

WANTENG MA

Department of Statistics and Data Science, University of Pennsylvania

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EDUCATION

University of Pennsylvania, the Wharton School Ph.D. in Statistics	2024 - 2029
The Hong Kong University of Science and Technology M.Phil. in Mathematics	2021 - 2024
Zhejiang University, Chu Kochen Honors College B.S. in Statistics (with honors) B.B.A. in Management Information Systems	2017 - 2021

RESEARCH INTERESTS

High-dimensional Inference, Multiple Testing, Online Decision Making

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 <i>Top 300 among all the PhD students in Hong Kong</i>	2021
Outstanding Graduate , Zhejiang University	2021
National Scholarship , Ministry of Education of the P.R.C. <i>Top 1% among all the students in the Chu Kochen Honors College</i>	2019
Scholarship for Excellence , CKC College, Zhejiang University <i>Top 5% among all the students in the Chu Kochen Honors College</i>	2019
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