






# MIREIA TRIGUERO ROURA

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## EDUCATION

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

## TECHNICAL SKILLS

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

## PUBLICATIONS

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### 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, 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

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### **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

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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	<i>Sept 2017 - May 2023</i>
Gender, Society and Culture workshop at Columbia, Small Research Grants (\$2,000)	<i>2021 - 2022</i>
Columbia Sociology Small Research Grants (\$2,500)	<i>2018 - 2021</i>
Race, Ethnicity and Migration workshop at Columbia, Small Research Grants (\$1,150)	<i>2021</i>
Columbia Experimental Laboratory for Social Science, Experiment Pilot Grant (\$540)	<i>2020</i>
Fulbright Fellowship	<i>Sept 2014 - May 2016</i>
Global Cities UPF-UCLA Fellowship	<i>June 2012 - Sept 2012</i>
Aurora Bertrana Fellowship	<i>Jan 2012 - May 2012</i>

## CONFERENCE TALKS

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

## RELEVANT COURSEWORK

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

## SERVICE

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