

# Curriculum Vitae/Resume

## Guilherme Jardim Duarte

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### Research Interests

- Substantive: Legislative Studies, Elections, Latin American Politics, Judicial Politics
- Methodological: Bayesian Data Analysis, Multilevel Models, Causal Inference, Statistical Learning

### Education

- Doctorate in Law, University of São Paulo, 2017. Thesis: *De Jure and De Facto Judicial Independence of Supreme and Constitutional Courts: a Comparative Study*
- BA in Law, State University of São Paulo, 2010.

### Publications

#### Peer-Reviewed Articles

- [congressbr: An R Package for Analysing Data from Brazil's Chamber of Deputies and Federal Senate](#). Forthcoming. Joint with Robert McDonnell and Danilo Freire. *Latin American Research Review*, 2019, 54 (2).
- [Inovation in the teaching of quantitative methods in Political Science: application of an activity-based model](#). Joint with Lorena Guadalupe Barberia, Danilo Praxedes Barbosa, Samuel Godoy, and José Radamés Marques *Agenda Política*, 2014, 2 (2).

#### Working Papers and Presentations

- Measuring Support For the Government in the Brazilian Congress: a Bayesian IRT Approach. Presented at Latin American Polmeth. Bogotá. 2018
- How Many Justice Does it Take to Control the Court? A New Formal Argument for Understanding Judicial Independence. Presented at MPSA Conference. Chicago. 2018.
- [Class actions in Brazil: proceeding, trial, and execution of collective rights.](#), A research project sponsored by National Justice Council (CNJ). Produced by Brazilian Public Law Association (SBDP). 2017.
- Corruption and Personal Ability in Brazilian Legislative-Executive Relations. Joint with Rodrigo Burgarelli. Presented at APSA Conference. Philadelphia. 2016.
- [The justice system in Brazilian Political Science: a literature review](#). Joint with Thiago Moreira, Natália Pires, and Rodrigo Martins. 2015.

### Software

- [congressbr](#). R package that returns tidy data from the APIs of the Brazilian Federal Senate and Chamber of Deputies. Joint with Robert McDonnell and Danilo Freire.

## Teaching

- Coordinator, [How to cover artificial intelligence and understand its impact on journalism](#). MOOC. Knight Center for Journalism in the Americas - University of Texas at Austin. 2018.
- Teaching Assistant, [Refresher Course in Mathematics](#). Professor Glauco Peres da Silva, IPSA-USP Summer School, 2015.
- Teaching Assistant, [Mathematics for Social Scientists](#). Professor Glauco Peres da Silva, IPSA-USP Summer School, 2014.
- Teaching Assistant, Methods in Social Sciences III (Undergraduate). Professor Lorena Guadalupe Barberia, USP – Department of Political Science, 2013.

## Skills

### *Software*

- R, python, javascript, d3.js, SQL, Stan, c++, Git/Github, Linux, tensorflow, keras,  $\LaTeX$ , Elasticsearch, MongoDB, haskell.

### *Languages*

- Portuguese (native), English (fluent), Spanish (intermediate)

## Professional Service

- Data Editor: News website Jota, 2017–2019.
- Data Scientist: Itaú Bank, 2017.
- Data Scientist: Newspaper *O Estado de S. Paulo*. 2015-2017.

## References

- Fernando Limongi. Professor, EESP-FGV. Email: [fernando.limongi@fgv.br](mailto:fernando.limongi@fgv.br)
- Lorena Barberia. Professor, Department of Political Science. University of Sao Paulo. Email: [lorenabarberia@usp.br](mailto:lorenabarberia@usp.br)
- Rogerio Arantes. Professor, Department of Political Science. University of Sao Paulo. Email: [rarantes@usp.br](mailto:rarantes@usp.br)

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