

Andrés Castro-Araújo



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**
B.A. in Sociology 📍 Bogotá, Colombia
Thesis. Colombian economists and the problem of "inequality"
- 2015 • **Universidad del Rosario**
B.A. in Economics 📍 Bogotá, Colombia
Capstone project. The use of experiments, quasi-experiments, and structural models in public policy evaluations



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, natural language processing, 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](https://www.linkedin.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 March 12, 2020.

2015
|
2011



Translator

International Sociological Association

📍 Bogotá, Colombia

English to Spanish translator for [Global Dialogue](#), the ISA's electronic magazine.



Scholarships

2020



RStudio Diversity Scholarship

📍 San Francisco, CA, USA

2017



Pasaporte a la Ciencia Scholarship

Awarded by the *Administrative Department of Science, Technology and Innovation* (Colciencias)

📍 Bogotá, Colombia



Teaching Experience

2017



Economy & Society

Universidad del Rosario

📍 Bogotá, Colombia

2016



Introduction to Statistics

Universidad del Rosario

📍 Bogotá, Colombia



Selected Publications

2019



The Power behind Numbers: Statistical Visibility and Inequality in Colombia and the Dominican Republic ([online version](#))

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