

# Jing Zeng (曾靖)

## Contact

---

International Institute of Finance  
Office 406, Building 1  
Hefei, Anhui, China  
Email: zengjxl@ustc.edu.cn

## 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

---

- 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

---

- 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
- 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*, *Statistica Sinica*, *WIREs Computational Statistics*.