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## ANDRÉS CASTRO ARAÚJO

### education

Ph.D. Sociology, Duke University, *In progress*.  
Dissertation Committee: Kieran Healy, Martin Ruef, Stephen Vaisey, & Craig Rawlings.  
M.A. Sociology, Duke University, 2023.  
M.A. Quantitative Methods in the Social Sciences, Columbia University, 2019.  
B.A. Sociology, Universidad del Rosario, 2016.  
B.A. Economics, Universidad del Rosario, 2015.

### interests

Organizations, Law, Automation, Culture, Cognition, Computational Social Science

### publications

#### *Peer-Reviewed Articles*

Andrés Castro Araújo & Nicolás Restrepo Ochoa. 2025. “How to Make a Functionalist Argument.” *Sociological Science*, 12(20), 456–485.

[Print](#).

Aidan Combs, Graham Tierney, Fatima Alqabandi, Devin Cornell, Gabriel Varela, Andrés Castro Araújo, Lisa Argyle, Alexander Volfovsky, and Christopher A. Bail. 2023. “Perceived gender and political persuasion: a social media field experiment during the 2020 US Democratic presidential primary election.” *Nature Scientific Reports*. 14051

[Print](#).

#### *Working Papers*

Andrés Castro Araújo. 2025. “The Authority of Abstractions.”

[arXiv](#) [Print](#).

#### *In Progress*

Andrés Castro Araújo. “An Ecology of Rulings.”

Andrés Castro Araújo. “Innovation in Constitutional Decision-Making.”

Andrés Castro Araújo & Braulio Güémez Graniel. “Categories in Flux: A Formal Model of Social Classification.”

#### *Other Publications*

Andrés Castro Araújo. 2019. “El poder detrás de un número. Visibilidad estadística y desigualdad en Colombia y República Dominicana.” In: *¿Cómo pensar la desigualdad desde los derechos humanos?* Siglo XXI Editores  
[Print.](#)

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

Andrés Castro Araújo, Paul Lagunes, and Xiaoxuan Yang. “Un alcance de la integridad estatal en América Latina.” 2019. *Redes*  
[Print.](#)

Paul Lagunes, Xiaoxuan Yang, and Andrés Castro Araújo. “The State of Corruption in Latin America.” 2019. *Baker Institute Report*  
[Print.](#)

#### conference presentations

“An Ecology of Rulings”

—Annual Meeting of the American Sociological Association, August 2025.

“Categories In Flux: Membership Change and Compositional Effects”

—Annual Meeting of the International Network of Analytical Sociology, June 2025.

“Innovation in Constitutional Decision-Making”

—UNC-Duke Student Conference, February 2025.

“Functionalist foundations for problem-solving sociologists.”

—Annual Meeting of the American Sociological Association, August 2024.

“Proper Functions in Society: Selectionist Arguments in Sociology.”

—On Purpose Philosophy Conference, Duke University, May 2024

“How to make functionalist arguments.”

—Annual Meeting of the Southern Sociological Society. April 2024.

#### software

*R Packages*

[ccc](#) & [cccLLM](#)

—Contains the datasets created for my dissertation work on the Colombian Constitutional Court.

[protoClassification](#)

—Simulates data from prototype models of classification.

[actsims](#)

—Fast implementation of computations related to Affect-Control Theory.

#### teaching

Teaching Assistant

—Data Analysis and Visualization (undergraduate), Duke University, 2025

—Social Theory (undergraduate), Duke University, 2024

—Social Statistics (graduate), Duke University, 2023-2024, ([Part I](#), [Part II](#))

- Markets and Management (undergraduate), Duke University, 2022
- Social Statistics (undergraduate), Duke University, 2022
- Summer Institute in Computational Social Science, Duke University, 2021

#### Instructor

- Economy and Society, Universidad del Rosario, 2017
- Introduction to Statistics, Universidad del Rosario, 2016

#### grants and awards

Vorsanger-Smith Scholar Award, Duke Sociology Department, 2025.  
 Research Grant, Duke Sociology Department, 2025.  
 Summer Research Fellowship, Duke Graduate School, 2020, 2021.  
 Pasaporte a la Ciencia, awarded by Colciencias (Bogotá), 2017.

#### profession

<i>Membership</i>	American Sociological Association
<i>Reviewer</i>	American Journal of Sociology, <i>Análisis Político</i>

#### professional experience

<i>Data Scientist</i>	TBWA/Chiat/Day, 2019-2020
<i>Researcher</i>	Center for Law, Justice, and Society — Dejusticia, 2015-2017
<i>Translator</i>	International Sociological Association, 2011-2015