

GUODONG JU

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EDUCATION

2020.9-Current PhD, Social Policy, London School of Economics, London, Britain

Passed Major Review in Sep, 2021

Supported by LSE PhD Studentship

2017.9-2020.6 MPhil., Sociology, Nanjing University, Nanjing, China.

Expertise: Causal Inference, Computational Social Science

2018.9-2019.6 Certificate Student in the Hopkins Nanjing Center, Nanjing, China.

1-year English program

2013.9-2017.6 BSc., Biology, Nanjing University, Nanjing, China.

Enrolled in the “Mount Everest Plan” program

PUBLICATION

- IN ENGLISH

Yunsong Chen, Guangye He, **Guodong Ju** (corresponding), 2022 “The Hidden Sexual Minorities: Machine Learning Approaches to Estimate the Sexual Minority Orientation among Beijing College Students.” *Journal of Social Computing* 3(2), <https://ieeexplore.ieee.org/document/9832832>.

Weigang Gong, **Guodong Ju**, Meng Zhu, Senhu Wang, Wei Guo, and Yunsong Chen, 2022, “Exploring the longitudinal relationship between lockdown policy stringency and public negative emotions among 120 countries during the COVID-19 pandemic: Mediating role of population mobility”, *Frontiers in Psychiatry*, <https://doi.org/10.3389/fpsy.2022.753703>.

Guodong Ju, Jiankun Liu, Guangye He, Xinyi Zhang, Fei Yan, 2021, “Literary Destination Familiarity and Inbound Tourism: Evidence from Mainland China”, *Journal of Social Computing* 2(2): 193-206, <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9520809>.

- IN CHINESE

Guodong Ju, Yunsong Chen, 2022, “The Logical Power of Graphs: The Concept of Causal Graphs and their Applications.” *Chinese Journal of Sociology* 42(3). (《社会》)

- Yunsong Chen, Xiaogang Wu, Anning Hu, Guangye He, **Guodong Ju**, 2020, "Social Prediction: A New Research Paradigm Using Machine Learning." *Sociology Studies* (3): 94-117. (《社会学研究》)
- (See the English version in *The Journal of Chinese Sociology* from:
<https://link.springer.com/article/10.1186/s40711-021-00152-z>)
- Yunsong Chen, Buwei Chen, **Guodong Ju**, Boyang Zhang, Ziyang Xu, Rongjing Xu, 2020, "A Quantitative Assessment Method for Urban Systemic Risk in the Case of a Major Epidemic Outbreak." *Journal of Xi'an Jiaotong University (Social Sciences)* 40(4): 33-41. (《西安交通大学学报-社会科学版》)
- Guodong Ju**, Yunsong Chen, Guangye He, 2019, "The Coauthor Networks of Chinese Scholars in Humanity and Social Science." *Journal of Social Science in Tsinghua University* 1(1). (《清华社会科学》)
- Yunsong Chen, Guangye He, **Guodong Ju**, 2019, "Unrelated Mobility Concern: Are Social Classes in China Becoming Solidified?" *Sociology Review of China* (6): 49-67. (《社会学评论》)
- Yunsong Chen, **Ju Guodong**, 2018, "War and Poetry Production in Tang Dynasty." *Sociology Review in Tsinghua University* 10. (《清华社会学评论》)

- WORKING PAPER

- Guodong Ju**, Wen Ma, and Yunsong Chen, "Is the Saying 'Bigger Budget for Raising Daughters' Useful? —Chastity, Poverty, and Parenting Styles in the New China" (under review).
- Guodong Ju**, "The Effects of Intensive Intergroup Contact on Chinese Youth's Attitude towards LGB Peers", *First paper for dissertation*.
- Guodong Ju**, Timothy Hildebrandt, and Blake Miller, "Categories and Cancellation: Exploring the Life Course of 800,000 Registered Chinese NGOs".
- Guodong Ju**, "Activities, Discipline, and Leadership: Exploring and explaining an imagined LGBTQ+ community on Chinese Social Media", *Second paper for dissertation*.

CONFERENCES PRESENTATION

- 2022.12 2022 International Chinese Sociological Association Annual Conference.
- 2022.09 CIVICA Research Conference, Central European University, Budapest (poster presenter).
- 2022.05 Debugging inequality in Data Science, LSE data institute, London.
Best oral presentation (£500 grants, top 1/15).
- 2021.11 Winter conference for stratification and migration, Beijing, China, held by China Agricultural University. (Online)
- 2021.10 The 7th Sociological Youth Forum, Beijing, China, held by Chinese Academy of Social Science. (Online)
- 2019.07 Annual Conference of Chinese Sociological Association, Quantitative

- Sociology Frontline Forum, in Yunnan, China.
- 2018.10 The 4th Sociological Youth Forum, Shanghai, China, held by Chinese Academy of Social Science.
“*Outstanding Paper Award*”(top 9/170).
- 2018.07 Annual Conference of Chinese Sociological Association, Social Capital and Social Network Forum, in Nanjing, China.
“*Best Paper Award*” (top 1/22).
- 2018.05 The 2nd Historical Forum for Youth Scholar in Nanjing, China, Department of History, Nanjing University.
“Outstanding Paper Honor (third-class)” (18/202).
- 2018.07 The 6th Summer School for Quantitative History, in Shandong, China, held by University of Hong Kong, Tsinghua University & Peking University.
- 2017.07 The 5th International Symposium on Quantitative History, in Henan, China, held by University of Hong Kong.
- 2017.07 Annual Conference of Sociological Association, Cultural Sociology Forum, in Shanghai, China.
“*Best Paper Award*” (top 2/33).
- 2017.06 Summer School of Big Data & Intelligent Computation, in Hunan, China, held by Chinese National University of Defense Technology.

EXPERTISE

I conduct research mainly with **three quantitative approaches**:

- **Causal Inference** (Rubin Causal Model & Causal Graph, RCT, Quasi-experiment methods, Conjoint Analysis, A/B Test)
- **Computational Social Science** (Supervised Learning; Natural Language Processing, Semi-supervised Learning)
- **Social Network Analysis**

Software & Toolkit:

Stata; Python; R; QGIS; GeoDa; CytoScape (Professional SNA Software); HighCharts (Online Visualization Tool), Cloud Computing (Amazon, Google)

Highlight:

Extensive experience in **Web Scraping**. Collected data from website sources including Google n-gram, Twitter, IMDB, American Congress, Chinese Ministry of Civil Affairs, Zhihu, NYT, and etc.

ONLINE COURSES & CERTIFICATES

Social and Economic Networks: Models and Analysis (Standard University)

taught by Prof. Matthew O. Jackson, completed online (Coursera Platform).

Using Big Data to Solve Economic and Social Problems (Harvard University)

taught by Prof. Raj Chetty, completed online (Harvard Course Website)

CITI Program Online Course (MIT)

earn the certificate of analyzing clinic data from MIT

C++ Programming

earn the certificate of C++ programming (second-class) from Ministry of Education of the People's Republic of China.

EXTRA-CURRICULAR ACTIVITIES

2019 Summer Research Assistant at the Center for Complex Decision Analysis, Fudan University.

2019 Web Scraping Trainer at the 3rd Computational Social Science seminar, Sun Yat-Sen University.

2018.08 Youth Innovation Training Forum, in Singapore, held by NanYang Technological University.

2017-2019 Student editor with “Quantitative Sociology (*Ding Liang Qun Xue*)” on Wechat, which is a professional knowledge sharing online platform with over 30,000 subscribers.