Zhide Wang

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Academic Positions

Texas A&M University

Lecturer, 2024.

Teaching Assistant, 2022, 2023.

Research Assistant, 2018-Now.

Education

Ph.D candidate, Texas A&M University, USA, 2024.

Dissertation title: Structural Estimation of Partially Observable Markov Decision Processes and Partially Observable Stochastic Games: Theory and Applications.

Committee: Yanling Chang (chair), Alfredo Garcia (co-chair), Nathan Yang, Brandon Schmeichel, Ceyhun Eksin

B.S. Industrial Engineering, Shanghai Jiaotong University, China, 2016.

Research Interests

Structural Estimation; Partially Observable Markov Decision Processes; Partially Observable Stochastic Games; Retail Investment; Learning Models; Cognitive Fatigue.

Job Market Paper

Wang, Z., Chang, Y., Yang, N., & Garcia, A. (2024). Retail Investment under Aggregate Fluctuations. Available at SSRN. Link: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4754439

Work In Progress

Zhide Wang, Nathan Yang. Available at SSRN. Identification of Structural Learning Models. Link: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4906492

Zhide Wang, Nathan Yang, Yanling Chang, Yiran Liu. A sensitivity analysis of retail sectors to aggregate fluctuations.

Zhide Wang, Alfredo Garcia, Yanling Chang. Dynamic discrete choice with categorical perception.

Peer-reviewed Publications

Wang, Z., Chang, Y., Schmeichel, B. J., & Garcia, A. A. (2022). The Effects of Mental Fatigue on Effort Allocation: Modeling and Estimation. *Psychological Review*, 129(6), 1457–1485.

Chang, Y., Garcia, A., Wang, Z., & Sun, L. (2022). Structural Estimation of Partially Observable Markov Decision Processes. *IEEE Transactions on Automatic Control*.

Conference and Seminars

Theory + Practice in Marketing, 2024, The University of Texas at Austin.

INFORMS Annual Meeting, 2023, Phoenix, AZ.

Texas A&M University, 2023.

Professional Services

Reviewer, *Ergonomics*, 2022.

Last updated: July 26, 2024