

Jing Zeng (曾靖)

Contact

Department of Statistics, Florida State University
117 N. Woodward Ave., P.O. Box 3064330
Tallahassee, FL 32306-4330, USA
Email: jz17c@my.fsu.edu

Education

Florida State University (FSU), Department of Statistics

Ph.D. in Statistics

08/2017 - 05/2022 (expected)

Co-advisors: Dr. Xin Zhang and Dr. Qing Mai

University of Science and Technology of China (USTC), School of Mathematical Sciences

B.S. in Mathematics and Applied Mathematics

09/2013 - 06/2017

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*, under revision (invited major revision).
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, Florida State University
 - STA 2122: Introduction to Applied Statistics (Summer 2018, Fall 2018, Spring 2019)
- Teaching Assistant, Florida State University
 - 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, University of Science and Technology of China
 - Probability and Mathematical Statistics (Fall 2016).

Conference Presentations

“★” indicates the upcoming conferences.

- ★ Topic-contributed talk at JSM Washington, DC, 08/2022
- Invited talk at EcoSta Hong Kong, China (Virtual) 06/2021
- Contributed talk at JSM Denver, CO, 07/2019

Services

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