

EDUCATION

Master's in Economics, FGV/EPGE 2022 - 2024
Title: *Semialgebraic Identification under Polynomial Moment Restrictions*. **Advisor:** Marcelo J. Moreira.
Committee: Whitney Newey (MIT), Mahrhad Sharifvaghefi (Pitt), Marcelo Sant'Anna (EPGE).

Bachelor's in Economics, Ibmecc Business School 2017 - 2020
Undergraduate Thesis Award 2020 1st place
Ibmecc Education Stars Merit Scholarship 2020 1st place

ACADEMIC POSITIONS

Research Assistant, FGV/EPGE & University of Pittsburgh, 2023–2025. Research assistant for professors Marcelo J. Moreira (EPGE), Mahrhad Sharifvaghefi (Pitt), and Whitney Newey (MIT) on a predoctoral-equivalent project related to the computation of Continuously Updating GMM Estimators (CUE), jointly funded by the University of Pittsburgh and FGV/EPGE.

Research Assistant, Institute for Applied Economic Research (Ipea), 2019–2022. Initially, as part of the Ipeadata project, I led the development of the `IpeadataPy` package, designed to query, visualize, and extract data and metadata from the Ipeadata database directly via Python code. `IpeadataPy` has since accumulated over 210,000 downloads and remains actively maintained by me. Later, at the Directorate of Macroeconomic Studies and Policies (DIMAC), I focused on applied econometric and macroeconomic research, resulting in the publication of two peer-reviewed papers in Brazilian academic journals. A third paper, also written during my time at Ipea, was recently accepted at the Brazilian Review of Econometrics and is forthcoming.

WORK IN PROGRESS

Automatic Identification under Polynomial Moment Restrictions, joint with Guilherme Exel, and Marcelo J. Moreira.
Optimal Identifying Instrument Learning, joint with Guilherme Exel, and Marcelo J. Moreira.
Global Optimization for CUE, joint with Guilherme Exel, Marcelo J. Moreira, Whitney K. Newey, and Mahrhad Sharifvaghefi.
Global Optimization for Nonlinear CUE, joint with Guilherme Exel, Marcelo J. Moreira, and Mahrhad Sharifvaghefi.

PUBLICATIONS

PEER-REVIEWED

[EN] *Forecasting Brazilian GDP under Fiscal Foresight with a Noncausal Fiscal VAR*. Brazilian Review of Econometrics. FC.
[EN] *The Macroeconomics of Epidemics: Interstate Heterogeneity in Brazil*. *EconomiA*. Volume 22, Issue 3. 2021.
[PT] *Lack of Coordination Between Federal and State Levels in Combatting COVID-19 in Brazil*. *Cadernos ENAP*. 2021.

BOOK REVIEWS

[PT] *Do Macroeconomic Laws Exist?* *Valor Econômico*. 2022. A review of *The Methodology of Empirical Macroeconomics*.

MEDIA IMPACT

[EN] *Interstate Heterogeneity and Combatting COVID-19 in Brazil*. CEPR VoxEU Column. 2020.
[PT] *The Fight Against COVID-19 Must Consider the Unique Characteristics of Each State*. Ipea Press. 2020.
[PT] *Study Finds Lack of Coordination During COVID-19 Affected Nation's Health and Economy*. O Globo. 2021.

TEACHING EXPERIENCE

Graduate TA. Statistics II (2024, 2023). Assisted Professor Marcelo J. Moreira by grading exams and leading TA sessions.
Undergraduate TA. Linear Algebra (2020), Econometrics I (2020, 2019), Calculus III (2018), Microeconomics II (2018).

SCHOLARSHIPS AND RESEARCH GRANTS

University of Pittsburgh. 2024–2025. Research grant for a predoctoral-equivalent research assistantship. R\$ 25,200.00/year.
FGV/EPGE. 2024–2025. Research grant for a predoctoral-equivalent research assistantship. R\$ 25,200.00/year.
FGV/EPGE. 2022. Cash bonus for peer-reviewed publication, FGV/EPGE. R\$ 15,000.00.
CAPES/CNPq. 2022–2024. CAPES/CNPq scholarship. Master's program in Economics, FGV/EPGE. R\$ 25,200.00/year.
ENAP. 2020. Project “*Implications of the Lack of Coordination Between Federal and State Levels in Managing COVID-19 Pandemic Response Policies in Brazil*” (in Portuguese) awarded with a research grant by the National School of Public Administration (ENAP). Ranked 5th out of 228 research projects submitted. R\$ 15,000.00.

CONFERENCES AND ACADEMIC SERVICES

Econometrics in Rio. 2024. Organizing committee. Host to professors Alberto Abadie (MIT), Andrei Zelenev (UCL), Mahrhad Sharifvaghefi (Pitt), Michael Leung (UCSC), Jessie Li (UCSC), and Whitney Newey (MIT).
International Congress of Mathematicians. 2018. Support team. Volunteer selected through a recruitment process (IMU).