Mingzhong WANG

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EDUCATION

- **Shandong University**, Jinan, China
  - M.Sc. in Public Finance (GPA: 90.21/100)   Semptember 2023 - June 2026(expected)

- **Shandong University**, Jinan, China
  - B.Sc. in Economics (GPA: 86.99/100)   Semptember 2017 - June 2021
  - With Honors

WORK EXPERIENCE

- **Benxuan Law Firm**, Baoji, China
  - Legal Assistant   Feburary 2022 - August 2022

RESEARCH INTERESTS

- **Priamry:** Inter-disciplinary research based on economics using AI

- **Secondary:** Public Economics, Energy Economics, Environmental Economics, Health Economics

- **Methodologies:** Causal Inference, Machine Learning, NLP

WORKING PAPER

- **"Social Security Policy and Mental Health: Evidence from China"**
  Abstract: This study examined the effect of long-term care insurance(LTCI) on the mental health of Chinese older adults aged above 60 years old. Using panel data from the China Health and Retirement Longitudinal Study(CHARLS) between 2011 and 2020, we investigated the impact of the introduction of LTCI pilots across several cities on old individuals by using the difference-in-differences(DID) approach. We found a positive effect of LTCI on the mental health of older adults. It might due to both direct and indirect ways including increasing the level of life satisfaction, shortening the length of hospital stay, and increasing the sleep duration. The positive effect on mental health was found to be stronger for older adults with 3-5 kinds of chronic diseases compared to those with less or more diseases, which showed an approximate inverted U-shaped relationship. Moreover, older adults aged below 80 years old were more likely to benefit from the introduction of LTCI. This study provides evidence that developing social security policies can help improve the mental health of the older adults.

WORK IN PROGRESS

- **"Data-driven, Individual Value, Collective Welfare: the Development of Artificial Intelligence from a Statistical Perspective"(with Xiaodong Yan)**

TEACHING & RESEARCH EXPERIENCE

- **Teaching Assistant, School of Economics, Shandong University**
    - Spring 2024: sd00232420 Software for Economics(Undergraduate Course) (TA for Prof. Xuejun Xu)
    - Fall 2024: 0040219 Political Economics(Graduate Course) (TA for Prof. Fengyun Hou)

- **Research Assistant, School of Economics, Shandong University**
    - Spring 2024: Help write literature review for "Research on the Reform of Fiscal and Taxation System in the Construction of a Unified Market" (RA for Prof. Yugang Tang)
    - Spring 2024: Help write annual report for "China's Government Budget Reform and Development Annual Report 2023" (RA for Prof. Yugang Tang)
    - Summer 2018: Field investigation on the development of rural economy in Shandong Province; Help write research report (RA for Prof. Fengyun Hou)

COURSES FOR SELF-IMPROVEMENT

- **Courses on Coursera:**
    - Machine Learning by Andrew Ng, Stanford University (In Progress)
    - Deep Neural Networks with PyTorch by DeepLearning.AI (In Progress)
    - Natural Language Processing by DeepLearning.AI (In Progress)
    - Python for Everybody Specialization by Charles Russell Severance, University of Michigan (In Progress)
    - IBM Generative AI Engineering Professional Certificate by IBM (In Progress)

- **Innovative Talents Science Training Program:**
    - Spring 2024: China and the Global Economy: From Outsider to Main Player by Allen Carlson, Cornell University(Certificate, Transcript)

- **The International Summer Program in Digital Economy:**
    - Summer 2024: Hosted by School of Economics, Shandong University (Certificate)

(SELECTED)HONORS & AWARDS

- 2024 Academic Scholarship(Graduate), Shandong University

- 2021 Outstanding Undergraduate, Shandong University

- 2020 Academic Scholarship(Undergraduate), Shandong University

- 2019 Outstanding Student Leader(Undergraduate), Shandong University

- 2018 Academic Scholarship(Undergraduate), Shandong University

MISSCELLANEOUS

Language:	Chinese (native), English (IELTS 7.0)
Citizenship:	Chinese
Computer:	Stata, Python, LaTeX, Julia

Last update: Mar 2025