

JIEYU GAO

3151 Social Science Plaza A, Irvine, CA 92697-5100

📞 765-637-6805 ✉ jieyug1@uci.edu 🌐 gaojieyu.com/

Education

Ph.D. Candidate in Economics, University of California, Irvine Expected Spring 2024

M.A. in Economics, University of California, Irvine Dec. 2019

B.S. in Economics and Applied Statistics ((Dual Degree)), Purdue University 2016

Research Interest

Econometrics, Bayesian Analysis, Simulation, Causal Inference, Discrete Data Models, Nonparametric Statistics

Working Papers

The Impact of Heteroskedasticity in Observational Studies of Causal Effects, with Ivan Jeliazkov

Bayesian Analysis of a Self-selection Model with Multiple Outcomes

Product Pricing with Consumer Learning

Work in Progress

Difference-in-Differences Estimation in the Presence of Heteroskedasticity, with Ivan Jeliazkov

Bayesian Semiparametric Instrumental Variables with Heteroskedasticity, with Ivan Jeliazkov

Bayesian Analysis of Drug and Mental Health Treatment Effects

Bayesian Synthetic Controls, with Ivan Jeliazkov and Shubham Karnawat

Work Experience

Amazon, Bellevue, WA June – Sep. 2023

Economist Intern

- Skills: Python, R, SQL, AWS Redshift, AWS SageMaker, Causal Inference, Machine Learning.

ITaP, Purdue University, West Lafayette, IN June 2016 – May 2018

Emerging IT Leaders

- Skills: SQL, Python, Jupyter Notebook, Data Visualization.

Conference and Seminar Participation

Econometrics Seminar, UC Irvine, 2023

Macroeconomics Brownbag Seminar, UC Irvine, 2023

Economics Annual Poster Session, UC Irvine, 2020, 2021, 2022, 2023

Fellowships

Associate Dean's Fellowship, Spring 2023

Graduate Student Researcher Fellowship (GSR), 2018 - 2019

Teaching Assistant Experience

Statistics for Business Decision Making: Fall 2023

Applied Econometrics I: Winter 2021, Fall 2022, Winter 2023

Applied Econometrics II: Fall 2020, Fall 2021

Econometrics II: Winter 2022

Probability and Statistics ECON I: Summer I 2020

Intermediate Economics III: Spring 2021

Industrial Organization I: Winter 2020

Industrial Organization III, Spring 2020

International Trade and Commercial Policy, Summer II 2021

Global Economy, Fall 2019, Spring 2022

Basic Economics I, Summer II 2020

References

Ivan Jeliazkov (Chair), Associate Professor, Department of Economics, University of California, Irvine. Email: ivan@uci.edu

Yingying Dong, Professor, Department of Economics, University of California, Irvine. Email: yyd@uci.edu

Jiawei Chen, Associate Professor, Department of Economics, University of California, Irvine. Email: jiaweic@uci.edu

David Brownstone, Professor Emeritus, Department of Economics, University of California, Irvine. Email: dbrownst@uci.edu