Zhi Wang

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EDUCATION

Columbia University, Graduate School of Arts and Sciences *2016 – present*

Ph.D. in Statistics   Advisor: Jingchen Liu and Zhiliang Ying

Peking University, School of Mathematical Sciences *July 2016*

B.S. in Mathematics and Applied Mathematics
B.E. in Economics

AWARDS

Excellent Graduate (2016)
Elite Students in Applied Mathematics Fellowship (2015)
May 4th Scholarship (2015)
Kwang-Hua Scholarship (2014)
First Prize, National Physics Competition for College Students (2013)

PUBLICATIONS

1. Susu Zhang, Zhi Wang, Jitong Qi, Jingchen Liu, and Zhiliang Ying. Accurate assessment via process data. Preprint.
2. Xueying Tang, Zhi Wang, and Jingchen Liu. Adaptively weighted stochastic gradient descent algorithm. Preprint.
3. Zhi Wang, Xueying Tang, Jingchen Liu, and Zhiliang Ying. Subtask analysis of process data through a predictive model. Submitted.
4. Xueying Tang, Susu Zhang, Zhi Wang, Jingchen Liu, and Zhiliang Ying. ProcData: An R package for process data analysis. *Journal of Statistical Software*. To appear.
5. Zhi Wang, Xueying Tang, and Jingchen Liu. Statistical analysis of multi-relational network recovery. *Frontiers in Applied Mathematics and Statistics*. To appear.
6. Xueying Tang, Zhi Wang, Jingchen Liu, and Zhiliang Ying. An exploratory analysis of the latent structure of process data via action sequence autoencoders. *British Journal of Mathematical and Statistical Psychology*.
7. Xueying Tang, Zhi Wang, Qiwei He, Jingchen Liu, and Zhiliang Ying. Latent feature extraction for process data via multidimensional scaling. *Psychometrika*. To appear.
8. Joseph B. Kadane and Zhi Wang. Sums of possibly associated multivariate indicator functions: The ConwayMaxwell-Multinomial distribution. *Brazilian Journal of Probability and Statistics*.

EXPERIENCE

Electronic Trading and Machine Learning Summer Associate Program, Barclays, 2020.

PROFESSIONAL ACTIVITIES

Journal Reviewing

British Journal of Mathematical and Statistical Psychology (2020)
Frontiers in Psychology (2019)

Teaching Fellow

Stat GU4221/GR5221	Time Series Analysis (Spring & Fall 2019, Spring 2020)
Stat GU4263/GR5263	Statistical Inference and Time Series Modeling (Fall 2018)
Stat GU4265/GR5265	Stochastic Methods in Finance (Spring 2018)
Stat GU4205/GR5205	Linear Regression Models (Fall 2017)
Stat GU4204/GR5204	Statistical Inference (Spring 2017)
Stat GU4203/GR5203	Probability Theory (Fall 2016)