

# Lily Medina

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CONTACT INFORMATION	<code>lily.medina@berkeley.edu</code> <code>https://lilymedina.github.io</code>
EDUCATION	<ul style="list-style-type: none"><li>- Ph.D. Political Science, University of California, Berkeley</li><li>2021 M.A. Political Science, University of California, Berkeley</li><li>2017 M.S. Statistics, Humboldt Universität zu Berlin</li><li>2012 B.S. Industrial Engineering, Universidad de Los Andes, Colombia</li></ul>
DISSERTATION PROJECT	<i>Legal Militias: The Case of Convivir Groups in Colombia</i>
PUBLICATIONS	<p><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).</p> <p><i>Making, Updating, and Querying Causal Models using CausalQueries</i> with T Tietz, G Syunyaev, and M Humphreys, <i>Conditionally accept in the: Journal of Statistical Software</i>. (2025).</p>
ONGOING PROJECTS	<p><i>(Class) Disparities in Policing</i>. (Single-author paper).</p> <p><i>Youth Political Participation in Manizales, Colombia</i> with P Rode and N da Cruz</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> <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>
GRANTS	<p>2025 CEGA Spring 2025 Development Economics Challenge. With or Without the State: Understanding the Origins and Effects of Militias in Civil War. <i>Amount Awarded</i>: \$4,900.</p> <p>2023 The John L. Simpson ABD Research Fellowship in International &amp; Area Studies. Outsourcing Coercion: The Emergence of State-Sponsored Militias in Colombia. <i>Amount Awarded</i>: \$10,486.</p> <p>2023 Tinker Field Research Grant Outsourcing Coercion: The Emergence of State-Sponsored Militias in Colombia. <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>

	2022	Graduate Student Instructor for Introduction to Quantitative Methods for Jason Wittenberg (UC Berkeley)
	2022	Graduate Student Instructor for Introduction to Comparative Politics for Pradeep Chhibber (UC Berkeley)
	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 <sup>A</sup> T <sub>E</sub> X
	General-Purpose:	Java, C++ (beginner)
LANGUAGES	Spanish:	Native speaker
	English:	Fluent
	German:	Conversational
REFERENCES		Alison Post, University of California, Berkeley Email: aepost@berkeley.edu
		Scott Strauss, University of California, Berkeley Email: sstrauss@berkeley.edu