

Thesis: Criminal Power Vacuum: The Effect of Ecuador's Drug Lord's Murder on Violence

Bachelor in Economics

Jan 2017 - Dec 2022

Universidade de São Paulo (FEA-USP)

Grade: 7.3/10, Class ranking: 10/52

Thesis: Was inflation higher in regions that benefited most from the Emergency Aid program? (English, Portuguese). It was awarded the second-best economics bachelor's thesis in 2022.

Exchange Program

Sep 2019 - Feb 2020

Technische Universität Berlin

WORK IN PROGRESS

- *Criminal Power Vacuum: The Effect of Ecuador's Drug Lord's Murder on Violence* [[Current Version](#)]
 - Expanding upon my master's thesis, I am improving the construction process of my novel dataset tracking criminal organization presence over time in Ecuador to investigate the impact of the murder of the leader of the largest Ecuadorian gang on violence rates, as well as school dropout rates.
- *Affirmative Action and Heterogeneous Efforts*, with Shubhangi Gupta [[Project](#)]
 - Using Brazil's Quotas Law, this project explores the heterogeneous effects of affirmative action on pre-college effort using DiD and Shift-Share IV approaches and administrative datasets.
- *Organized Crime and Societal Dynamics: Evidence from Manaus, Brazil*, with Paula Pereda [[Current Version](#)]
 - Using Synthetic control methodology, we analyze the effects of the crime group *Família do Norte* on labor market dynamics and educational attainment.

RESEARCH EXPERIENCE

Predocctoral Research Fellow

Jul 2024 - Present

Cornell University - CIDER

Ithaca, NY, USA

- Working with [Prof. John Hoddinott](#):
 - Leading data analysis for the 50-year follow-up of the Guatemala INCAP protein supplement experiment (NIH grant R01 AG079990). Traveled to Guatemala twice to observe interviews, understand the field setting, and present initial results.
- Working with [Prof. Daniela Scur](#):
 - Contributed to R&R robustness checks and prepared the replication package for [Scur et al. \(2024\)](#).
 - Conducting data analysis for [Chen et al. \(2025\)](#), which analyzes poaching events in companies.
 - Assisting with analysis for [Bobonis et al. \(n.d.\)](#), an RCT testing a principal-level management intervention.

Research Assistant

Mar 2023 - Aug 2023

Universidade de São Paulo (FEA-USP)

São Paulo, Brazil

- Contributed to various economic research projects from [Prof. Paula Carvalho Pereda](#)
 - Lead the Review and Resubmit process of [Drugowick and Pereda \(2024\)](#), which analysis the effect of *Família do Norte* criminal organization on GDP.
 - Supported the econometric analysis on [Guidetti et al. \(2024\)](#)

PRIVATE SECTOR WORK EXPERIENCE

- **Economist**, Macro Capital Asset Management Aug 2022 - Jan 2023
- **Macro Research Intern**, Macro Capital Asset Management Aug 2021 - Aug 2022
- **Intern at Dept. of Competitiveness and Technology**, FIESP Jan 2021 - Aug 2021
- **Intern at Dept. of Loans and Financing**, Bradesco Aug 2018 - Aug 2019

SKILLS

Programming Skills

Github: <https://github.com/femdias>

- *Proficient*: Python, R, Stata
- *Familiar*: MATLAB
- *Applications*: Econometric analysis, data manipulation & visualization, web scraping, geospatial analysis

Teaching:

- Teaching Assistant, *UBC*
 - ✧ ECON 101 Microeconomics (Fall 2023), ECON 102 Macroeconomics (Winter 2024)
 - ✧ Responsibilities: Graded and invigilated exams, led weekly tutorials and office hours
- Volunteer programming teacher, *Da Periferia Para o Mundo* social project (Winter 2023).
 - ✧ Taught children aged 13-14 coding in Scratch and Python

Services:

Economics That Really Matters (ETRM) blog - Assistant Editor (Nov/24 - Current)

Additional Courses:

- Real Variables (Math 447) - University of Illinois Urbana-Champaign (online)
- MITx MicroMasters Program in Data, Economics, and Design of Policy (5 courses completed)
 - Political Economy and Economic Development (with certificate)
 - Foundations of Development Policy (with certificate)
 - Designing and Running Randomized Evaluations (audit)
 - Data Analysis for Social Scientists (audit)
 - Microeconomics (audit)
- Statistics with Python - 3 courses specialization - University of Michigan (via Coursera)

Languages:

- Portuguese (native), English (fluent, TOEFL score: 107), Spanish (intermediate), German (beginner)

AWARDS

Second Place in the Award of Academic Excellence, 2022

Universidade de São Paulo (FEA-USP)

- Award given by the Department of Economics to the best economics bachelor's theses of the year

Honorable Mention in Prize of Excellence in Economics - Bachelor Thesis, 2023

Regional Economic Council of São Paulo (CORECON-SP)

- Award given to the best economics bachelor's theses across São Paulo of the year