Curriculum Vitae   Zhongchi Wang

School of Economics
Hangzhou Dianzi University
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Education

- Master in Statistics, April. 2021, Hangzhou Dianzi University, Zhejiang, P. R. China
  Thesis: *Statistics inference*
  Supervisor: Prof. Rendao Ye

- B.S. in Institute of statistics and applied mathematics, Jun. 2018, Anhui University of Finance and Economics, Anhui, P. R. China
  Thesis: *Economic statistics*
  Supervisor: A/Prof. Xin Sun

Current Research Topic

- Bootstrap inference on the location parameter for the skew-normal population with unknown scale parameter and skewness parameter.

- Bootstrap confidence intervals for the common location parameter of several skew-normal populations

- A Parametric Bootstrap Approach for Testing Equality of skew-normal Location parameters

Honors/Awards

- Completion certificate of Applied Mathematics Summer School in Peking University, 2019

- Meritorious Winner of Mathematical Contest In Modeling/Interdisciplinary Contest in Modeling, 2017

- National Third Prize of The 16th China Post-Graduate Mathematical Contest in Modeling, 2019

- Second Prize of The 9th China Undergraduate Mathematical Contest in Modeling, 2016

- First Prize of China mathematical modeling network challenge (TZMCM), 2016

Grants

- 2019 China College Student Entrepreneurship Training Program (201910336020X), Jun. 2019-Dec. 2020

Research Interests

- Skew normal distribution & skew Chi-square distribution

- Bootstrap algorithm, EM algorithm & Monte Carlo Simulation

- XGBoost, Adaboost & GBDT

- Machine Learning

Basic Technique

- R, Python, Matlab, LaTeX, MS Office

Thesis

- Rendao Ye*, **Zhongchi Wang**, Kun Luo, Ya Lin, Bootstrap confidence intervals for the common location parameter of several skew-normal populations, *Submitted to Acta Mathematica Scientia*, 2019.

- Rendao Ye*, **Zhongchi Wang**, etc, A Parametric Bootstrap Approach for Testing Equality of skew-normal Location parameters , *Submitted to Journal of Applied Statistics and Management*, 2019.

- Zongbiao Zhang, Meng Li, **Zhongchi Wang**, A linearized Crank−Nicolson Galerkin FEMs for the nonlinear fractional Ginzburg−Landau equation, *Applicable Analysis*, 2018:1-20.

- **Zhongchi Wang**, Zongbiao Zhang, Study on the Energy Conservation and Unconditional Stability of the Space Fractional Schrodinger Equation, *Journal of Xichang University(Natural Science Edition)*, 2017,31(02):15-16.

- Zongbiao Zhang, **Zhongchi Wang**, Meng Li, Three-dimensional second-order elliptic hybrid problem triangular prism Hermite element, *Mathematics in Practice and Theory*, 2018,48(08):258-264.

Conference

- Oct.21, 2019, Mathematical Methods and Optimization Symposium in Artificial Intelligence, Hangzhou Dianzi University, Hangzhou, China

- Oct.20, 2019, IEEE paper writing conference, Chengxiang Wang, Hangzhou Dianzi University, Hangzhou, China

- Aug.2, 2019, Uncertainty Quantification and Statistical Methods in Simulation Analysis, Henry Lam, Peking University, Beijing, China

- Jun.15 2019, Missing Data, Longitudinal Data, and Applications, Lang Wu, Hangzhou Dianzi University, Hangzhou, China