Yaguang Li

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Chinese nationality
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Research Interests

I am interested in High-dimensional statistical learning, model selection, change point, functional/spatial data analysis, precision (personalized) medicine.

Education

Ph.D. Candidate, Department of Statistics and Finance, **University of Science and Technology of China**, Hefei, China, supervised by Yaohua Wu, Ph.D and Baisuo Jin, Ph.D, 2013 – current.

B.S., School of Mathematics, **South China University of Technology**, Guangzhou, China, obtained June 2012.

Professional Experiences

Visiting PhD student for Subgroup Detection in Precision Medicine under the direction of Jialiang Li at Department of Statistics and Applied Probability, **National University of Singapore**, Singapore (Auguset, 2017 – Auguset, 2018)

Research Intern for Data Collection Monitoring and Cleaning Project at **Guoyuan Securities** Data analysis lab, Hefei, China (March, 2016 – March, 2017)

Research

Publications

Yaguang Li, Jialiang Li and Baisuo Jin. (2018). Multi-threshold Change Plane Model: Estimation Theory and Applications in Subgroup Identification (Under Review).

Yaguang Li and Baisuo Jin. (2018). Pairwise Fusion Approach Incorporating Prior Constraint Information (Under Review).

Jingli Wang, Jialiang Li, **Yaguang Li**, Weng Kee Wong. (2018) A model-based multi-threshold method for subgroup identification (Under Review).

Baisuo Jin, **Yaguang Li**, Jialiang Li, Yuehua Wu. (2017) Simultaneous Multiple Change-point Detection in the Spatio-Temporal Linear Models (Under Review).

Yaguang Li, Yaohua Wu and Baisuo Jin. (2017). Consistent tuning parameter selection in high dimensional group-penalized regression. SCIENCE CHINA Mathematics, doi:10.1007/s11425-017-9189-9.

Working paper

Yaguang Li and Jialiang Li. (2018) Multiple change-point analysis for functional data.

Presentations

Consistent Multiple Change-point Detection and R implementation. Presented at The 10-th China R Conference, Hefei, 2017.

Honors and Awards

Suzhou Industrial Park Scholarship, USTC, 2017.

Graduate academic scholarships, USTC, 2015, 2016, 2017.

Computing Skills

R, MATLAB, LaTeX, adequate with Python, C/C++.

Last updated: August 27, 2018