Yue Fang

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Academic Position

Assistant Professor, The Chinese University of Hong Kong (Shenzhen), Fall 2023 - now.

Education

Ph.D. Economics, University of Southern California, 2023.

B.A. Economics & B.S. Mathematics, Peking University, 2017.

Research Fields

Econometrics, Causal Inference, Policy Learning

Peer-Reviewed Publications

2026+ (including accepted papers)

1. Data-driven policy learning for continuous treatments (with C. Ai and H. Xie). ***Journal of Econometrics***.

2025

2. Model Selection for Multivalued-Treatment Policy Learning in Observational Studies (with J. Xi and H. Xie). ***Journal of Business & Economic Statistics***, 43(4), 897-909.
3. Treatment learning with Gini constraints by Heaviside composite optimization and a progressive method (with J. Liu and J. S. Pang). ***Computational Optimization and Applications***, 92, 471 - 513.

Working Papers

4. Semiparametric Efficiency in Policy Learning with General Treatments (with G. Ridder and H. Xie).
5. Design-based causal inference in bipartite experiments (with S. Lu, L. Shi, W. Zhang and P. Ding).
6. The Exact Variance of the Average Treatment Effect Estimator in Cluster Randomized Controlled Trials (with G. Ridder).

Teaching *(†= Ph.D. level; *= master level; $^{\diamond}$= undergraduate level)*

ECO 3090$^{\diamond}$ *Machine Learning for Financial Economics*, Spring 2025 - 26.

ECO 6130* *Machine Learning in Finance*, Spring 2024 - 26.

ECO 6233† *Econometrics II*, Spring 2024 - 26.