

Andre Assumpcao

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Education

- The University of North Carolina at Chapel Hill (UNC Chapel Hill)** — Ph.D., M.A. 2015 — 2020
Concentration: Empirical Legal Studies and Political Economy of Development
- Getulio Vargas Foundation (FGV)** — M.P.P. *with honors* 2010 — 2012
Concentration: Economics of Corruption; Political Economy; Public Economics
- The State University of Campinas (UNICAMP)** — B.A. 2004 — 2008
Concentration: Applied Microeconomics

Research

Working Papers

1. Electoral Crime Under Democracy: Information Effects from Judicial Decisions in Brazil
(available [here](#))
2. Judicial Favoritism of Politicians: Evidence from Small Claims Courts
(with Julio Trecenti; available [here](#))
3. Markets for Visas: A Radical and Fair Solution to Immigration
(available [here](#))

In preparation

4. Active and Passive Transparency in Brazilian Municipalities
(with Brigitte Seim)
5. Lessons from 80 years of change in occupational tasks in the U.S. (1939-2018)
(with Ljubica Nedelkoska, Shreyas Matha, Dario Diodato, James McNerney, Frank Neffke)

Peer-Reviewed

1. (in Portuguese) Engenharia e Construção: Quais Variáveis Contribuem para o Sucesso dos Projetos Executados atualmente no Brasil? Gestão e Produção, vol. 21(1), 2014
(available [here](#))

Unpublished Manuscripts

1. Estimating the Effect of Discretionary Spending on Government Performance: Evidence from Brazilian Municipalities
(with Ciro Biderman and George Avelino; available [here](#))

Professional Experience

Post-Doctoral Fellow — Harvard Kennedy School	Jun 2020 — May 2021
Graduate Research and Teaching Assistant — UNC Chapel Hill	Jul 2015 — May 2020
Summer Research Intern — The Brookings Institution	Jun 2016 — Aug 2016
Economics Officer — U.K. Foreign, Commonwealth & Development Office	Apr 2013 — Jul 2015
Previous Experiences Omitted	Prior to April 2013

Awards, Funding, and Independent Consulting

Consulting for the Brazilian Office of the Open Knowledge Foundation Currently applying natural language processing techniques to extract, process, and analyze text of local government gazettes in Brazil. Role also includes creating search engine and data visualization tools in 2021. A sample of the work is available at: https://github.com/okfn-brasil/querido-diario-toolbox	Oct 2020 — Apr 2021
Won National Award partnering with the Brazilian Association of Jurimetrics (ABJ) Working with colleagues at ABJ, won national competition held by the National Council of Justice (CNJ) to structure and analyze court data from all 92 state, federal, labor, military, and electoral courts in Brazil. The winning dashboard is available at: https://github.com/abjur/inovaCNJ	Nov 2020
Consulted for the Brazilian Association of Investigative Reporting (ABRAJI) Structured the data feeding ABRAJI's portal containing all lawsuits filed against Brazilian politicians since 2014. Work involved connection to data API, merging court data with various other public data, and text analysis to match plaintiffs and claimants to candidates running for elected office. The portal and underlying code are respectively available at: https://publique-se.org.br https://github.com/abraji/publique_se	Oct 2019 — Oct 2020
Institute for Humane Studies Dissertation Funding (\$8,000)	2017, 2018, and 2019
UNC Public Policy Summer Fellowship (\$4,000)	2018
UNC Graduate School Summer Fellowship (\$4,000)	2017
Weiss Urban Livability Fellowship, UNC Graduate School (\$4,000)	2015 — 2016
UNC Nancy F. Stegman Fellowship (\$3,000)	2015

Software

querido-diario-toolbox	Python module to perform text extraction, processing, and analysis of local government gazettes in Brazil.
keywordextraction	Python module to perform keyword extraction from any text document using TF-IDF, WordRank, and Word Embedding methods.
textfind	Stata command to do descriptive analysis of keywords in text documents.
emailToEvent	AppleScript program to create iCal events from Outlook and Mail in OS devices.

Skills & Abilities

Programming / Markup / Data API

Python, R, Stata
HTML, CSS, Markdown, Git
Javascript (basic)
SQL, Spark, Hadoop (basic)

Research Methods

Causal Inference
Experimental Design
Statistical / Machine Learning
Natural Language Processing (NLP)

References

Brigitte Seim (dissertation advisor)
Assistant Professor
Peter Thacher Grauer Fellow
Department of Public Policy
The University of North Carolina at Chapel Hill
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Daniel P. Gitterman
Duncan MacRae '09 and Rebecca Kyle MacRae Professor
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