

HAN ZHANG

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EDUCATION

- **Princeton University**

Ph.D., Sociology, 2020

M.A., Sociology, 2018

Dissertation Committee: Matthew Salganik (chair), Yu Xie, Miguel Centeno, Brandon Stewart.

- **Peking University**

B.S., Computer Science and B.A., History (Minor), 2013

CURRENT POSITION

- **The Hong Kong University of Science and Technology**

Assistant Professor, Division of Social Science, 2020 -

RESEARCH INTERESTS

- Computational Social Science, Social Movements, Political Sociology, Social Networks, Quantitative Methods

PUBLICATIONS

- **Han Zhang** and Yilang Peng (2022), “Automated Image Clustering for Social Scientists: Review and Assessment of the Performance”. *Sociological Methods and Research*, accepted.
- Wei, Lai, Elaine Yao, and **Han Zhang** (2021), “Authoritarian Responsiveness and Political Attitudes during COVID-19: Evidence from Weibo and a Survey Experiment.” *Chinese Sociological Review*, online first.
- **Han Zhang** and Jennifer Pan (2019), “CASM: A Deep-Learning Approach for Identifying Collective Action Events with Text and Image Data from Social Media”. *Sociological Methodology*, 49(1), 1–57.
Data and codes available at Harvard Dataverse:
<https://doi.org/10.7910/DVN/SS4LNN>
- **Han Zhang**, Shawndra Hill and David Rothschild (2018), “Addressing Selection Bias in Event Studies with General Purpose Social Media Panels”. *Journal of Data and Information Quality*, 10(1), 1936-1955.

WORKING PAPERS

- Larry Liu and **Han Zhang** (2021), “ Robots and Protest: Does Increased Protest Among Chinese Workers Result in More Automation?”. Revise and resubmit.
- **Han Zhang** (2021), “The Changing Landscape of Collective Action Events in China ”. Revise and resubmit.
- **Han Zhang**, Yao Lu, and Rui Bai, “Underrepresentation and Misrepresentation: Selection and Description Bias in Protest Reporting by Government and News Media on Weibo”. Under review.
- **Han Zhang** (2021), “How Protests Polarize Ideologues but Silence Moderates: Evidence from Natural Experiments in Hong Kong”. Under review.
- **Han Zhang** (2021), “How to Use Machine Learning Classification as Dependent or Independent Variables in Regression Analysis”. Under review.

WORK IN PROGRESS

- **Han Zhang**, Xu Xu, Wenwei Peng, and Jennifer Pan, “Mass Surveillance and Protest in China”.
- **Han Zhang** Global Perception of White Privilege: Evidence from Millions of Product Images from E-Commerce Websites

EXTERNAL FUNDINGS

- Hong Kong Research Grant Council, Early Career Scheme (ECS No. 26600321), “Whether and When Grievances Become Protests in China: A Big Data Approach” (Jan 2022 - Jan 2024). HK\$ 568,150.

AWARDS AND HONORS

- Best Paper Award, International Communication Association, Computational Methods Division, 2021.
- The Mayer Zald Best Graduate Student Paper Award, Section on Collective Behavior and Social Movements, American Sociological Association, 2016.
- Graduate Fellowship, Princeton University, 2013-2018.

SERVICES

- Co-Hosting the first The Summer Institutes in Computational Social Science in Hong Kong (https://sicss.io/2021/hong_kong/)

TEACHING

- *Econometric Approaches to Social Science Research* (PhD course)
- *Computational Social Science*, co-listed for UG and master students.

ADVISING

- Chuyao Wang, MPhil, Dissertation Chair (2021 -)

**INDUSTRY
EXPERIENCE**

- Research Intern, Microsoft Research (New York City) Summer 2015
Working with Dr. David Rothschild and Dr. Shawndra Hill.
- Research Intern, Microsoft Research (Asia) Summer 2014
Working with Dr. Xing Xie and Dr. Nicholas Yuan Jing.

**RECENT
CONFERENCE
PRESENTATIONS**

- American Political Science Association Annual Meeting, 2021 - 2018
- American Sociological Association Annual Meeting, 2021 - 2016
- Society for Political Methodology Annual Meeting, Jul. 2018
- The Annual Young Scholars Conference on Social Movements, 2018

REVIEWERS

American Journal of Sociology, American Sociological Review, Sociological Focus, Sage Open, Mobilization, The IEEE International Conference on Data Mining (ICDM)

SKILLS

Programming

- Python (9 years), SQL (8 years), R (7 years), Julia (1 year).

Language

- Chinese (native), English (fluent).