

Lily Medina

CONTACT INFORMATION	<code>lily.medina@berkeley.edu</code> <code>https://lilymedina.github.io</code>
EDUCATION	<ul style="list-style-type: none">- Ph.D. Political Science, University of California, Berkeley2021 M.A. Political Science, University of California, Berkeley2017 M.S. Statistics, Humboldt Universität zu Berlin2011 B.S. Industrial Engineering, Universidad de Los Andes, Colombia
DISSERTATION PROJECT	<i>With or Without the State: Understanding the Origins and Effects of Militias in Civil War.</i>
PUBLICATIONS	<i>Civilian Attitudes towards Traditional and State Authorities: Substitutes or Complements?</i> with P Windt, M Humphreys, J Timmons, and M Voors. <i>Comparative Political Studies</i> . 1-31 (2018).
ONGOING PROJECTS	<p><i>(Class) Disparities in Policing.</i> (Single-author paper).</p> <p><i>Making, Updating, and Querying Causal Models using CausalQueries</i> with T Tietz, G Syunyaev, and M Humphreys, <i>Submitted to: Journal of Statistical Software</i>. (2024).</p> <p><i>Ethnic Identification and Ethnic Deception: Experimental Evidence from Uganda, South Africa, and the United States</i> with A Harris, D Nielson, C Bicalho, M Findley, J Weinstein, J Habyarimana, M Humphreys, and D Posner.</p> <p><i>Formalising theories of change as Bayesian causal models and eliciting expert priors over model parameters: lessons from UPAVAN</i> with C Davey, M Humphreys, A Jacobs, M Juden, T Mapuwei, H Mwambi, and T Tietz.</p> <p><i>Marching for Change: Quantifying the Effects of Women's Rights Protests on Legislation and Femicide in Latin America</i> with J Reyes</p>
GRANTS	<p>2025 CEGA Spring 2025 Development Economics Challenge. <i>With or Without the State: Understanding the Origins and Effects of Militias in Civil War.</i> <i>Amount Awarded:</i> \$4,900.</p> <p>2023 The John L. Simpson ABD Research Fellowship in International & Area Studies. <i>Outsourcing Coercion: The Emergence of State-Sponsored Militias in Colombia.</i> <i>Amount Awarded:</i> \$10,486.</p> <p>2023 Tinker Field Research Grant <i>Outsourcing Coercion: The Emergence of State-Sponsored Militias in Colombia.</i> <i>Amount Awarded:</i> \$2,500.</p>
TEACHING	<p>2024 (PhD level) Quantitative Analysis in Political Research for Erin Hartman (UC Berkeley)</p> <p>2023 Instructor for the Institute for Qualitative and Multi-Method Research (IQMR) Module: Causal Inference with Causal Models with Alan Jacobs</p> <p>2023 Graduate Student Instructor for Introduction to Comparative Politics for Pradeep Chhibber (UC Berkeley)</p> <p>2022 Graduate Student Instructor for Introduction to Quantitative Methods for Jason Wittenberg (UC Berkeley)</p> <p>2022 Graduate Student Instructor for Introduction to Comparative Politics for Pradeep Chhibber (UC Berkeley)</p>

	2022	Instructor for the Institute for Qualitative and Multi-Method Research (IQMR) Module: Causal Inference with Causal Models with Alan Jacobs
	2022	Instructor for the Learning Days Workshop of the Evidence in Governance and Politics (EGAP) Modules: Randomization Inference and Randomization
	2021	Instructor for the Institute for Qualitative and Multi-Method Research (IQMR) Module: Causal Inference with Causal Models with Alan Jacobs
	2021	Graduate Student Instructor for the Learning Days Workshop of the Evidence in Governance and Politics (EGAP) Module: Randomization
RESEARCH EMPLOYMENT	2019	Research Consultant, Wageningen University
	2017-2019	Predoctoral Research Fellow, WZB Berlin Social Science Center
NON-ACADEMIC EMPLOYMENT	2016-2017	Research Assistant, Humboldt Universitat Germany,
	2010-2012	Finance Analyst, Ajoever, Colombia
	2009-2010	Intern, Davivienda, Colombia
	2009	Research Assistant, Universidad de Los Andes, Colombia
PUBLISHED SOFTWARE		<i>CausalQueries</i> , R statistical package using Bayesian methods for generating inference on causal queries from structural models with M Humphreys and A Jacobs.
		<i>DesignLibrary</i> , R statistical package for quickly simulating canonical research designs with G Blair, J Cooper, A Coppock, M Humphreys, C Correia, and N Fultz.
CODE	Statistical:	R, Stan, Stata (beginner)
	Typesetting:	Markdown, Knitr, L ^A T _E X
	General-Purpose:	Java, C++ (beginner)
LANGUAGES	Spanish:	Native speaker
	English:	Fluent
	German:	Fluent
REFERENCES		Alison Post, University of California, Berkeley Email: aepost@berkeley.edu
		Scott Strauss, University of California, Berkeley Email: sstrauss@berkeley.edu