

Eddie Yang

Email: z5yang@ucsd.edu

Website: eddieyang.net

EDUCATION

University of California, San Diego

Ph.D., Political Science

2018-

Dissertation Committee: Margaret Roberts (chair), Claire Adida, Ruixue Jia, Kirk Bansak (Berkeley), David Lake

University of Chicago, M.A.

2017

University of California, Los Angeles, B.A.

2016

ACADEMIC AFFILIATIONS

Stanford University

Pre-Doctoral fellow, Institute for Human-Centered Artificial Intelligence (HAI) and Center on Democracy, Development and the Rule of Law (CDDRL) 2022-2023

WORK EXPERIENCE

Research Intern, Microsoft Research, United States

Summer 2022, Summer 2023

Data Science Intern, China

Summer 2021

RESEARCH

Publication

1. “Hierarchically Regularized Entropy Balancing” (with Yiqing Xu). 2022, *Political Analysis*.
2. “Censorship of Online Encyclopedias and its Political Effect on NLP Models” (with Margaret E. Roberts). 2021, *ACM FAccT*.
 - Best Student Paper Award

Working Papers

1. “The Digital Dictator’s Dilemma”
2. “Automated Repression: Ethnic Discrimination in AI-assisted Criminal Sentencing in China”
3. “The Impact of U.S.-China Tensions on U.S. Science” (with Ruixue Jia, Margaret E. Roberts, Ye Wang). *Revise and Resubmit, Proceedings of the National Academy of Sciences*
4. “The Authoritarian Data Problem: How the Politics of Data Shapes AI” (with Margaret E. Roberts). *Invited Contribution, Journal of Democracy*
5. “Filtering Technologies and the Fairness of Natural Language Systems” (with Hanna Wallach et al.). *Revise and Resubmit, Journal of Online Trust and Safety*
6. “Discovery of Influential Text in Experiments Using Deep Neural Networks” (with Luke Sanford, Margaret E. Roberts, Kevin Li)

STATISTICAL SOFTWARE

powerLATE (with Kirk Bansak): an R package for implementing generalized power analysis for the local average treatment effect (LATE). [CRAN](#)

hbal (with Yiqing Xu): an R package for implementing hierarchically regularized entropy balancing. [CRAN](#)

ebal-py: Python implementation of entropy balancing for binary and continuous treatment. [GitHub](#)

HONORS	External	
	GPEP Predoctoral Fellowship, Georgetown University	2023-2024
	HAI/CDDRL Predoctoral Fellowship, Stanford University	2022-2023
	UCSD	
	IGCC Dissertation Fellowship	2023
	Yankelovich Center Graduate Research Award	2022, 2023
	Data Analytics PhD Fellowship	2021
	Marsha Chandler Fellowship	2020
	Methods Apprenticeship Program	2020
	Sanford Lakoff Fellowship	2020
SERVICE	Manuscript Referee: NeurIPS	
	Mentor, Undergraduate Research Apprenticeship Program, UCSD	2021
	Treasurer, Political Science Graduate Student Council, UCSD	2021
	Organizer, Integrated Research Working Group, UCSD	2019-2020
	Vice President, Association of Hmong Students, UCLA	2016
	Campaign Manager, Students Association Council, UCLA	2016
TEACHING	TA, Text as Data, Spring 2020 (Margaret E. Roberts)	
	TA, Economics, Politics, and International Change, Fall 2019 (Stephan Haggard)	
	TA, Politics in the People's Republic of China, Winter 2018 (Yiqing Xu)	
	TA, How to Win or Lose an Election, Fall 2018 (Nathan Fletcher)	