

Mengsi Gao

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Department of Economics

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EDUCATION

Ph.D. in Economics, UC Berkeley, Berkeley, CA 2025 (expected)
Committee: Bryan Graham (co-chair), Peng Ding (co-chair), Michael Jansson, Demian Pouzo
M.A. in Economics, Duke University, Durham, NC 2019
B.A. in Economics, Zhejiang University, Hangzhou, China 2017

RESEARCH INTEREST

Econometrics, Applied Econometrics

PUBLICATION

1. “[Uniform Nonparametric Inference for Time Series using Stata](#),” with Jia Li and Zhipeng Liao, *Stata Journal*, Vol.20(3), 2020, pp. 706–721.
2. “[Inference under covariate adaptive randomization with imperfect compliance](#),” with Federico A. Bugni, *Journal of Econometrics*, Vol.237(1), 2023.

WORKING PAPER

1. “[Endogenous Interference in Randomized Experiments](#).”
2. “[Causal inference in network experiments: regression-based analysis and design-based properties](#),” with Peng Ding. Revise & Resubmit at *Journal of Econometrics*.
3. “[Identification and Inference on Treatment Effects under Covariate-Adaptive Randomization and Imperfect Compliance](#),” with Federico Bugni, Filip Obradovic, and Amilcar Velez. Submitted.
4. “[On the power properties of inference for parameters with interval identified sets](#),” with Federico Bugni, Filip Obradovic, and Amilcar Velez. Submitted.

WORK IN PROGRESS

1. “Misspecified Regressions with Mixed Regressors”, with Peng Ding.

SEMINAR AND CONFERENCES

- 2024-2025 California Econometrics Conference, Peking University GSM, UC Berkeley Econometrics Seminar, ASSA 2025 Annual Meeting, Emory (QTM), University of Pennsylvania, Texas A&M University, Tulane, Duke, USC, WashU, Rutgers, CAMSE-CLIMB Mini-Conference, UC Davis (scheduled)
- 2023-2024 UC Berkeley Econometrics Seminar, Zhejiang University (School of Economics & Center for Data Sciences), East China Normal University (School of Statistics)

TEACHING

- Tutor/Teaching Assistant, Department of Economics, U.C. Berkeley Fall 2019–Spring 2024
 - Graduate Econometrics, Advanced Econometrics, Intermediate Econometrics
- Teaching Assistant, Department of Economics, Duke University Spring 2019
 - Graduate Game Theory

HONORS & SCHOLARSHIPS

- U.C. Berkeley Dissertation Completion Fellowship 2024
- Department of Economics Master’s Program Award for Academic Excellence 2019
- Duke University M.A. Merit Scholar Spring 2018, Fall 2018
- Duke Economics Master’s Scholar 2017–2019

ACADEMIC SERVICE

- JOURNAL REFEREE SERVICE:
 - Journal of Econometrics, Journal of Business & Economic Statistics, Journal of the American Statistical Association, Journal of Applied Statistics, Journal of Causal Inference, Biometrics
- SEMINAR COORDINATOR:
 - UC Berkeley Econometrics Seminar Series Fall 2021–Spring 2023

COMPUTER SKILLS

Software Python, Stata, R, MATLAB, LaTeX

OTHER INFORMATION

Languages Mandarin (native), English (fluent)
Citizenship China