

Chengpiao Huang

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Education

Columbia University PhD candidate, Industrial Engineering and Operations Research Advisor: Kaizheng Wang	New York, United States September 2022 – Present
The Chinese University of Hong Kong, Shenzhen Bachelor of Science, Mathematics and Applied Mathematics	Shenzhen, China September 2018 – May 2022

Paper and Preprints

Author names are listed in alphabetical order.

- **Distribution-Free Predictive Inference under Unknown Temporal Drift**
Elise Han, Chengpiao Huang, Kaizheng Wang
arXiv preprint arXiv:2406.06516, 2024.
- **Model Assessment and Selection under Temporal Distribution Shift**
Elise Han, Chengpiao Huang, Kaizheng Wang
International Conference on Machine Learning (ICML), 2024.
- **A Stability Principle for Learning under Non-Stationarity**
Chengpiao Huang, Kaizheng Wang
arXiv preprint arXiv:2310.18304, 2023.

Presentations

- A Stability Principle for Learning under Non-Stationarity
 - Talks: INFORMS Annual Meeting (October 2024), NYC Operations Day Joint PhD Colloquium (May 2024)
 - Poster: NYC Operations Day (May 2024)
- Model Assessment and Selection under Temporal Distribution Shift
 - Talk: The 37th New England Statistics Symposium (May 2024)
 - Posters: The 15th New York Academy of Sciences Machine Learning Symposium (October 2024), Columbia Data Science Day (April 2024), Columbia Foundations of Data Science Center Workshop (April 2024)

Honors and Awards

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| • Second Place, 2023 INFORMS Blue Summit Supplies Data Challenge | 2023 |
| • Samuel N. Rubinstein Fellowship, Columbia University | 2022 |
| • Academic Performance Scholarship (Class A), CUHK(SZ) | 2019-2022 |

Teaching Experience

At Columbia University, as a Graduate Teaching Assistant:

- IEOR E8100 - High-Dimensional Probability with Applications: Spring 2024

- IEOR E4101 - Probability, Statistics and Simulation: Fall 2024
- IEOR E3402 - Production Planning and Inventory Control: Spring 2023
- IEOR E3106 - Stochastic Systems and Applications: Fall 2023

At The Chinese University of Hong Kong, Shenzhen, as an Undergraduate Student Teaching Fellow:

- MAT3006 - Real Analysis: Spring 2021, Fall 2021
- MAT2006 - Elementary Real Analysis: Fall 2020
- MAT1001 - Calculus: Fall 2019