

Lucas Poli

 poli.lucasluiz@gmail.com  lucaspolip  lucas-poli  Italian / Brazilian — EU work eligible

EDUCATION

London School of Economics - LSE, London, United Kingdom
MSc in Political Economy

Sep 2022 – Sep 2023

- **Dissertation:** Electoral Accountability and Deforestation in the Amazon Biome
- **Focus Area:** Econometrics, Game Theory, Causal Inference, Machine Learning
- **Extra Information:** Graduated with distinction

Pontifical Catholic University – PUC, São Paulo, Brazil
Bachelor in Economics

Jun 2018 – Feb 2022

- **Bachelor's Thesis:** The Impact of Political Fragmentation on the Public Debt of Latin American Countries
- **Extra Information:** GPA 8.4/10

University of São Paulo - USP, São Paulo, Brazil
Bachelor in Social Science

Feb 2014 – Jun 2018

- **Bachelor's Thesis:** Habermas' theory of new social movements
- **Extra Information:** GPA 8.3/10

PROFESSIONAL EXPERIENCE

Inter-American Development Bank, Washington D.C, United States
Research Consultant

Jan 2025 – Present

- Co-authoring a paper using stochastic frontier models to identify strategic oversampling by Brazilian water providers to avoid contamination penalties
- Co-authoring a paper that estimates the effect of water contamination on Brazilian students' learning outcomes using a staggered Difference-in-Differences model
- Reviewing and supporting the preparation of country diagnoses, impact evaluation and research design in water, sanitation and solid waste in Latin America and the Caribbean

External Research Consultant

Feb 2024 - Nov 2024 (Remote)

- Co-authored a cross-country policy study on water quality regulation in Latin America and the Caribbean, selected to be published in IDB's flagship water report
- Developed an index to measure alignment between national drinking water standards and WHO guidelines, enabling cross-country comparisons and trend analysis
- Managed complex datasets from collection to visualisation, developing protocols for data cleaning, coding, storage and analysis

Centre for Economic Performance, London, United Kingdom
Research Assistant

Aug 2023 - Dec 2024

- Built a machine learning model to forecast crime incidents for the Metropolitan Police using over 1 million observations; improved predictive accuracy by reducing the mean absolute percentage error from 25% to 3%
- Automated the collection and processing of climate data through web scraping and API queries, enabling faster data updates for analysis
- Applied empirical methods to satellite imagery data for economic activity estimation

MCM Political and Macroeconomic Consulting, São Paulo, Brazil*Economist*

May 2021 - Feb 2022

- Developed forecasting models in R for macroeconomic indicators using high-frequency economic data, supporting investment and risk strategies for financial clients
- Wrote weekly market reports on Brazilian and U.S. economic scenarios, combining macro trends with political scenario analysis

Intern

Nov 2019 - May 2021

- Cleaned and managed time-series economic data used in forecasting models and scenario analysis
- Assisted the chief economist in preparing presentations on Brazil's political and macroeconomic scenario to support client risk assessments and investment decisions

Pulso Público Political and Advocacy Consulting, São Paulo, Brazil*Analyst*

Feb 2019 – Nov 2019

- Led the development of advocacy strategies for clients such as WWF and ChildFund, identifying key political actors and legislative opportunities
- Represented clients in meetings with congressional staff and stakeholders to support advocacy strategies and contribute to policy implementation efforts

Intern

May 2018 – Feb 2019

- Monitored legislative, executive, and judicial activity to produce policy analysis for third-sector organizations

TECHNICAL SKILLS**R, L^AT_EX, Microsoft Office**

Advanced

Python, QGIS, SQL, Bloomberg, Power BI, Tableau

Intermediate

EViews, STATA

Basic

LANGUAGES

- Portuguese (Native)
- English (Fluent)
- Spanish (Intermediate)
- German (Basic)

REFERENCES**Dr. María Pérez-Urdiales, Inter-American Development Bank**
Knowledge Coordinator – Water, Sanitation & Solid Waste Sector

mariaurd@iadb.org

Dr. Pavithra Suryanarayan, London School of Economics
Associate Professor

p.suryanarayan@lse.ac.uk

Dr. Tom Kirchmaier, Centre for Economic Performance
Director Policing and Crime

t.kirchmaier@lse.ac.uk