

Long Zhao

Employment	NUS Business School, National University of Singapore, Assistant Professor in Analytics & Operations	July 2019 – Now
Contact Information	Department of Analytics and Operations NUS Business School 15 Kent Ridge Dr, BIZ1 8-61, Singapore 119245	✉: longzhao@nus.edu.sg mathsoul.github.io/
Education	McCombs School of Business at University of Texas at Austin August 2013 – May 2019 <ul style="list-style-type: none">– Ph.D. in Decision Sciences– Advisor: Kumar Muthuraman– Co-Advisor: Deepayan Chakrabarti	
	Tsinghua University , Beijing, China. <ul style="list-style-type: none">– M.S. in Statistics– National Scholarship, highest scholarship for a graduate student in China	September 2010 – July 2013
	Tsinghua University , Beijing, China. <ul style="list-style-type: none">– B.S. in Mathematics– Excellent Graduate	September 2006 – July 2010
Publications	<ul style="list-style-type: none">[1] Zhi Chen and Long Zhao “Combining Forecasts from Multiple Experts for Multiple Variables.” Accepted by Management Science.[2] Guowei Zhang, Ning Jia, Ning Zhu, Long Zhao, and Qiao-Chu He, “Hybrid fleet management and vehicle repositioning in mobility-as-a-service operations.” Accepted by POM.[3] Li Chen, Melvyn Sim, Xun Zhang, Long Zhao and Minglong Zhou, “Robust Actionable Prescriptive Analytics.” Operations Research, 2025.[4] Wanshu Nie, Sujay V. Kumar, Long Zhao. “Anthropogenic influences on the water cycle amplify uncertainty in drought assessments.” One Earth, 2025.[5] Wanshu Nie, Sujay V. Kumar, Augusto Getirana, Long Zhao, Melissa L. Wrzesien, Goutam Konapala, Shahryar Khalique Ahmad, Kim A. Locke, Thomas R. Holmes, Matthew Rodell, Bryant D. Loomis, “Nonstationarity in the global terrestrial water cycle and its interlinkages in the Anthropocene.” PNAS, 2024.[6] Long Zhao, Deepayan Chakrabarti, Kumar Muthuraman. “Portfolio Construction by Mitigating Error Amplification: The Bounded-Noise Portfolio.” Operations Research, 2019.<ul style="list-style-type: none">– <i>Finalist in INFORMS Finance Section Best Student Paper Competition 2017</i>	
Working Papers	<ul style="list-style-type: none">[1] Xiaochuan Pang, Zhi Chen, Guowei Zhang, and Long Zhao, “Comparison of the Linear Opinion Pool and Stacking.” Major Revision from Operations Research.	

- [2] Guowei Zhang, Long He, **Long Zhao**, and Ning Zhu, “Data-Driven Distributional Robust Optimization with Incomplete Samples.” Reject and resubmit from Operations Research.
- [3] Melvyn Sim, **Long Zhao**, Minglong Zhou, “A New Perspective on Supervised Learning via Robust Satisficing.” Working paper.
- [4] Zhi Chen and **Long Zhao** “Constructing Quantiles via Forecast Errors: Theory and Empirical Evidence.” Working paper.
- [5] **Long Zhao**, Rui Gao, “Leveraging Latent Factors Using the Equally Weighted Portfolio.” Working paper.
- [6] **Long Zhao**, Deepayan Chakrabarti, Kumar Muthuraman. “Unified Classical and Robust Optimization for Least Squares.”
 - *Finalist in INFORMS Data Mining Best Paper Competition*
 - Working paper.

Teaching Experience	Foundation in Business Analytics (Master)	2024-2025
	Predictive Analytics in Business (Undergraduate)	2020-2023
	Causal Analytics for Managerial Decisions (Undergraduate)	2021-2023
	Introduction to Data Analytics (Ph.D.)	2021,2023
	Elementary Business Statistics (Undergraduate)	2017-2018
Services	Referee for <i>Operations Research</i> , <i>Management Science</i> , <i>Production and Operation Management</i> , <i>Operation Research Letters</i>	