Xue Jing

Gender: Female   E-mail: 1817050055@mail.bnuz.edu.cn   Telephone: +86-15626977597

Education

Beijing Normal University, Zhuhai   **Sept.2018-Present**

Major in Applied Statistics(Senior student) GPA: 4.2/5.0 (rank 1/66)

Core Courses: Mathematical Analysis, Linear Algebra, Probability Theory, Mathematical Statistics,

Applied Statistics, Econometrics,Artificial Intelligence,Time Series Analysis.

Scholastic Achievements

- Special Scholarship 2018-2019 & 2019-2020 (rank 1/66)

- The First Class Scholarship 2020-2021 (rank 2/66)

- The Scholarship of Social Work 2019-2020 & 2020-2021

Competition Achievements

- Successful Participant of Mathematical Contest In Modeling in 2019

- Third Prize of "Tipdm Cup" Data Mining Challenge in 2020

- Second Prize of Market Investigation Competition in 2021

- Third Prize of China Undergraduate Mathematics Competition in 2021

Research Experience

"Tipdm Cup" Data Mining Challenge   **March 2020 – June 2020**

Intelligent government system based on natural language

- Using jieba word segmentation, word frequency statistics and other methods for the content of the message and builds an LdaModel model to search for keywords. Export hotspot question list and hotspot question message list.

- Constructing a comparative judgment matrix and seeks the weight of the indicators, and establishing a quality evaluation model based on AHP.

China Undergraduate Statistics Modeling Competition   **March 2021 – June 2021**

Analysis of Linkage and Volatility of China Cotton Futures Price and Forecast

- Using SVAR model, the price transmission relationship between cotton futures and spot is deduced through Granger causality test.
- The impulse response function is used to describe the ability of cotton futures to guide spot. Finally, the conclusion is tested by VECM model.
- The SVR-GARCH model is used to effectively predict the cotton futures price.

Extracurricular

University's Youth League Committee   **Sept. 2018 – Nov.2020**

Team leader   *Beijing Normal University,Zhuhai*

- Organized academic science and technology competitions in the school.
- Organized school-opening ceremony,school chorus competition and academic lectures,etc.

Voluntary Activities   **Sept. 2018 – Present**

Team member   *Zhuhai*

- Volunteer time 35+ hours.
- Played with children in the school for deaf and dumb children.
- Voluntary activities organized by the school,such as evening party to welcome newcomers and night run,etc.

Technical Skills

Software: R, Matlab, SPSS
Language: English(CET-6), Chinese(native)