






MIREIA TRIGUERO ROURA

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EDUCATION

Columbia University, New York <i>Ph.D. in Sociology</i>	<i>Sept 2017 - May 2024</i>
Columbia University, New York <i>M.A. in Sociology</i>	<i>Sept 2017 - Dec 2019</i>
New York University, New York <i>M.A. in Journalism and International Relations</i> Thesis: The Forgotten Plight of the Rohingya in Malaysia	<i>Sept 2014 - May 2016</i>
Universitat Pompeu Fabra, Barcelona <i>B.A. in Humanities</i>	<i>Sept 2009 - July 2013</i>

TECHNICAL SKILLS

Programming Languages:	R, Python, Stan, SQL, JavaScript, HTML, CSS
Natural Languages:	Catalan, Spanish, English, French
Other skills:	GCP, Git, causal inference, Bayesian statistics

PUBLICATIONS

Peer-reviewed:

- 2023 **Triguero Roura, Mireia**. “Visualizing Beliefs in Biological Racial Difference and Ordering across Europe”, *Socius: Sociological Research for a Dynamic World* [[link](#)]
- 2022 Jiang, Julie, Ron Dostch, **Mireia Triguero Roura**, Yozen Liu, Vitor Silva Souza, Maarten Bos and Francesco Barbieri. “Reciprocity, Homophily, and Social Network Effects in Pictorial Communication: A Case Study of Bitmoji Stickers.” To appear at *The ACM CHI Conference on Human Factors in Computing Systems (CHI '23)*. [[link](#)]
- 2022 **Triguero Roura, Mireia**. “Racism without race: Reconstructing race through culture in Spanish social-science textbooks,” *Ethnic and Racial Studies* [[link](#)]

Under Review:

- 2023 **Triguero Roura, Mireia**. “Colorblind ethnocentrism: How ancestry and race continue to define Western national identities”
- 2022 **Triguero Roura, Mireia**. “Threatening for whom? National boundary-making, immigration, and support for the welfare state”
- 2023 **Triguero Roura, Mireia**, Maarten Bos, Francesco Barbieri, Julie Jiang, Yozen Liu and Ron Dotsch. “The Ties that Bind: Online Pictorial Communication Reveals Cultural Boundaries In the World”
- 2023 Peters, Heinrich, Maarten Bos, **Mireia Triguero Roura**, Yozen Liu, Sandra Matz, and Ron Dotsch. “Understanding the Determinants of Message Response Behaviors.”
- 2022 Jones, James J. and **Mireia Triguero Roura**. “Inequality under the Dome: Racial disparities in Congress.”

2022 Reich, Adam and **Mireia Triguero Roura**. “The Market for a Criminal Record.”

Working papers:

Triguero Roura, Mireia. “Unbiased Causal Estimates in Panel Data with Bayesian Additive Trees.”

Triguero Roura, Mireia. “Social media, language, and politics: What language do people use to make arguments about undocumented immigrants?”

Triguero Roura, Mireia and Joanna Chae. “Causal Effect of Police Violence on 911 calls.”

RELEVANT WORK EXPERIENCE

Columbia University

Lead Instructor

Sept 2022 - May 2024

- Created all new lab materials for first year Ph.D. Social Data Analysis lab sequence (companion class to Social Data Analysis lecture).
- Taught a weekly 2-hour grad-level lab on using R, statistics, data wrangling and data visualization, and causal inference.

Snap

Research Intern

May 2022 - Dec 2022; May 2023 - Aug 2023

- Conducted and led a research project as part of the Computational Social Science team, as well as collaborated with other team research efforts.
- Co-authored three different academic papers (one as lead author).
- Developed an R package to properly estimate multilevel, dyad data with large datasets in a regression framework.
- Trained embedding models to extract latent cultural preferences across users and used machine learning classification techniques to understand how different users relate to each other in their communication styles.

James R. Jones, Princeton/Rutgers

Research Assistant

February 2020 - May 2022

- Cleaned and restructured pay-roll data for statistical analysis
- Statistical analysis of data and creation of weekly data visualization and memos for non-technical audiences.

Columbia University

Teaching Assistant

Sept 2018 - May 2021

- Taught undergrad-level sections and graded for Methods for Social Science (taught interviews, ethnography, experiments, and survey design), Global Urbanism, and Work and Gender.

GRANTS AND FELLOWSHIPS

National Science Foundation: Doctoral Dissertation Research Improvement Grant (\$16,000) 2022

Columbia Experimental Laboratory for Social Science, Dissertation Research Grant (\$4,000) 2022

Paul F. Lazarsfeld Fellowship *Sept 2017 - May 2023*

Gender, Society and Culture workshop at Columbia, Small Research Grants (\$2,000)	2021 - 2022
Columbia Sociology Small Research Grants (\$2,500)	2018 - 2021
Race, Ethnicity and Migration workshop at Columbia, Small Research Grants (\$1,150)	2021
Columbia Experimental Laboratory for Social Science, Experiment Pilot Grant (\$540)	2020
Fulbright Fellowship	Sept 2014 - May 2016
Global Cities UPF-UCLA Fellowship	June 2012 - Sept 2012
Aurora Bertrana Fellowship	Jan 2012 - May 2012

CONFERENCE TALKS

“Race and Nation: Examining the Consequences of a Racialized Imagined Community” <i>Annual Conference of the American Sociological Association</i>	August 2023
“Race and Nation: Examining the Consequences of a Racialized Imagined Community” <i>29th Annual Conference of the Council of European Studies</i>	June 2023
“Race, National Identity, and Support for the Welfare State.” <i>27th Annual Conference of the Council of European Studies</i>	June 2021
“Incarceration, Employment, and Earnings: A Re-examination Across Two Cohorts.” <i>(cancelled)</i> <i>Annual Conference of the American Sociological Association</i>	August 2020
“The Ghost of Race: Reconstructing Race Through Culture in Spanish Textbooks” <i>25th Annual Conference of the Council for European Studies</i>	June 2019
“The Ghost of Race: Reconstructing Race Through Culture in Spanish Textbooks” <i>Race, Ethnicity and Migration Workshop, Columbia University</i>	Dec 2019

RELEVANT COURSEWORK

Advanced Regression and Multilevel modeling, Causal Inference for Social Science, Modern Statistics for Data Science, NLP and Sentiment Analysis

SERVICE

Reviewer and workshop coordinator for the ISERP Interdisciplinary Graduate Student Seminar; Co-creator and organizer of the Columbia Sociology Stats Lab.