WANTENG MA

Department of Statistics and Data Science, University of Pennsylvania

wanteng@wharton.upenn.edu ⋄ Website

EDUCATION

University of Pennsylvania, *The Wharton School* *2024 - 2029*
Ph.D. in Statistics

The Hong Kong University of Science and Technology *2021 - 2024*
M.Phil. in Mathematics

Zhejiang University, *Chu Kochen Honors College* *2017 - 2021*
B.S. in Statistics (with honors). Ranking: Top 2% (1/64)
B.B.A. in Management Information Systems

RESEARCH INTERESTS

High-dimensional Statistics, Online Decision Making, Multiple Testing, Optimization

PUBLICATIONS AND MANUSCRIPTS

[1]: Optimal Regularized Online Allocation by Adaptive Re-Solving. [pdf]
Wanteng Ma, Ying Cao, Danny H.K. Tsang, and Dong Xia.
Operations Research, 2024.

[2]: Multiple Testing of Linear Forms for Noisy Matrix Completion. [pdf]
Wanteng Ma, Lilun Du, Dong Xia, and Ming Yuan.
Submitted.

[3]: High-dimensional Linear Bandits with Knapsacks. [pdf]
Wanteng Ma, Dong Xia, and Jiashuo Jiang.
The 41st International Conference on Machine Learning (ICML 2024)

AWARDS AND SCHOLARSHIPS

RedBird Award, HKUST *2021*
Hong Kong PhD Fellowship, Research Grants Council of HK *2021*
Top 300 among all the PhD students in Hong Kong
Outstanding Graduate, Zhejiang University *2021*
National Scholarship, Ministry of Education of the P.R.C. *2019*
Top 1% among all the students in the Chu Kochen Honors College
Scholarship for Excellence, CKC College, Zhejiang University *2019*
Top 5% among all the students in the Chu Kochen Honors College
First Prize in The Chinese Mathematics Competitions, Zhejiang Mathematical Society *2019*

ACADEMIC SERVICE

Reviewer for the following journals:

Journal of Machine Learning Research (**JMLR**), Journal of Econometrics (**JOE**), Journal of the American Statistical Association (**JASA**), Journal of Computational and Graphical Statistics (**JCGS**), Transactions on Pattern Analysis and Machine Intelligence (**TPAMI**).

Conference/Seminar presentations:

- **14th POMS-HK International Conference**
  HKUST, Hong Kong SAR   *Jan 5-6, 2024*

- **International Seminar on Selective Inference**
  Online Seminar   *April 11, 2024*

PROGRAMMING SKILLS

Proficient at: Matlab, R, Python, PyTorch
Familiar with: C, Java, SQL

TEACHING EXPERIENCE

TA in the Hong Kong University of Science and Technology:
MATH 1013 - Calculus IB   *2023 Fall*
MATH 3424 - Regression Analysis   *2023 Spring*
MATH 4424 - Multivariate Analysis   *2022 Fall*
MATH 2411 - Applied Statistics   *2022, 2024 Spring*