Chengpiao Huang

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Education

Columbia University — **New York, United States**
PhD candidate, Industrial Engineering and Operations Research — September 2022 – Present
Advisor: Kaizheng Wang

The Chinese University of Hong Kong, Shenzhen — **Shenzhen, China**
Bachelor of Science, Mathematics and Applied Mathematics — September 2018 – May 2022

Paper and Preprint

Author names are listed in alphabetical order.

- **Model Assessment and Selection under Temporal Distribution Shift**
  Elise Han, Chengpiao Huang, Kaizheng Wang
  Accepted at 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
  - Talk: Second-Year PhD Presentation (Columbia IEOR, September 2023), NYC Operations Day Student Colloquium (May 2024)
  - Poster: NYC Operations Day (May 2024)
- Model Assessment and Selection under Temporal Distribution Shift
  - Poster: Data Science Day (Columbia University, April 2024), Foundations of Data Science Center Workshop (Columbia University, April 2024)

Honors and Awards

- 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 E3402 - Production-Inventory Planning and 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