Jing Zeng

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Employment

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

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)

Research Interests

- Dimension reduction.

- High-dimensional statistics.

- 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

- **R.A. Bradley Award**, FSU. 12/2022

  – *For the best PhD dissertation in the Department of Statistics.*

- **Best First Year Student in Applied Statistics Award**, FSU. 10/2018

  – *Presented in recognition of outstanding achievement as a graduate student.*

Software

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

Teaching

- University of Science and Technology of China
  - Spring 2023: STAT3003 Fundamentals of Statistical Algorithm

- Florida State University
  - Summer 2018, Fall 2018, Spring 2019: STA 2122 Introduction to Applied Statistics
  - Spring 2020: STA 5934-0001 Tensor Data Analysis (TA)
  - Spring 2020: STA 5934-0002 Deep Learning (TA)
  - Spring 2020: STA 5934-0004 Statistical Computing with Python (TA)
  - Fall 2017, Spring 2018: STA 2122 Introduction to Applied Statistics (TA)

Talks

"$\star$" indicates the upcoming conferences.

- $\star$ Invited talk, EcoSta   Tokyo, Japan, 08/2023
- $\star$ Invited talk, ICSA International Conference   Hong Kong, China, 07/2023
- Invited talk, CMStatistics   London, UK, 12/2022
- Invited talk, Conference for Interdisciplinary Big Data Science   Zhuhai, Guangdong, China, 11/2022
- 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*, *Computational Statistics and Data Analysis*, *Journal of Computational and Graphical Statistics*, *Statistics and Its Interface*, *Statistica Sinica*, *WIREs Computational Statistics*.

- **Session organizer**:
  - Topic: "Statistical analysis for data with complex structures"
    Organized Invited Session, EcoSta2023, Tokyo, Japan.