

# Jing Zeng (曾靖)

## Contact

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Department of Statistics, Florida State University  
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## Education

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**Florida State University (FSU)**, Department of Statistics  
Ph.D. in Statistics (GPA: 4.0/4.0) 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 (GPA: 3.72/4.3) 09/2013 - 06/2017

## Research Interests

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

## Publications

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“†” 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

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- 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

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

## Teaching

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- 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

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|---------------------------------|------------------------------------|
| • 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

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- Referee: *WIREs Computational Statistics, Biometrics*.