

Guilherme Jardim Duarte

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Research Interests

Substantive: Legislative Studies, Elections, Brazilian Politics, Judicial Politics

Methodological: Causal Inference, Bayesian Data Analysis, 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.

Lecturer, R Programming for Empirical Legal Research (Undergraduate). Department of Legal Philosophy and Legal Theory, USP, 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)

Selected Additional Training

Metric Spaces. Institute of Mathematics and Statistics. University of São Paulo, 2018.

Statistical Mechanics: Algorithms and Computations, École normale supérieure on Coursera, 2018.

Deep Learning Specialization, Coursera, 2017-2018.

Data Science Specialization, John Hopkins University on Coursera, 2015.

Time Series Analysis and Pooled Time Series Analyses, IPSA Summer School, 2014

Awards

[Pulitzer Prize for Explanatory Reporting](#). 2017. *The Panama Papers*. [Reporter](#)

[Data Journalism Awards – Investigation of the Year](#). 2016. *The Panama Papers*. [Reporter](#)

Professional Service

Data Editor: News website Jota, 2017–current.

Data Scientist: Itaú Bank, 2017.

Data Scientist: Newspaper *O Estado de S. Paulo*. 2015-2017.

Data Scientist: Brazilian Association of Jurimetrics. 2014-2015.

References

Fernando Limongi. Professor, EESP-FGV. Email: fernando.limongi@fgv.br

Lorena Barberia. Professor, Department of Political Science. University of Sao Paulo. Email: lorenabarberia@usp.br

Rogério Arantes. Professor, Department of Political Science. University of Sao Paulo. Email: rarantes@usp.br

José Roberto de Toledo. Editor, Piauí Magazine. Email: zerotoledo@gmail.com

Glauco Peres da Silva. Professor, Department of Political Science. University of Sao Paulo. Email: glauco.p.silva@gmail.com

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