

LIN ZEHAO

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Contact Address: 404, Building 3, Poly Daduhui, Jieyang, Guangdong
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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

Air pollution, sentiment and traffic accidents Jan. 2024 – Present

Using Lexicon-based approach approach with 190 million tweet data, we construct daily public sentiment value at the county level in Japan from 2017-2022. Then we combine the public sentiment value with air pollution data to see if air pollution affect public sentiment. We use wind-blown external pollutants as instrument to alleviate the endogenous problem. The results showed that air pollution increased negative public emotions, especially anger and anxiety, and indirectly led to an increase in local traffic deaths.

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, ArcGIS
- 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