Jiayi Zhang

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Knight Hall 401, 1 Brookings Dr., St. Louis, MO 63130, USA

EDUCATION

- **Washington University in St. Louis** *Jul. 2024 - present*
  Ph.D. in Supply Chain, Operations, and Technology St. Louis, MO, USA
  ◦ Advisor: Prof. Dennis J. Zhang

- **Hong Kong University of Science and Technology** *Sept. 2020 - May 2024*
  B.S.(Honors) in Mathematics and Economics Hong Kong SAR, China
  ◦ First Class Honors

- **University of Notre Dame** *Jan. 2023 - May. 2023*
  Exchange Student South Bend, IN, USA

RESEARCH INTERESTS

Substantive: Digital Platforms and Marketplaces, Large Language Models and Their Applications, OM–Marketing Interface

Methodological: Lab/Field Experiment, Structural Estimation, Causal Inference, Machine Learning

WORK IN PROGRESS

"Bias in Offline Retailing Experiment: Evidence and Solution", with Zhiqi Zhang, Ruohan Zhan, Dennis Zhang

"Evaluating Large Language Model Agents: A Statistical Framework for Reliable Performance Inference", with with Mengxin Wang, Dennis Zhang

CONFERENCE PRESENTATIONS

Bias in Offline Retailing Experiment: Evidence and Solution

- INFORMS Annual Meeting, Atlanta, GA 2025
- POMS Annual Meeting, Atlanta, GA 2025

INDUSTRY EXPERIENCE

- **Tencent** *May. 2025 - Jul. 2025*
  Research Intern Shenzhen, China

SKILLS

- **Programming Skills:** Python, R, Stata, Julia, SQL, C++, LaTeX
- **Languages:** English (Fluent), Chinese (Native)