

Wenshuo Wang

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Education

Harvard University

Ph.D. in Statistics, expected June 2021

Cambridge, Massachusetts

Aug. 2016–Present

University of California, Los Angeles

Cross-disciplinary Scholars in Science and Technology Program

Los Angeles, California

July–Sept. 2015

University of Science and Technology of China

B.S. in Statistics, Special Class for the Gifted Young

Hefei, China

Sept. 2012–June 2016

Publications and Manuscripts

*Author order is determined alphabetically.

Wenshuo Wang and Lucas Janson. A power analysis of the conditional randomization test and knockoffs. *arXiv preprint arXiv:2010.02304*, 2020.

Siliang Gong, **Wenshuo Wang**, Weijie J. Su, and Qi Long. Per-family error rate control for Gaussian graphical models via knockoffs. *In Submission*, 2020.

Yichao Li*, **Wenshuo Wang***, Ke Deng, and Jun S. Liu. Stratification and optimal resampling for sequential Monte Carlo. *arXiv preprint arXiv:2004.01975*, 2020.

Stephen Bates*, Emmanuel Candès*, Lucas Janson*, and **Wenshuo Wang***. Metropolized knockoff sampling. *Journal of the American Statistical Association* (accepted), 2020.

Teaching

As Instructor.....

- Stat P-17000: Introduction to Probability and Statistical Inference (**new**) Harvard University, June–July 2018

As Teaching Assistant.....

- Stat 211: Statistical Inference I Harvard University, Sept.–Dec. 2018
- Stat 171: Introduction to Stochastic Processes Harvard University, Jan.–May 2018
- Stat 210: Probability I Harvard University, Sept.–Dec. 2017
- Applied Stochastic Processes University of Science and Technology of China, Sept. 2015–Jan. 2016
- Linear Algebra University of Science and Technology of China, Mar.–July 2015

Talks

- A Power Analysis of the Conditional Randomization Test and Knockoffs Bernoulli-IMS One World Symposium, Aug. 2020
- Stratification and Optimal Resampling for Sequential Monte Carlo Joint Statistical Meetings (JSM), Aug. 2020
- Metropolized Knockoff Sampling Dempster Prize Colloquium, Nov. 2019
- Metropolized Knockoff Sampling Joint Statistical Meetings (JSM), July 2019
- Metropolized Knockoff Sampling (poster) New England Statistics Symposium (NESS), May 2019
- Challenges in High-Dimensional Variable Selection Models, Inference & Algorithms (MIA) Seminar at the Broad Institute, Dec. 2018

Internship Experience

Citadel Securities
Quantitative Researcher

Chicago, Illinois
June–Aug. 2020

Selected Awards

- National Scholarship (**Top 1%** nationwide), Chinese Ministry of Education (2013, 2014, 2015)
- CSST Scholarship (**Top 15%** Chinese and Japanese applicants), UCLA (2015)
- Outstanding New Student Award (**Top 1** in the Special Class for the Gifted Young), USTC Alumni Foundation (2012)
- China Undergraduate Mathematical Competition, **Nationwide, Second Prize** (**7th** place, 2014)
- China Undergraduate Mathematical Competition, **Anhui Division, First Prize** (**2nd** place, 2013)