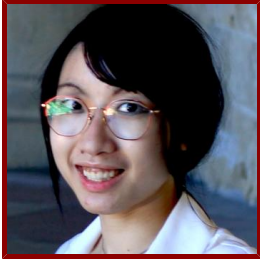



Stanford



Zijun Gao

Ph.D. Student in Statistics, admitted Autumn 2017

 Curriculum Vitae available Online

Bio

BIO

Zijun Gao is a Ph.D. candidate in the Statistics Department at Stanford University advised by Professor Trevor Hastie. Prior to attending Stanford, she obtained a Bachelor of Science in Mathematics from Tsinghua University, China.

Her major research interest is causal inference with heterogeneity. Her works focus on developing efficient methodologies of estimating and validating heterogeneous causal effects with applications of large-scale healthcare databases. She also works on real-world data motivated topics such as conditional density estimation and batched bandit problem.

HONORS AND AWARDS

- Ric Weiland Fellowship, Ric Weiland (Oct. 2020 - Present)
- Outstanding Undergraduates in Tsinghua, Tsinghua University (Jul. 2017)
- Group gold medal in 4th Romanian Master of Mathematics, Romanian Mathematical Society (Feb. 2012)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Reviewer, Neural Information Processing Systems (NeurIPS) (2020 - present)
- Reviewer, International Conference on Learning Representations (ICLR) (2021 - present)

PERSONAL INTERESTS

Piano, Painting, Running

LINKS

- Zijun Gao's personal website: <https://zijungao.github.io/>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Causal inference, density estimation, optimization

Publications

PUBLICATIONS

- **Assessment of heterogeneous treatment effect estimation accuracy via matching.** *Statistics in medicine*
Gao, Z., Hastie, T., Tibshirani, R.

2021

- **Perioperative analgesic administration during the 2018 parenteral opioid shortage in the United States - A retrospective analysis.** *Journal of clinical anesthesia*
Kim, R. K., Gao, Z. n., Hastie, T. n., Obal, D. n.
2020; 66: 109892
- **Minimax optimal nonparametric estimation of heterogeneous treatment effects** *Conference on Neural Information Processing Systems (NeurIPS)*
Gao, Z., Han, Y.
2020: 12
- **Batched Multi-armed Bandits Problem**
Gao, Z., Han, Y., Ren, Z., Zhou, Z., Wallach, H., Larochelle, H., Beygelzimer, A., d'Alche-Buc, F., Fox, E., Garnett, R.
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2019