

# Jing Zeng

(updated: 06/12/2023)

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International Institute of Finance

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## Employment

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

## Education

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- **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

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- Dimension reduction.
- High-dimensional statistics.
- Robust statistics.
- Tensor data analysis.

## Publications (“†” indicates alphabetical authorship.)

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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. (2023). An Efficient Convex Formulation for Reduced-Rank Linear Discriminant Analysis in High Dimensions. *Statistica Sinica*, 33:1249-1270.
4. Zeng, J., Wang, W., and Zhang, X. (2021). TRES: An R Package for Tensor Regression and Envelope Algorithms. *Journal of Statistical Software*, 99(12):1-31.

## Honors and Awards

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- **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

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

## Teaching

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- 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

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“★” indicates the upcoming conferences.

- ★ Invited talk, IMS-APRM Melbourne, Australia, 01/2024
- ★ Invited talk, Hangzhou International Conference on Frontiers of Data Science Hangzhou, 08/2023
- ★ Invited talk, EcoSta Tokyo, Japan, 08/2023
- ★ Invited talk, ICSA International Conference Hong Kong, 07/2023
- Contributed talk, CAAS High-Dimensional Statistics Changsha, 05/2023
- Invited talk, Workshop on “Sufficient Dimension Reduction” at SJTU Shanghai, 05/2023
- Invited talk, CMStatistics London, UK, 12/2022
- Invited talk, Conference for Interdisciplinary Big Data Science Zhuhai, Guangdong, 11/2022
- Topic-contributed talk, JSM Washington, USA, 08/2022
- Invited talk, EcoSta Hong Kong, 06/2021
- Contributed talk, JSM Denver, USA, 07/2019

## Services

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- **Reviewer:** *Biometrics, Computational Statistics and Data Analysis, Journal of Computational and Graphical Statistics, Statistics and Its Interface, Statistica Sinica, WIREs Computational Statistics.*
- **Student paper competition reviewer:** Statistical Methods in Imaging Conference 2023
- **Session organizer:**
  - Topic: "Statistical analysis for data with complex structures"  
Organized Invited Session, EcoSta2023, Tokyo, Japan.