LINGJUN LIU

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RESEARCH INTERESTS

Traditional Demographic Studies ; Aging; Social inequality; Social Policy

METHODOLOGICAL COMPETENCIES

Data & Visualization	Web Scraping; API-based Data Extraction; Statistical Visualization; Geospatial Mapping.	Python; R ; QGIS
Inferential Statistics	Regressions and Decompositions; Causal Inference; Multi-State Markov Models; Latent Class Trajectory Analysis.	R; Stata
Computational Social Science	Text-as-data Analysis (Topic modeling, Word Embeddings, Sentiment Analysis); Machine Learning.	R; Python

Personal learning notes and code related to these methods are available on *GitHub*

EDUCATION

Ph.D. in Demography   *Dec 2025*
Fudan University, School of Social Development and Public Policy

M.A. in Social Security   *Jun 2021*
Shanghai University of Engineering Science, School of Management

B.A. in Public Administration / B.Econ. in Finance   *Jun 2017*
Shandong University of Finance and Economics, School of Public Administration

ACADEMIC PAPERS

Publications:

1. **Liu, L.**, Mao, B., & Ji, F. (2025). **From patterns to pathways: Latent class trajectories of self-perceptions of aging and their causal effects on multi-state functional transitions.** *Archives of Gerontology and Geriatrics*, 133, 105827. https://doi.org/10.1016/j.archger.2025.105827 (JCR: Q2, Impact Factor: 3.8)

2. Mao, B.†, Fang, X.†, & **Liu, L.**†. (2025). **Unclosed wound: Effect of childhood access to healthcare on cardiovascular health trajectories of Chinese older adults based on entropy balancing analysis.** *Frontiers in Public Health*, 13. https://doi.org/10.3389/fpubh.2025.1602953 (JCR: Q1, IF: 3.4)

3. Ren, Y., & **Liu, L.**. (2024). **The Impact of Self-Perceived Ageism on Health and Life Expectancy Among the Elderly.** *Population and Society*, 40(5), 79–90. https://doi.org/10.14132/j.2095-7963.2024.05.007 (CSSCI, IF: 2.5)

4. Ni, Z., Su, C., & **Liu, L.**. (2023). *The Heterogeneous Effects of Urbanization on Urban–Rural Poverty: Evidence from 41 Cities in the Yangtze River Delta. Exploration of Economic Issues*, (12), 91–104. https://doi.org/CNKI:SUN:JJWS.0.2023-12-006 (CSSCI, IF: 8.5)

5. **Liu, L.**, & Li, H. (2021). **Factors Influencing Rural Communities' Willingness to Engage in Socialized Elderly Care.** *Northwest Population Journal*, 42(1), 26–37. https://doi.org/10.15884/j.cnki.issn.1007-0672.2021.01.003 (CSSCI, IF: 4.6)

6. **Liu, L.**. (2020). **A Knowledge Mapping Analysis lf Research Trends in China's Elderly Care Models .** *Research on Aging Science*, 8(11), 39–48. https://doi.org/CNKI:SUN:LLKX.0.2020-11-006 (CSCD, IF: 2.4)

Working Papers:

1. **Liu, L.**, Mao, B.,**Beyond Economic Support: Responsibility, Emotion, and Institutions in the Elder-Care Practices of China's Only-Child Generation** *(Social policy; Computational text analysi)*

2. **Liu, L.,How Do Societies Discipline Older Adults' Sense of 'Worth'? Unpacking the Social Production of Inequalities in Self-Perception of Uselessness** *(longitudinal data; decomposition analysis)*

RESEARCH EXPERIENCE

2025 – present **"Innovating Demographic Knowledge with Chinese Characteristics"**, *Shanghai Municipal Propaganda Bureau Major Project*
Currently drafting two book chapters: Big-Data and AI-Driven Demographic Research and Methodological Innovations in Demographic Research.

2022 – 2024 **"China's Population Development Strategy in the New Era"**,
Shanghai Education Commission Major Innovation Project
Participated in the design and implementation of healthy ageing surveys; led the construction of a structured survey database, including data validation, quality checks, and compilation of a detailed codebook; contributed to analytical writing in the final project report.

2020 – 2021 **"Institutional Support for Rural and Agricultural Development"**,
Shanghai Municipal Government Decision-Consulting Grant
Conducted household surveys and semi-structured interviews; applied qualitative analysis to identify structural constraints in rural governance.

2019 – 2020 **"Research on the Strategic Implementation of the Healthy China Initiative"**,
National Social Science Fund of China
Applied Markov chains and system dynamics models to simulate policy costs under different implementation scenarios for Healthy China 2030, from core healthcare spending to full-scale estimates including public health, public services, and environmental dimensions.

2019 – 2020 **"Measurement and Forecast of Health Human Capital in China"**,
Ministry of Education Philosophy & Social Sciences Major Project
Compiled a provincial-level panel dataset from statistical yearbooks ; conducted regression analysis to evaluate the impact of health human capital on economic growth and social innovation capacity.

TEACHING EXPERIENCE

Teaching Assistant, Fudan University   2021–2023
Courses: *Population Analysis*, *Population Sociology*, and *Population Issues and Social Policy*.
Responsibilities included preparing lecture materials, grading assignments, facilitating class discussions, and providing student consultation.

Workshop Presenter, Prof. Yuan Ren's Research Group   2021–present
Participated in weekly research group meetings under the supervision of Prof.Yuan Ren, presenting literature reviews and statistical methods related to quantitative social research.

BEYOND ACADEMIC RESEARCH

Knowledge Sharing: In an age of fragmented information, creating knowledge-sharing content helps me clarify and consolidate my own understanding while contributing meaningful insights to the public. Co-producer of two podcasts in china — *The Second Sex* and *Healthy Talk*.

Swimming: I find wisdom in the philosophy of water — to be focused yet flexible, embracing change with calmness and quiet strength. **Be water, my friend :)**