Andrés Castro-Araújo

Data Scientist, Computational Social Scientist

🎓 Education

2019

Columbia University
M.A. Quantitative Methods in the Social Sciences 📍 New York, NY, USA

Thesis: Ideal-point estimation of political ideology in Twitter networks

2016

Universidad del Rosario
M.S. in Sociology 📍 Bogotá, Colombia

2015

Universidad del Rosario
B.S. in Economics 📍 Bogotá, Colombia

💼 Professional Experience

Present
|
2019

Data Scientist
TBWA/Chiat/Day 📍 New York, NY, USA

I use diverse sources of information for a variety of tasks that include, but are not limited to, predictive modeling, text mining, data visualization, and rapid prototyping of data products using R Shiny.

2017

Research Assistant
Columbia University 📍 New York, NY, USA

Collected, analyzed, and visualized publicly available data on corruption practices in Latin America. Supervised by professor Paul Lagunes.

2017
|
2015

Researcher
Center for Law, Justice, and Society - Dejusticia 📍 Bogotá, Colombia

Conducted research on fiscal policy, taxes, and their role towards the advancement of socio-economic rights.

Wrote policy briefs that assessed the compliance of state parties to the United Nation's International Covenant on Economic, Social, and Cultural Rights.

2014

Public Policy Intern
Department of National Planning 📍 Bogotá, Colombia

Assisted in a variety of public policy evaluations, using common causal inference techniques such as randomized controlled trials, matching on propensity scores, differences-in-differences, and instrumental variables.

Contact Info

✉ acastroaraujo@gmail.com

in andres-castro-araujo

○ github.com/acastroaraujo/

🌐 New York, NY, USA

📞 +1 (718) 360-6862

Skills

Programming

- R
- Stan
- Python
- SQL

Data Analysis

- Regression Modeling
- Data Visualization
- Bayesian Statistics
- Social Network Analysis
- Causal Inference
- Machine Learning
- Natural Language Processing

Last updated on August 30, 2019.

👥 Teaching Experience

2016 **Introduction to Statistics**
Universidad del Rosario   📍 Bogotá, Colombia

2017 **Economy & Society**
Universidad del Rosario   📍 Bogotá, Colombia

📄 Selected Publications

2019 **The Power behind Numbers: Statistical Visibility and Inequality in Colombia and the Dominican Republic**
Dejusticia Series (available in spanish here)
Andrés Castro Araújo

2019 **The State of Corruption in Latin America**
Baker Institute Report
Paul Lagunes, Xiaoxuan Yang & *Andrés Castro Araújo*

2019 **Bridging the Gap: The Evolving Doctrine on ESCR and Maximum Available Resources**
The Future of Economic and Social Rights, Cambridge University Press
Rodrigo Uprimny, Sergio Chaparro H. & *Andrés Castro Araújo*

2017 **Política fiscal y derechos humanos en Colombia: hacia una perspectiva integrada**
Revista de la Defensa Pública de la Ciudad de Buenos Aires
Sergio Chaparro H. & *Andrés Castro Araújo*