

FELIPE MARQUES ESTEVES LAMARCA

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💡 RESEARCH INTERESTS

Legislative behavior; political behavior; public policy; text-as-data; causal inference; survey methods.

🎓 EDUCATION

Institute of Social and Political Studies, IESP-UERJ

03/2025 – Present

M.A., Political Science

Dissertation: *Preference estimation in the Brazilian Congress*

Advisor: **Fernando Meireles, Ph.D.**

School of Applied Mathematics, Getulio Vargas Foundation

02/2021 – 12/2024

B.Sc., Data Science and Artificial Intelligence

Advisor: **Luiz Max Carvalho, Ph.D.**

School of Social Sciences, Getulio Vargas Foundation

02/2019 – 12/2024

B.A., Social Sciences

Advisor: **Jaqueline Porto Zulini, Ph.D.**

Summer schools and training. Summer Institute in Computational Social Science (**SICSS**), Rio de Janeiro, 2024; **ML4Good** bootcamp, 2024; academic writing and publication of quantitative papers in the social sciences, IESP-UERJ, 2025; **Effective Altruism Global**, San Francisco, 2026 (full funding).

📄 PUBLICATIONS

PEER-REVIEWED ARTICLES

- **Lamarca, Felipe M. E.** 2021. “As relações Executivo-Legislativo na Primeira República: uma análise das mensagens presidenciais enviadas ao Congresso (1910–1920).” *Mosaico* 13(20): 525–546. [DOI] · [Access link]

WORKING PAPERS

- **Lamarca, Felipe M. E.**, Fernando Meireles, and Argelina Cheibub Figueiredo. “Como a população do estado do Rio de Janeiro se informa sobre política?” *DOXA* (IESP-UERJ), 2026.
- **Lamarca, Felipe M. E.**, and Tomás Paixão Borges. “Quantos votos meu partido vai fazer? Um tutorial de validação preditiva com dados abertos (2016–2024).” 2026.
- **Lamarca, Felipe M. E.**, and Lucas Calabro Berti. “Da gaveta ao plenário: os caminhos da aprovação de pautas na Câmara dos Deputados.” 2026.

TECHNICAL NOTES

- Santos, Fabiano, Carlos Freitas, and **Felipe M. E. Lamarca**. “Nota Técnica NECON sobre as próximas eleições presidenciais.” *NECON* (IESP-UERJ), 2026.

🔗 SOFTWARE

- `mape_municipios_dashboard` (2025). With Fernando Meireles. A dashboard over one of the most comprehensive databases on Brazilian municipalities, built for **MAPE**. [Source code] · [Access link]
- **LGBTQIA+ indicators in Rio de Janeiro** (2026). With Tomás Paixão Borges. A dashboard on the `mape_municipios` infrastructure for the office of state deputy Dani Balbi, bringing together MUNIC, PNS, and Censo SUAS data on the LGBTQIA+ population of the state, including the territorial distribution of social assistance facilities.
- **Quarto-Model-IESP** (2026). With Matheus Cavalcanti Pestana. A Quarto template for IESP-UERJ dissertations and theses. [Source code] · [DOI]
- **RelicárIA** (2025). With Danielle Sanches de Almeida. A platform that combines AI and data analysis to extract and visualize information from historical documents. [Source code] · [Access link] · [DOI]

- BoticárIA (2025). With Danielle Sanches de Almeida. A RAG-based conversational AI that simulates an 18th-century apothecary, grounded in historical pharmacological sources. [\[Source code\]](#) · [\[Access link\]](#)

CONFERENCE PRESENTATIONS

- Sep 2026** **50th ANPOCS Annual Meeting**, SPG 31 – Methodology and Research Methods in the Social Sciences. *Quantos votos meu partido vai fazer? Um tutorial de validação preditiva com dados abertos (2016–2024)*.
- Aug 2026** XV Meeting of the Brazilian Political Science Association (ABCP), Belém. *Da gaveta ao plenário: os caminhos da aprovação de pautas na Câmara dos Deputados*.
- Nov 2025** 10th Student Week of the Postgraduate Programs of IESP-UERJ. *Quantos votos meu partido vai fazer? Prevendo o vote share nos municípios fluminenses*. [\[Files\]](#)
- Aug 2025** **24th Congress of the Global Basic Income Network (BIEN)**. *Fatores explicativos do apoio ou rejeição à criação de uma política municipal de renda básica: modelando a percepção dos cariocas*. [\[PDF\]](#)

FELLOWSHIPS, GRANTS, AND AWARDS

FELLOWSHIPS AND GRANTS

- 2026–2027** Graduate fellowship, Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do Rio de Janeiro (FAPERJ Nota 10), awarded for performance in the first year of the M.A. programme at IESP-UERJ.
- 2026** Research grant, *Pensando o Direito* programme, Ministry of Justice and Public Security (MJSP).
- 2025–2026** Master’s fellowship, Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES).
- 2021–2022** Undergraduate research fellowship (CNPq).
- 2019–2024** 90% merit scholarship for undergraduate study at the Getulio Vargas Foundation, awarded for performance in the entrance examination.
- 2019–2021** Undergraduate research fellowship (FGV).

AWARDS AND DISTINCTIONS

- 2026** 2nd Runner Up, Best DH Tool or Suite of Tools, **DH Awards 2025**, for RelicárIA.
- 2025** Professor Carlos Eduardo Sarmento Academic Distinction Award, School of Social Sciences (FGV CPDOC), for the highest academic performance in the Class of 2025.
- 2024** 1st place admission to the M.A. programme in Political Science at IESP-UERJ.
- 2020** Best Paper Award, History and Social Sciences Students’ Week (FGV CPDOC).

RESEARCH EXPERIENCE

***Pensando o Direito* research grant, MJSP**

07/2026 – Present

Researcher. Systematic review of the evidence on a set of public security policies for the Legal Amazon, organized around the idea of a qualified entry of the State into vulnerable territories, following the OQF (*O Que Funciona?*) protocol developed at MAPE. I run the search protocol, screening, and evidence extraction. Project coordinated by Djane Braz Duarte.

Expected deliveries. (i) an analytical report for the Ministry; (ii) an article submitted to a peer-reviewed journal; (iii) entries on the reviewed policies in the **Dicionário de Favelas Marielle Franco**.

NECON (IESP-UERJ)

01/2026 – Present

Researcher at the Center for Studies on Congress, coordinated by Fabiano Santos. I work on the lab’s databases on roll-call votes and legislative production.

Selected delivery. A technical note applying spatial models of voting to the 2026 presidential race.

RESA project, UFAC and IESP-UERJ

08/2025 – Present

Researcher on the socioeconomic and environmental impacts of family-based agroextractive production in the Chico Mendes Extractive Reserve, in Acre, with an emphasis on what cooperatives change in land use and in household income. I handle the quantitative data and build the project’s public monitoring platform. Coordinated by Luci Maria Teston (UFAC), with IESP-UERJ as a partner institution.

Selected delivery. A preliminary version of the **monitoring platform**, covering deforestation in Acre.

DOXA (IESP-UERJ)

05/2025 – Present

Researcher at the Laboratory of Electoral Studies, Political Communication and Public Opinion, coordinated by Fernando Meireles and Argelina Cheibub Figueiredo. I work on the design and analysis of the lab's public opinion surveys, including weighting and post-stratification.

Selected delivery. Analysis of the DOXA survey on how the population of the state of Rio de Janeiro learns about politics, now a working paper.

MAPE (IESP-UERJ)

04/2025 – Present

Researcher at the Laboratory for Monitoring and Evaluation of Policies and Elections, coordinated by Fernando Meireles and Bruno Schaefer. I build and maintain the `mape_municipios` database and its public interface, and teach in the lab's methodological training.

Selected delivery. A Streamlit application that lets users interact with `mape_municipios`, a database covering 30 years and 451 variables on Brazilian municipalities.

School of Public and Business Administration, FGV EBAPE

02/2025 – 04/2025

Research Assistant. Digitized and systematized historical election results using OCR and LLMs, under the supervision of Prof. [Cesar Zucco, Ph.D.](#)

Selected deliveries. Databases extracted from historical images, source code, and a technical report.

CEBRAP

10/2024 – 02/2025

Consultant for the Center for Critical Imagination. Applied OCR and LLMs to the Brazilian Statistical Yearbooks, published as manuscripts, to systematize social assistance data since the early 20th century. In collaboration with [José Szwako, Ph.D.](#)

Selected deliveries. Databases extracted from PDFs, source code, and a technical report.

School of Social Sciences, FGV CPDOC

06/2019 – 09/2022

Junior Research Fellow. Supported by an FGV/CNPq fellowship, examined Executive-Legislative relations in the early 20th century using qualitative and quantitative methods. Supervised by Prof. [Jaqueline Porto Zulini, Ph.D.](#)

Selected deliveries. Three technical reports and one peer-reviewed article.

TEACHING EXPERIENCE

COURSES TAUGHT

Introduction to AI agents in academic research

06/2026

Short course at [LABIIA](#) on the use of AI agents in academic research. [\[Files\]](#)

AI agents for social science research

05/2026

Short course at [CERES](#), IESP-UERJ: an introduction to Claude Code. [\[Files\]](#)

Sociology for Nursing

Fall 2025

Teaching internship (*estágio docência*) at UERJ, in an undergraduate course.

Machine Learning

Fall 2025

Methodological training of [MAPE](#) (graduate). Recognizing, training, interpreting, and evaluating simple predictive models applied to social research. [\[Files\]](#)

Deep Learning & Text-as-Data

Fall 2025

10th Student Week of the Postgraduate Programs of IESP-UERJ (graduate). What a neural network is and how to train one, and text-as-data with deep learning. [\[Files\]](#)

Automated Text Analysis

Spring 2025

Crash course on modern approaches to text-as-data in social science, at the [Summer Institute in Computational Social Science \(SICSS\) Brazil](#). [\[PDF\]](#)

TEACHING ASSISTANTSHIPS

Advanced Text-as-Data

Spring 2025

IESP-UERJ Winter School (graduate). Deep learning, embeddings, transformers, and LLMs applied to political science. Instructors: [Tiago Ventura, Ph.D.](#) and [Sebastián Vallejo Vera, Ph.D.](#)

[\[Course website\]](#)

Quantitative Methods II

Fall 2024

FGV CPDOC (undergraduate). Exploratory data analysis, statistical inference, and regression models. Instructor: **Jairo Nicolau, Ph.D.**

Introduction to R

Fall 2020

FGV CPDOC (graduate). Introduction to programming for social science applications. Instructor: **Jimmy Medeiros, Ph.D.**

PROFESSIONAL EXPERIENCE

AtlasIntel

06/2025 – Present

Data Scientist working on calibrating survey samples, political analysis, monitoring public opinion, and improving internal data pipelines.

Selected delivery. Cut the retrieval of Brazilian demographic data for sample weighting from a manual, multi-hour task to a single scripted call.

Independent Consultant in Data Science and Research

07/2024 – 06/2025

Data and AI work, research support, and training for clients across sectors.

- **Artplan**: applied deep learning to social media segmentation.
- **Fundação Roberto Marinho**: dashboards in Streamlit and Power BI, an AWS data lake, and Python/ML training.
- **Plataforma CIPÓ**: training modules in machine learning and data analysis.
- **GENI/UFF**: LLM and RAG tools for structured extraction from unstructured documents.

Instituto Rio21

04/2022 – 06/2025

Data Scientist and Researcher. Ran and analyzed opinion polls on public policy and urban security.

Selected deliveries. (i) An automated Python pipeline that cut report production from days to about an hour; (ii) interactive and programmatic maps for corporate audiences.

Strategic Planning Superintendence, FGV

10/2024 – 12/2024

Data Science Intern. Brought generative AI into decision-making pipelines and prepared presentations for FGV's executive leadership.

Selected delivery. A RAG pipeline for querying FGV researchers' publications in natural language.

Visagio

01/2024 – 06/2024

Part-time Data Scientist. Optimization models, SQL pipelines, and Power BI dashboards for the pricing and operations teams.

Selected deliveries. (i) A sample-size calculator for A/B tests in complex non-experimental settings; (ii) Power BI dashboards for expense auditing; (iii) analytics for allocating discount campaigns.

SKILLS AND LANGUAGES

Programming. R, Python, SQL, Git, LaTeX and Quarto.

Methods. Causal inference; survey sampling, weighting, and post-stratification; text-as-data and NLP; machine learning and deep learning.

Tools. Streamlit, DuckDB, Power BI, AWS, LLM APIs and RAG pipelines (OpenAI, Groq, xAI, LlamaIndex, LangChain), Docling and DocTR for OCR.

Languages. Portuguese (native); English (fluent).

REFERENCES

Fernando Meireles, Ph.D. — IESP-UERJ, M.A. advisor · fernando.meireles@iesp.uerj.br

Argelina Cheibub Figueiredo, Ph.D. — IESP-UERJ · argelina@iesp.uerj.br

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