Lin Zehao

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Education

Shandong University (SDU), Jinan, Shandong, China   2022 – Present
Master student in Economics, expected June 2025
Average marks: 91.43 / 100

Anhui University (AHU), Hefei, Anhui, China   2018 – 2022
B.S. in Economics
Average marks: 90.07 / 100

Research Interests

I've developed a interest in the Quantitative History and Natural Language Processing(NLP)

Research Experience

Whether emotions affect driving behavior?   Jan. 2024 – Present

Using LSTM and CNN models and Japanese tweet data, I construct daily sentiment indicators at the county level in Japan from 2017-2022. Then I combine the sentiment indicators with official traffic accident data from Japan to see if emotions affect driving behavior.

Procedural justice and acceptance of inequality   Dec. 2023 – Present

I use word embedding techniques to measure the acceptance of inequality in different countries. Then I look at whether millionaires' wealth is perceived to be just in those countries by looking at their backgrounds and industries. This paper mainly examines the causal relationship between procedural justice and acceptance of inequality.

Income and expenditure of different classes in the Republic of China in the 1930s   Jul. 2021 – Jun. 2022

I collect and present data on the income and expenditure of the upper classes, such as senior officials and wealthy businessmen, to the lower classes, such as stevedore and beggars, in the Republic of China in the 1930s, providing some evidence to understand the inequality of the time.

Has the epidemic forced the upgrading of industrial structure?   Aug. 2020 – Apr. 2021

According to the regional variation of the SARS epidemic impact in 2003, I constructed a PSM-DID model to identify the relationship between the epidemic and the upgrading of industrial structure, and explored the influencing mechanism.

Skills

- Programming Languages: Python, Matlab, R, Stata
- English competence: TOEFL-105, GRE-321

Honors and Awards

First Prize, Award on China Undergraduate Mathematical Contest in Modeling(CUMCM)   Nov. 2020
Meritorious Winner, Award on Mathematical Contest In Modeling(MCM)   Jan. 2021
China National Scholarship   2021