

Lucas de Oliveira Gelape

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Political scientist and data analyst. I have experience with computational social sciences, especially in political, socioeconomic and social media data analyses.

Education

- **University of São Paulo**
PhD in Political Science 2017–2021
- **Harvard University**
Visiting Fellow 09/2019–02/2020
- **Federal University of Minas Gerais**
MA in Political Science 2015–2017
- **Federal University of Minas Gerais**
Bachelor in Laws 2010–2014

Professional Experience

- **Federal University of Minas Gerais, UFMG**
Professor Jun. 2025–Currently
Assistant Professor, Political Science Department. Researcher at the Center for Legislative Studies (CEL-UFMG). Teaching, research, and outreach duties.
- **Center for Politics and Economics of the Public Sector, FGV-SP**
Post-Doctoral Researcher May 2023–Apr. 2025
Post-Doctoral Researcher. Project: "The spatial voting patterns of local elections and their related variables", supervised by prof. George Avelino.
- **Fundação SEADE – São Paulo State Statistical Bureau**
Technical Adviser Jan. 2022–Mar. 2023
Technical Adviser at the Data Production Analysis Division. Worked on managing and executing activities using new technologies to produce official statistics: text-as-data machine learning models; development and maintenance of ETL processes; web scraping; creation of indicators; opening and standardizing public data.
- **Volt Data Lab**
Data Analyst Feb. 2019–Aug. 2019; Jun. 2020–Jan. 2022
Activities of data collection, analyses, and visualization in several projects of the agency. Among them, the development of social listening platforms, data analyses for several stories on *Núcleo Jornalismo* and other projects in the agency, and software development (R packages) to extract API data.
- **G1 (Rede Globo)**
Data Scientist Jul. 2018–Nov. 2018
Data collection, data analysis, and wrote news stories about the Brazilian general elections.
- **Instructor on programming and quantitative methods' courses**
Teaching experience 2017–2025
I have taught short courses on programming and quantitative methods at various institutions, covering topics such as introduction to R, introduction to statistics, and spatial data analysis.

Languages

- **English:** Proficient.
- **Italian:** Advanced.
- **Spanish:** Intermediate.

Technical Skills

- **Programming Languages:**
 - **R:** Advanced.
 - **SQL:** Beginner.
 - **TeX:** Beginner.
 - **Stata:** Beginner.
- **Softwares:**
 - **QGis:** Intermediate.
 - **ArcGis:** Beginner.

Courses and Training

- **Methodology:**
 - Summer Institute in Computational Social Science (FGV-DAPP, 2022)
 - Introduction to Machine Learning (Curso-R, 2021)
 - Dashboards with R (Curso-R, 2020)
 - Survey Research Design (IPSA-USP, 2019)
 - Survey Research Analysis (IPSA-USP, 2019)
 - Introduction to Survey Experiments (IPSA-USP, 2019)
 - Field Research: Interviewing and Mixed Methods (IPSA-USP, 2018)
 - Basics of Spatial Interdependence in Theory and Practice (IPSA-USP, 2018)
 - Aggregate Data Analysis (MQ-UFMG, 2016)
 - Spatial Data Analysis and Visualization (MQ-UFMG, 2016)
 - Linear Regression (MQ-UFMG, 2015)

Publications

Peer-reviewed articles.....

- Rocha, Marta Mendes; Gelape, Lucas. 2024. Políticos locais e conexões multinível: a atuação de brokers eleitos no federalismo brasileiro, *Reflexión Política*, v. 26, p. 33-47.
- Gelape, Lucas; Luz, Joyce; Thomé, Débora. 2024. Padrões espaciais de votação nas eleições para a Câmara Municipal de São Paulo: um estudo a partir das eleições de 2020, *Estudos Avançados*, v. 38, p. 301-323.
- Gelape, Lucas; Silva, Glauco Peres da. 2022. Restrição partidária às decisões de carreira de políticos brasileiros: evidências de vereadores brasileiros, *Revista de Sociologia e Política*, v. 30, e014.
- Hoyler, Telma; Gelape, Lucas; Silotto, Grazielle. 2021. A construção de vínculos político-territoriais na cidade: evidências de São Paulo, *Opinião Pública*, Campinas, v. 27, n. 2, p. 549-584.
- Pereira, Rodolfo Viana; Gelape, Lucas. 2015. Anacronismo do Sistema Proporcional de Lista Aberta no Brasil: o caso das razões originárias de sua adoção. *Revista de Informação Legislativa*, Brasília, v. 52, n. 205, p. 261-279.

Books.....

- Gelape, Lucas; Silva, Glauco Peres da. *Geografia eleitoral: teoria e prática*. Curitiba: Intersaberes, 2025.
- Silotto, Grazielle; Gelape, Lucas; Castro, Pedro; Silva, Glauco Peres da. *Poder e território: uma abordagem a partir da ciência política*. Curitiba: Intersaberes, 2021.

Book chapters.....

- Mendonça, Ricardo Fabrino; Gelape, Lucas; Cruz, Carlos Estevão C. 2023. Collective Candidacies and Mandates in Brazil: Challenges and Pitfalls of a Gambiarra. In: Bua, Adrian; Bussu, Sonia (org.). *Reclaiming Participatory Governance: social movements and the reinvention of democratic innovation*. New York: Routledge, p. 154-159.
- Soares, Fabiana de Menezes; Gelape, Lucas. 2016. Consultoria Legislativa da ALMG: o Amicus curiae do processo legislativo? In: Santos, Manoel Leonardo; Anastasia, Fátima (org.). *Política e Desenvolvimento Institucional no Legislativo de Minas Gerais*. Belo Horizonte: Editora PUC Minas. p. 381-413.

PhD Dissertation.....

- Gelape, Lucas. 2022. *Apesar de tudo, carreiras políticas locais: padrões alternativos, reeleição e partidos nas trajetórias de vereadores*. Tese de Doutorado – Universidade de São Paulo, São Paulo.

Masters Thesis.....

- Gelape, Lucas. 2017. *A geografia do voto em eleições municipais no sistema eleitoral de lista aberta: um estudo a partir de Belo Horizonte, Rio de Janeiro e São Paulo*. Dissertação de Mestrado – Universidade Federal de Minas Gerais, Belo Horizonte.

Conference Papers.....

- Gelape, Lucas; Feital, Thiago Álvares. 2015. From Art to Politics: challenging representation. *Human Rights, Rule of Law and the Contemporary Social Challenges in Complex Societies: Proceedings of the XXVI World Congress of Philosophy of Law and Social Philosophy*. Belo Horizonte: Initia Via. p. 2211-2232.

Teaching

Undergrad courses.....

- *DCP184: Public policy evaluation B*, UFMG, 2025/2.
- *DCP125: Legal Aspects of Public Managament B*, UFMG, 2025/2.

Short courses.....

- *Spatial data analysis*, MQ2 - Intensive Program on Research Methodology, UFMG, 2025.
- *Instrumental reading of multiple regression in Political Science: the bare minimum you need to know to read multiple regression (but were afraid to ask)*, IX Brazilian Forum of Political Science, 2025.
- *Introduction to map making and geoprocessing*, São Paulo State School of Government and SEADE Foundation, 2024.
- *Geostatistics*, São Paulo State School of Government and SEADE Foundation, 2024.
- *Spatial data analysis*, VIII Winter School of Research Methods and Techniques, IESP-UERJ, 2023.
- *Introduction to Statistics*, Modus - Intensive Courses in Research Methodologies for Social Sciences, Graduate Program of Political Science, UFMG, 2019 and 2021.
- *Introduction to Spatial Data Analysis*, Faculty of Philosophy and Human Sciences, UFMG, 2017.
- *Introduction to R*, UFMG's Law School, 2017 (co-taught with Fernando Meireles).

Workshops.....

- *Spatial data analysis*, MAPE-IESP: training in research methods, 2025.
- *Electoral Maps using R*, 19th International Congress of Investigative Journalism (Abraji), 2024 (with Marco Faganello, Cedric Antunes, and Cecilia do Lago).
- *Electoral Maps using R*, 8th Brazilian Conference on Data Journalism and Digital Methods, 2023 (with Marco Faganello and João Victor Guedes-Neto).
- *Introduction to R*, 7th Brazilian Conference on Data Journalism and Digital Methods (Coda.BR), 2022 (with Ana Carolina Moreno).
- *The use of maps in Political Science*, workshop at the VIII Seminar of Political Science and International Relations, UFPE, 2019.