

XIZHU ZENG

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Education

East China University of Science and Technology(1/35)

Sep.2022 - Dec. 2024

Master of Laws in Sociology

Shanghai, China

Xiangtan University(2/34)

Sep. 2018 - Jul. 2022

Bachelor of Laws in Sociology

Hunan, China

Relevant Coursework

- Digital Sociology(95)
- Quantitative Research Methods I(94)
- Contemporary Sociological Theory(95)
- Social Research Method(93)
- Qualitative Research Methods I(97)
- Social Psychology I(97)

Research Interests

Dynamics and Transformation of Online Collective Action

Including perspectives of digital activism, social psychology and polarization

- Exploring the relationship between the collective action research based on purposeful actors and the online crowd research focusing on Intergroup Emotions.
- Attempts to incorporate the intrinsic dimensions of actors into the study of the mechanisms of networked collective action, and to propose new explanations of the relationship between identity and action.

Computational Social Science

As a methodology applicable to group research in the Internet

- Using ABM to verify my hypothesis of collective action
- Text mining and natural language processing
- Network analysis

Publication

Reconsidering the Relationship between Crowd Behavior and the Self in the Digital Age

Exploration and Free Views

under review

- Combining psychological and sociological theories of the self and online collective action research, this paper provides a description of the process of human actors' actions on the Internet and the formation of the self and appeals to the actor-internal dimension of online collective research.

Work in Process

Unveiling The Dynamics of Digital Action: Exploring Text Accumulation

Xizhu Zeng, Fangyikuang Ding

- This paper introduces Text Accumulation as a mechanism for online actor engagement and proposes a comprehensive stochastic dynamics model to understand its integrative nature and impact on collective behavior in digital spaces.
- Integrate adaptive networks, stochastic games, and neighborhood mimicry strategies to formulate a comprehensive stochastic dynamics model—a type of Agent-Based Model (ABM).
- [IC2S2 2024 Conference Submission](#)

Insulting China in Indiscrimination? A Mechanistic Explanation Based on Agent-Based Modeling

Ruomeng Liu, Xizhu Zeng, Yizhuo Zhou

- This study combines digital vigilantism and nationalism studies to provide more detailed mechanisms of subjects under the influence of media technology while advancing the understanding of ABM as a social science explanatory methodology.
- First, we draw on rational choice models in the context of game theory to identify the types of actions individuals take, while digital vigilantism provides their motivations and organizational goals. Second, drawing on Schelling's micro-motivation-macro-behavior model, we set conditions for equilibrium states.
- AEJMC 2024 Conference Submission

Trolls And Polarization: A Classification Study of Online Text Accumulation

Xizhu Zeng

- Extracting different types of text accumulation phenomena on the Internet through data mining and text analysis.
- Taking multiple hashtags on Weibo as an example, some text accumulation phenomena involve moral evaluation and trigger digital vigilantism and political polarization, but other text accumulations such as entertaining memes do not involve polarization phenomena.
- Data-driven research

Relevant Programs

The Self In Action: Reconfiguring The Unit of Online Social Action	May 2023
<i>Participated in the 9th Lilin Forum in Beijing, the highest-level sociology forum for young scholars in China</i>	
<ul style="list-style-type: none">• Independent author, work on literature review and theoretical analysis• Course paper revisions from digital sociology• Analysis of the differences between the self-assumptions of sociological theory and the self in the internet age	
Research on Digital Labor of Platform Young Knowledge Workers	Jun 2023
<i>National Youth Project of Philosophy and Social Science</i>	
<ul style="list-style-type: none">• Interviews with 8 people, including 7 Tiktok users and 1 Tiktok blogger, 30-60 minutes each• Interview data organization and classification	
Impact of Digital Information on Residents' Income	Jun 2023
<i>Course paper</i>	
<ul style="list-style-type: none">• Based on cross-sectional data using the 2020 China Family Panel Studies (CFPS)• Cleaning data, selecting variables, and formulating hypotheses• Moderating effect model based on Grant and Sumanth's three-way interactions• Correlation tests, hypothesis tests, and robustness analyses were conducted	
Shanghai Home Management Platform Enterprise Research	Apr 2024
<i>Shanghai Domestic Service Industry Association</i>	
<ul style="list-style-type: none">• Participation in symposiums and organization of textual information from interviews• Extract relevant keywords of Weibo for public opinion analysis	

Honors

First Student Scholarship <i>East China University of Science and Technology</i>	2023
Outstanding Student Representative <i>East China University of Science and Technology</i>	2023
Academic scholarships for new students <i>East China University of Science and Technology</i>	2022
Outstanding Thesis <i>Xiangtan University</i>	2022
Outstanding Graduates <i>Xiangtan University</i>	2022
First Student Scholarship <i>Xiangtan University</i>	2021
Advanced Individuals in Volunteer Service <i>Xiangtan University</i>	2020
Top Ten Club Officers (ten from the school) <i>Xiangtan University</i>	2020
Provincial Funding for Student Innovation and Entrepreneurship Competition <i>Hunan Province</i>	2020

Other Programs

Field Report: The Digital Transformation of Interpersonal Relationship of Rural Region	Jun 2021
<i>Provincial-level Project of College Students'innovation Competition</i>	
<ul style="list-style-type: none">• 187 questionnaires from two villages in Sichuan• Drafting a report titled 'Multilayered Medialization of Social Life' and contributing to a school forum	
Local Practices and Organizational Logic of Digitalization of Grassroots Governance	May 2022
<i>Outstanding Bachelor's Thesis</i>	
<ul style="list-style-type: none">• Interviewed with 12 people and conducted five governmental colloquiums• Describing the process of digitization of grassroots organizations and the mechanism of the impact of digital technology through actor-network theory	
Spatial visualization of regional differences in urban-rural income equity	May 2023
<i>Course paper of Space Analysis in Social Sciences</i>	
<ul style="list-style-type: none">• Ordered categorical variables were extracted and sorted and clustered into groups based on the resulting means• Grouped regressions were performed and the results were visualized using ArcGIS pro	
Municipal Project: Changes in Peasants' Lifestyles	May 2023
<i>China Urban and Rural Development Research Center, Shanghai</i>	
<ul style="list-style-type: none">• Questionnaires designing, revising and collection• Revision of the final government report, involving data cleaning and chart generation	

Teaching Experience

TA for Introduction to Social Research Methods <i>East China University of Science and Technology</i>	2023
Instructor of a voluntary public service class on media theory <i>NGO Gezhi Project</i>	2023
Deputy Leader of graduate Group Fieldwork <i>East China University of Science and Technology</i>	2023
Leader of the Undergraduate Book Club of Sociology <i>East China University of Science and Technology</i>	2023
Leader of the Undergraduate Book Club of Sociology <i>Xiangtan University</i>	2021
Facilitator of the STS Seminar <i>Personal</i>	2021
Facilitator of the Digital Sociology Seminar <i>Personal</i>	2024

Skills

Programming Languages: Python, R, HTML/CSS

Data Analysis and Statistics: Stata, SPSS, Python, R

Language: Mandarin Chinese(native), English(fluent), Germany(elementary)

Document Management: LaTeX, Git, SQL

Leadership / Extracurricular

Student Mental Health Association

Spring 2019 – Spring 2020

President

Xiangtan University

- Organized an online psychological quiz competition and a book club on psychological classics
- Received the school's Top Ten Club Officers Award for the year

The Spinning Stairs Poetry Club

Spring 2020 – Spring 2021

Editorial Director

Xiangtan University

- Holding a cross-school poetry reading and writing activities
- Creating a WeChat Official Account for an Online Community of Young Poets

The Xinshilin Academic Salon Association

Autumn 2018 – Spring 2022

Officer

Xiangtan University

- Contacting students and scholars for presentations on academic topics
- Briefing paper writing and poster production
- Speaking at public forum events and moderating selected events

Hobbies

Sports: volleyball, ping pong, badminton

Music: post punk, fusion jazz