MIREIA TRIGUERO ROURA

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EDUCATION

Columbia University, New York   *Sept 2017 - May 2024*
Ph.D. in Sociology

Columbia University, New York   *Sept 2017 - Dec 2019*
M.A. in Sociology

New York University, New York   *Sept 2014 - May 2016*
M.A. in Journalism and International Relations
Thesis: The Forgotten Plight of the Rohingya in Malaysia

Universitat Pompeu Fabra, Barcelona   *Sept 2009 - July 2013*
B.A. in Humanities

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" (R&R at *European Sociological Review*)

2023   **Triguero Roura, Mireia**, Maarten Bos, Francesco Barbieri, Julie Jiang, Yozen Liu and Ron Dotsch. "The Ties that Bound: Online Pictorial Communication Reveals Cultural Boundaries In the World"

2023   Peters, Heinrich, Ron Dotsch, **Mireia Triguero Roura**, Yozen Liu, Sandra Matz, and Maarten Bos. "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.
- Worked using R, Python and SQL

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"   *August 2023*
Annual Conference of the American Sociological Association

"Race and Nation: Examining the Consequences of a Racialized Imagined Community"   *June 2023*
29th Annual Conference of the Council of European Studies

"Race, National Identity, and Support for the Welfare State."   *June 2021*
27th Annual Conference of the Council of European Studies

"Incarceration, Employment, and Earnings: A Re-examination Across Two Cohorts."   *August 2020*
(cancelled)
Annual Conference of the American Sociological Association

"The Ghost of Race: Reconstructing Race Through Culture in Spanish Textbooks"   *June 2019*
25th Annual Conference of the Council for European Studies

"The Ghost of Race: Reconstructing Race Through Culture in Spanish Textbooks"   *Dec 2019*
Race, Ethnicity and Migration Workshop, Columbia University

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.