

# Weiwei Zheng (郑维伟)

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## Research Interests

**Urban Governance, Public Policy, Social Security, Digital Economy, AI, Human Capital, Innovation, Peer Effect, Spatial Econometrics**

## Educational Experiences

Ph.D.	<b>Shanghai Jiao Tong University</b>	Antai College of Economics and Management	2022 to 2026
	Applied Economics (Quantitative Economics)		Tutor: <b>Xi Qu</b>
Master	<b>Chongqing University</b>	School of Economics and Business Administration	2019 to 2022
	Applied Economics (Regional Economics)		Tutor: <b>Jijun Kang</b>
Bachelor	<b>Nanchang University</b>	Jiluan Academy / Qianhu College	2015 to 2019
	Interdisciplinary - Economics		Tutor: <b>Yaobin Liu</b>
Visiting	University of Oxford	Funded by Jiluan Academy	2017

## Research Experiences

### Publications in the last 5 years 4 (S)SCI Q1, 11 CSSCI

[1] Shujie Yao, Xiaoqian Zhang\*, **Weiwei Zheng**. On Transportation, Economic Agglomeration, and CO<sub>2</sub> Emissions in China, 2003–2017. **Environmental Science and Pollution Research**, 2023, 30(14): 40987–41001. (SCI Q1, **Surname sorting**, Cited 13 times, IF: 8.7)

[2] Shujie Yao, Xiaoqian Zhang\*, **Weiwei Zheng**. On Green Credits and Carbon Productivity in China. **Environmental Science and Pollution Research**, 2022. 29(29): 44308–44323. (SCI Q1, **Surname sorting**, Cited 20 times, IF: 8.7)

[3] Xiaoqian Zhang, Shujie Yao\*, **Weiwei Zheng**, Jing Fang. On Industrial Agglomeration and Industrial Carbon Productivity -- Impact Mechanism and Nonlinear Relationship. **Energy**, 2023, 283(49):129047. (SCI Q1, Cited 48 times, IF: 15.3)

[4] Banghui Zhang, Yonghan Zhu\*, Jie Deng, **Weiwei Zheng**, Yang Liu, Chunshun Wang, Rongcan Zeng. “I Am Here to Assist Your Tourism”: Predicting Continuance Intention to Use AI-based Chatbots for Tourism. Does Gender Really Matter? **International Journal of Human–Computer Interaction**, 2022, 39(9):1887–1903. (SSCI Q1, Cited 98 times, IF: 9)

[5] **Weiwei Zheng**, Xi Qu\*, Yaobin Liu, Linglin An. Is “Offline Communication” No Longer Important in the Internet Era? Test from the Paradox of “Knowledge Spatial Spillover” and Regional Innovation (in Chinese). **Journal of Finance and Economics (财经研究)**, 2023, 49(3):155–168. (CSSCI, Cited 17 times, IF: 16.186)

[6] Weilin Jiao, **Weiwei Zheng**, Xu Zheng\*. Financing Cost of Local Government Financing Vehicle Bond and Risk Contagion: Based on the Perspective of Non-Standard Financing Default (in Chinese). **Journal of Finance and Economics (财经研究)**, 2024, 50(11):50–64. (CSSCI, Cited 6 times, IF: 16.186)

[7] **Weiwei Zheng**, Xi Qu, Yaobin Liu, Yuansheng Wang. The Formation Mechanism of China's New Pattern of Regional Development in the New Era: Based on the Evolutionary Economic Analysis of the Ternary System of “Dynamic-Efficiency-Quality” (in Chinese). **Nankai Economic Studies (南开经济研究)**, 2023(8): 24–42. (CSSCI, **Reprinted in full text** of the Information Center for Social Science of RUC, Cited 7 times, IF: 5.467)

[8] Jijun Kang, **Weiwei Zheng**\*. The Trade Creation Effect of China Inland Pilot Free Trade Zone: Expanding Imports or Increasing Exports (in Chinese). **Journal of International Trade (国际贸易问题)**, 2021(2):16–31. (CSSCI, **Corresponding author**, Cover recommendation, Cited 107 times, IF: 8.756)

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[9] **Weiwei Zheng**, Xi Qu\*, Linglin An, Yaobin Liu. Equity Pledge by Controlling Shareholders and Corporate Misconduct: From the Perspective of Internal Control and External Supervision (in Chinese). **Journal of Modern Finance (现代金融研究)**, 2024, (12): 36-46. (CSSCI, Cover recommendation, Cited 12 times, IF: 4.984)

[10] **Weiwei Zheng**, Yaobin Liu\*, Haikong Lu. Theoretical Mechanism and Experience Identification of State-level New Areas (SNA) Driving High-quality Development of Regional Economy (in Chinese). **Urban Development Studies (城市发展研究)**, 2021(9):116-124. (CSSCI, Cited 22 times, IF: 3.941)

[11] Yaobin Liu, **Weiwei Zheng**. Strategic Choices of the New Pattern of Regional Coordinated Development in the New Era (in Chinese). **East China Economic Management (华东经济管理)**, 2022, 36(2):1-11. (CSSCI, Cover recommendation, **Reprinted in full text** of the Information Center for Social Science of RUC, Cited 55 times, IF: 10.666)

[12] Zhiying Liu, Yuhang Ye, **Weiwei Zheng**\*. Step by Step or Overnight? Research on the Impact of the Rhythm of Government Subsidies on Ambidextrous Innovation of Firms (in Chinese). **Journal of Technology Economics (技术经济)**, 2023, 42(5):56-67. (CSSCI, **Corresponding author**, Cited 12 times, IF: 7.264)

[13] Juncong Guo, **Weiwei Zheng**, Xi Qu\*. Endogeneity in Management Research (in Chinese). **Quarterly Journal of Management (管理学季刊)**, 2024(1): 20-32. (CSSCI)

[14] Juncong Guo, **Weiwei Zheng**, Xi Qu\*. Policy Evaluation Methods, Strategies and China Advantages of Multi-dimensional Spillover Effects: Perspective of Spatial Network Econometric Models (in Chinese). **Bulletin of National Natural Science Foundation of China (中国科学基金)**, 2023(6): 953-962. (CSSCI, Cited 2 times, IF: 3.274)

[15] Jijun Kang, **Weiwei Zheng**, Wei Mu. Economic Agglomeration and Income Growth of Rural Residents: Comparative Analysis of Poor and Non-Poor Counties in Sichuan and Chongqing (in Chinese). **Journal of Chongqing University (Social Science Edition) 重庆大学学报(社会科学版)**, 2023(5):37-53. (CSSCI, Cited 12 times, IF: 10.264)

## Other Publications

## 2 CSSCI

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[16] Yaobin Liu, **Weiwei Zheng**. Xi Jinping's Ecological Civilization Thought of Socialism with Chinese Characteristics in the New Era: Historical Process, Logical Thread and Practical Innovations (in Chinese). **Journal of Hunan University of Science & Technology (Social Science Edition) 湖南科技大学学报(社会科学版)**, 2018, 21(1):68-76. (CSSCI, Cited 72 times, IF: 2.862)

[17] Yaobin Liu, **Weiwei Zheng**. Study of the Impact of Different Grades of High-speed Rail on Regional Economic Development: An Empirical Analysis of Jiangxi Based on DID Model (in Chinese). **Journal of Nantong University (Social Science Edition) 南通大学学报(社会科学版)**, 2019, 35(6):23-33. (CSSCI, Cited 38 times, IF: 3.399)

[18] **Weiwei Zheng**, Wenyu Li. A Research of Hotspots, Trends and Prospect on the Impact of China's High-speed Rail on Regional Development (1998—2019) (in Chinese). **Journal of Chongqing Jiaotong University (Social Sciences Edition) 重庆交通大学学报(社会科学版)**, 2020, 20(5):43-49. (AMI, Cited 5 times)

[19] Ye Zhou, Zhichao Ren\*, **Weiwei Zheng**, Juan Sun, Danhua Chen. The Scientific and Technological Innovation Efficiency and Promotion Path of Listed Agriculture-related Enterprises in China: Empirical Analysis Based on DEA-Malmquist and fsQCA (in Chinese). **Strategy for Innovation and Development of Science and Technology (科技创新发展战略研究)**, 2023(4): 22-31. (AMI, Cited 4 times)

## Working Papers

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[1] Model Specification in Empirical Research: Principles, Pitfalls, and Practice (in Chinese). *UR to Journal of Management World (First author*, with Yaobin Liu, Xi Qu and Mengxuan Wu)

[2] Smart Aging, Better Health: Effects of Smart Elderly Care in China. *UR to Journal of Population Economics (Corresponding author*, with Wei Wang and Mengxuan Wu)

[3] Can Retirement Really Boost Consumption? A Reexamination of the Retirement-Consumption Puzzle (in Chinese). *UR to China Soft Science (Corresponding author*, with Wei Wang and Mengxuan Wu)

[4] Involution in Innovation: R&D Talent Agglomeration and Green Total Factor Productivity in China. *UR to Research Policy (First author*, with Shenglian Jia, Yaobin Liu, Xi Qu and Yonghan Zhu)

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[5] On Transportation Infrastructure and Innovation in China: A Spatial Econometrics and Spatial General Equilibrium Perspect (in Chinese). *In Progress.* (**Solo author**)

[6] Thirst for Talent: Competition in the Hiring of High-skilled Workers. *In Progress.* (**Corresponding author**, with Juncong Guo, Xi Qu and Yang Yu)

[7] The Next Stage of China's "Land-Driven Development" Mode: Land Mixed Use Structure and Urban Economic Resilience (in Chinese). *In Progress.* (**First author**, with Xi Qu, Ke Shi and Langqing Yue)

[8] Bridging the Administrative Divide: Regional Integration and Border Development Disparities in China. *In Progress.* (with Shougui Luo and Langqing Yue)

[9] Control Variable Selection and Coefficient Stability: A Filter Test. *In Progress.* (**Solo author**)

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<b>Projects</b>	<b>Hosted 1 National Project, Participated 8 National Projects</b>

[1] Hosted National College Student Innovation Research Project "Analysis of the Differential Impact of 'High-speed Rail Economy' on Regional Economy" (20180848)

[2] Participated in the Outstanding Youth Project of the National Natural Science Foundation of China "Spatial Econometric Modeling and Analysis" (72222007)

[3] Participated in the Major Project of the National Social Science Foundation "Research on the Optimization of Regional Coordinated Development Path in the Process of Chinese Modernization" (23&ZD034)

[4] Participated in the Major Project of the National Social Science Foundation "Performance Evaluation of Green Development in the New Era and Research on the Construction of Beautiful China" (18ZDA047)

[5] Participated in the Major Project of the National Social Science Foundation "Theoretical and Empirical Basis of General Secretary Xi Jinping's Important Exposition on Poverty Alleviation and Research on the Effect of Targeted Poverty Alleviation" (18ZDA005)

[6] Participated in the Key Project of the National Social Science Foundation "China Adheres to the Technical Route, Regional Realization and Policy Tool Selection of Green Development" (15AZD070)

[7] Participated in the General Project of the National Natural Science Foundation of China "Research on Local Government Strategy Interaction Based on Time-Varying Spatial Coefficients and Endogenous Weighted Spatial Panel Model" (71973097)

[8] Participated in the General Project of the National Natural Science Foundation of China "Econometric Testing and Estimation of Levy Jump Diffusion Model Based on High-frequency Data" (72073096)

[9] Participated in the Youth Project of the National Natural Science Foundation of China "Peer Effects of Household Consumption and Investment: An Analysis Based on Nonlinear Spatial Econometric Models" (72303151)

[10] Participated in Youth Project of 2025 Shanghai Philosophy and Social Science Planning "Research on the Mechanism and Path Optimization of Megacities Driving the Digital and Intelligent Transformation of Manufacturing in Surrounding Areas" (2025EJL003)

[11] Participated in Youth Project of 2025 Shanghai Philosophy and Social Science Planning "Research on the Incentive Effect of Shanghai's Policy to Boost Housing Consumption under the Dual Goals of High-quality Housing and Destocking" (2025EJB006)

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## Conferences

[1] The 25th Economics Annual Conference of China (SJTU, Shanghai)	2025-12
[2] Special Session on Economics and Management of the 19th Academic Conference of Jiangsu Social Sciences (NJU, Suzhou) ( <b>Outstanding Paper</b> )	2025-11
[3] The 15th National "Social Security and Social Policy" Excellent Graduate Academic Forum (Sufe, Shanghai) ( <b>3rd Prize</b> )	2025-11
[4] 2025 Asia-Pacific Symposium on Economics and Finance (Kobe University, Japan)	2025-09
[5] Annual Meeting of the Young Economist Society (YES) 2025 (Inner Mongolia University, Hohhot)	2025-08
[6] The 3rd Camphor Social Security Forum (Sufe, Shanghai)	2025-07
[7] The 6th Frontier Forum on Labor Economics (SJTU, Shanghai)	2025-05
[8] 2024 China Economic Global Conference and Recruitment Market (Economics) (SJTU, Shanghai)	2024-12

[9] The 24th Annual Conference of Chinese Economics (PKU, Beijing)	2024-11
[10] The 3rd China Nanchang International Finance Annual Conference (NCU, Nanchang)	2024-07
[11] Contemporary Spatial Political Economy Workshop (SPACE Workshop) (SJTU, Shanghai)	2024-04
[12] The 1st CCES Workshop on Urban Economics and the 5th Symposium on Spatial, Urban, Rural, and Regional Economics (SSURRE) (FDU, Shanghai)	2024-04
[13] The 29th Xiangzhang Economics Seminar (SUIBE, Shanghai)	2023-10
[14] China Regional Economics Forum and Annual Conference on Discipline Construction (Shanxi University of Finance and Economics, Taiyuan)	2019-06

## Academic Services

- [1] Operates the “Econometric Theory & Application Seminar” (计量经济理论与应用研究室) 2600+ followers
- [2] Independently develop academic navigation website “ETASeminar” (<https://vividzheng.eu.org>)
- [3] Independently develop CNKI literature assistance browser plug-in “ETASeminar - Amazing Enhanced Researcher”
- [4] Independently develop Stata commands: *regflow*, *regfilter*
- [5] Anonymous reviewer: 华东经济管理 (CSSCI, Outstanding Reviewer), Land Use Policy (SSCI, Q1)

## Teaching Experiences

- [1] Advanced Econometrics: Micro-econometrics (PhD), teaching assistant to Prof. Xi Qu 2024-2025 Fall
- [2] Advanced Probability and Statistics (Master & PhD), teaching assistant to Prof. Xi Qu 2023-2024 Fall
- [3] Econometrics (Undergraduate), teaching assistant to Associate Prof. Xi Qu 2022-2023 Spring
- [4] Econometrics (**Excellent completion**), 2022 Undergraduate Ideological and Political Demonstration Course Cultivation Project 2024-03
- [5] Data, Models and Decisions (MBA), teaching assistant to Prof. Xi Qu 2024-2025 Fall
- [6] Data, Models and Decisions (MBA), teaching assistant to Prof. Xi Qu 2023-2024 Fall
- [7] Data, Models and Decisions (MBA), teaching assistant to Associate Prof. Xi Qu 2022-2023 Fall

## School Affairs

- [1] **Director** of Class 23M003, Shanghai Jiao Tong University 2023-09 to present
- [2] Deputy monitor of 2015 comprehensive experimental class, Nanchang University 2016-03 to 2019-06
- [3] Vice president of mathematical modeling association, Nanchang University 2016-08 to 2017-07

## Awards and Honors

### Ph.D.

- [1] Shanghai Jiao Tong University **Ruiyuan-Sequoia Talent Development Fund** 2023-12
- [2] Shanghai Jiao Tong University **12151 Scholarship** 2024-11

### Master

- [1] Chongqing University 5th **Top 10 Academic Stars** 2022-06
- [2] Ministry of Education **National Scholarship** for Graduate Students 2021-12
- [3] Chongqing University Class **A Scholarship** for Master Students (3 times) 2019 to 2022
- [4] Outstanding graduate 2021-11

[5] First Prize of the 17th “Huawei Cup” China Graduate Mathematical Modeling Competition	2020-12
[6] Special Prize of the 17th “Challenge Cup” National College Students Extracurricular Academic Science and Technology Works Competition (Chongqing)	2021-08

## **Undergraduate**

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[1] Nanchang University annual <b>Top 10 Student Charismatic Figures</b>	2019-05
[2] Nanchang University 2nd “May Fourth Fenghua Medal” Nomination	2019-05
[3] Nanchang University Dah Sing Bank Scholarship	2018-05
[4] Grand Class Scholarship 1 time, First Class Scholarship 1 time, Second Class Scholarships 2 times 2016 to 2019	
[5] Excellent Graduation Thesis	2019-06
[6] Outstanding Graduate	2019-06
[7] Outstanding Student Cadre	2019-06
[8] First Prize in the American Collegiate Mathematical Modeling Competition	2018-04
[9] First Prize of the 6th China International Collegiate Mathematical Modeling Competition	2017-12
[10] First Prize of the National College Students Mathematical Modeling Competition (Jiangxi)	2017-12

## **Basic Skills**

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Solid theoretical foundations: Econometrics, Regional Economics, Industrial Economics

Proficient in applying Spatial Econometrics, SNA, SCM, DID, PSM, RDD, Bunching, PTR, PSTM

Proficient in using R, Python, Stata, MATLAB, ArcGIS, GeoDa, LaTeX, Office, etc.

Proficient in Processing data on 12306, 51Job, business registration, tax investigation, customs, industrial enterprise, patents, micro investigation, baby find home, etc.