Jing Zeng (曾靖)

Contact

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Education

- Ph.D. in Statistics   08/2017 - 05/2022
  Department of Statistics, Florida State University (FSU)
  Co-advisors: Dr. Xin Zhang and Dr. Qing Mai
- B.S. in Mathematics and Applied Mathematics   08/2013 - 06/2017
  School of Mathematical Sciences, University of Science and Technology of China (USTC)

Employment

- Associate Professor (tenure-track)   07/2022 - Present
  International Institute of Finance, School of Management
  University of Science and Technology of China

Research Interests

- Applications in medical science.
- Dimension reduction.
- High-dimensional statistics.
- Machine learning.
- Robust statistics.
- Tensor data analysis.

Publications

"†" indicates alphabetical authorship.

1. Zeng, J., Mai, Q. and Zhang, X. (2022). Subspace Estimation with Automatic Dimension and Variable Selection in Sufficient Dimension Reduction. *Journal of the American Statistical Association*, accepted.
2. † Li, L., Zeng, J. and Zhang, X. (2022). Generalized Liquid Association Analysis for Multimodal Data Integration. *Journal of the American Statistical Association*, accepted.
3. Zeng, J., Zhang, X. and Mai, Q. (2022+). An Efficient Convex Formulation for Reduced-Rank Linear Discriminant Analysis in High Dimensions. *Statistica Sinica*, accepted.
4. Zeng, J., Wang, W. and Zhang, X. (2021). TRES: An R Package for Tensor Regression and Envelope Algorithms. *Journal of Statistical Software*, 99, 1-31.

Honors and Awards

- Outstanding Teaching Assistant Award (OTAA) nomination, FSU.   01/2020
  (Only two teaching assistants were nominated from each department.)

- Best First Year Student in Applied Statistics Award (top 10), FSU.   10/2018
  (The award was presented in recognition of outstanding achievement as a graduate student.)
- Scholarship for Outstanding Students, Third Prize (top 20%), USTC.   09/2015
- Scholarship for Outstanding Students, Second Prize (top 10%), USTC.   09/2014

Software

1. R package: **TRES** (`https://cran.r-project.org/web/packages/TRES/index.html`).

Teaching

- Solo Instructor, FSU
  - STA 2122: Introduction to Applied Statistics (Summer 2018, Fall 2018, Spring 2019)
- Teaching Assistant, FSU
  - STA 5934-0001: Tensor Data Analysis (Spring 2020)
  - STA 5934-0002: Deep Learning (Spring 2020)
  - STA 5934-0004: Statistical Computing with Python (Spring 2020)
  - STA 2122: Introduction to Applied Statistics (Fall 2017, Spring 2018)
- Teaching Assistant, USTC
  - Probability and Mathematical Statistics (Fall 2016).

Conference Presentations

"⋆" indicates the upcoming conferences.

- ⋆ Invited talk, CMStatistics   London, UK, 12/2022
- Topic-contributed talk, JSM   Washington, USA, 08/2022
- Invited talk, EcoSta   Hong Kong, China, 06/2021
- Contributed talk, JSM   Denver, USA, 07/2019

Services

- Reviewer: *Biometrics*, *Journal of Computational and Graphical Statistics*, *Statistica Sinica*, *WIREs Computational Statistics.*