Hou Jian

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Research Interests

- Quantile regression and high-dimensional inference

- Saddlepoint approximation and interval estimation

- Mixed-effects models and spatiotemporal statistics

Education

- PhD Candidate in Statistics, Renmin University of China

Selected Publications

- Hierarchical Composite Quantile Regression with Adaptive Lasso (JSPI, Accepted)

- Self-Normalized Quantile Empirical Saddlepoint Approximation (Statistical Papers, Under Review)

- Constructing Relative Risk Confidence Intervals under Poisson Distribution via Saddlepoint Approximation (2025)

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