LINWEI MA

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EDUCATION

University of Wisconsin Madison   **08/2024 - Present**
PhD of Science, Consumer Behavior and Family Economics

Johns Hopkins University   **09/2022 - 05/2024**
Master of Science, Applied Economics

Tianjin University of Commerce, Tianjin, China   **09/2018 - 06/2022**
Bachelor of Economics, International Economy and Trade

SKILLS

STATA, Python, R , SAS, EViews, Microsoft Office, LaTeX

PUBLICATION

Linwei Ma. *Culture, Economic Preference and Economic Development with Python: Evidence from Two New Datasets.* In Proceedings of the International Conference on Big Data Economy and Digital Management - BDEDM; ISBN 978-989-758-593-7, SciTePress, pages 854-863. DOI: 10.5220/0011355500003440

ACADEMIC RESEARCH EXPERIENCE

The Impact of Involutional Environment on Youngster's Economic Preferences   **10/2022 - Present**
Paper ready for submission
Advisor: Yupeng Li, University of Electronic Science and Technology of China

✧ Learned about behavioral and experimental economics related to risk preferences, such as social preferences, time preferences, loss aversion, and dictator games, and how to measure risk preferences using experiments

✧ Crafted and evaluated a survey to assess how competitive environments affect youths' economic choices. Participants' decisions, influenced by the designed scenarios and chance, dictated their real-world gains

✧ The research revealed that heightened anxiety reduced participants' competitive engagement, while a less stressful context promoted their willingness to compete and advance

Research Assistant of Prof. Christina Brown, University of Chicago   **05/2023 - 08/2023**
✧ Helped investigate mechanisms behind gender discrimination by managers and evaluate the impacts on this issue brought by various personnel policies
✧ Replicated relevant papers using STATA and reported results to the supervisor weekly
✧ Conducted a literature review of over 70 papers and prepared a report evaluating the validity and relevance of the research topic
✧ Cleaned and combined datasets from multiple sources

Research Assistant of Prof. Tatyana Deryugina, University of Illinois at Urbana-Champaign   **05/2023 - 08/2023**
✧ Helped explore economic reasons and consequences of population migration across counties in the United States.
✧ Create GIS maps illustrating the population dynamics based on census data
✧ Conducted an in-depth analysis of how county-level demographics influenced the oil and gas industry trends from 1980 to 2010
✧ Uncovered pivotal economic factors shaping county development during economic highs and lows, informing energy market dynamics

Undergraduate Thesis   **12/2021 - 5/2022**
Advisor: Xiaowen Wang--Tianjin University of Commerce
✧ Implemented a Python-based analysis to replicate a study on the relationship between cultural elements and economic preferences, utilizing new datasets for deeper insights.
✧ Utilized the 5-HTTLPR gene's S allele and demographic indicators (sex, urbanization, and migration rates in China) to address endogeneity in the model.
✧ Highlighted the impact of cultural nuances on policy effectiveness, enhancing understanding of culturally-driven

negotiation competencies.

Quantitative Analysis of Economic Behavior   03/2021 - 11/2021
Advisor: Edward J. Vytlacil--Yale University; Tao Wang--Bank of Canada
- ✧ Examined how culture affects economic results using data from two countries
- ✧ Used Python to highlight preferences linked to individualism
- ✧ Created scatter plots to assess the alignment between cultural preferences and economic results
- ✧ Developed regression models to identify factors contributing to economic performance
- ✧ Found that culture heterogeneity is strongly correlated to economic performance

CLASS PROJECTS

Extensions & Analysis on "COVID-19 Disruptions Disproportionately Affect Female Academics"   05/2023-08/2023
Advisor:Ty Robbins(Professor of Microeconometrics)--Johns Johns Hopkins University
- ✧ Evaluate the paper's estimation method and empirical findings.
- ✧ Explored the interaction effects of spousal importance and race on the professional activities of female academics during COVID-19.
- ✧ Analyzed regression results to assess the impact of having varying numbers of children on women scholars' academic work time, examining the interplay between family structure and academic productivity.

A Study on Factors Influencing Labor Force Participation Rate (LFP)-Using Multiple Linear Regression Analysis
Advisor:Filipe Lage de Sousa(Professor of Econometrics)--Johns Johns Hopkins University   01/2023-05/2023
- ✧ Analyzed the impact of economic factors like CPI and GDP on labor force participation across various countries.
- ✧ Applied multiple linear regression to assess how economic and demographic variables influence labor market trends.

Analysis of Technology Transfer by Transnational Corporations to Developing Countries   03/2021 - 07/2021
Advisor: Yongju Ren(Professor of Multinational Corporation)--Tianjin University of Commerce
- ✧ Investigated the motivations and impacts of technology transfer
- ✧ Put forward the measures that transnational corporations and developing countries could adopt to promote future cooperation and development

Exploration of Service Outsourcing Industry Strategy in Tianjin Based on SWOT-PESTEL Model   9/2020-12/2020
Advisor: Yongju Ren(Professor of International Service Trade)
- ✧ Analyzed the status quo of service outsourcing industry competitiveness in Tianjin
- ✧ Proposed strategies to boost competitiveness, focusing on addressing weaknesses, leveraging opportunities, and capitalizing on existing strengths.

INTERNSHIP EXPERIENCE

JZ Securities   07/2021 - 08/2021
Intern of Asset Management and Investment Business Department
- ✧ Participated in the review meetings and wrote tracking reports for dozens of stocks of recent IPOs in medical devices, electric, biotechnology, and food industries.