HAN ZHANG

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Watson Institute for International and Public Affairs, Brown University
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EMPLOYMENT

- **Brown University**
  Assistant Professor of Sociology and International and Public Affairs
  Department of Sociology and the Watson Institute for International
  and Public Affairs
  2024 - present

- **The Hong Kong University of Science and Technology**
  Assistant Professor
  Division of Social Science
  2020 - 2024

EDUCATION

- **Princeton University**
  Ph.D., Sociology, 2020
  M.A., Sociology, 2018

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

- **Peking University**
  B.S., Computer Science and B.A., History (Minor), 2013

**RESEARCH
INTERESTS**

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

PUBLICATIONS

- Linda Cheng, Yao Lu and **Han Zhang** (forthcoming), "Gendered Erasure and Manufactured Passivity: Asymmetric Media Attention to Protests in China." *Mobilization.*

- **Han Zhang** (2023) "Analyzing Image Data with Machine Learning.", in Christian Borch and Juan Pablo Pardo-Guerra (eds.), *The Oxford Handbook of the Sociology of Machine Learning.* Oxford University Press, 2023.

- **Han Zhang**, Yao Lu, and Rui Bai (forthcoming), "Underrepresentation and Misrepresentation: Selection and Description Bias in Protest Reporting by Government and News Media on Weibo." *The China Quarterly.*

- Larry Liu and **Han Zhang** (2023). "Robots and Protest: Does Increased Protest Among Chinese Workers Result in More Automation?" *Socio-Economic Review*, 21(3), 1751-1772.

- Wei, Lai, Elaine Yao, and **Han Zhang** (2023), "Authoritarian Responsiveness and Political Attitudes during COVID-19: Evidence from Weibo and a Survey Experiment.", *Chinese Sociological Review*, 55(1), 1-37.

- **Han Zhang** and Yilang Peng (2022), "Automated Image Clustering for Social Scientists: Review and Assessment of the Performance." *Sociological Methods and Research.*

- **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.

- **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.

MANUSCRIPTS UNDER REVIEW

- **Han Zhang** (2022), "How the Chinese Government Uses Digital Surveillance to Prevent Collective Action."

- **Han Zhang** (2022), "How to Use Machine Learning Classification as Dependent or Independent Variables in Regression Analysis".

- **Han Zhang** (2021), "How Protests Polarize Ideologues but Silence Moderates: Evidence from Natural Experiments in Hong Kong".

- **Han Zhang**, Wang Shu, "Global Systematic Quantification of CCTV Camera Surveillance in Public Space."

EXTERNAL FUNDINGS

- Hong Kong Research Grant Council, General Research Fund (No. 16602423), "Will More Surveillance Cameras Lead to Fewer Protests? A Global Level Analysis " (2023 - teminated). HKD $ 530,400.

- Hong Kong Research Grant Council, Early Career Scheme (No. 26600321), "Whether and When Grievances Become Protests in China: A Big Data Approach" (2022 - terminated). HKD $ 568,150.

AWARDS

- Best Paper Award, Computational Methods Division, International Communication Association, 2021.

- The Mayer Zald Best Graduate Student Paper Award, Section on Collective Behavior and Social Movements, American Sociological Association, 2016.

SERVICES
- Co-Hosting the The Summer Institutes in Computational Social Science in Hong Kong, 2021 and 2022. (`https://sicss.io/2021/hong_kong/`)
- Editoral Board, *Sociological Methodology*, 2025-2027

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

ADVISING
- Jingchen Li, MPhil, Dissertation Chair (2022 - 2024)
- Pei Chen, MPhil, Dissertation Chair (2022 - 2024)
- Chuyao Wang, MPhil, Dissertation Chair (2021 - 2023)

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.

CONFERENCE PRESENTATIONS
- American Political Science Association Annual Meeting, 2022 - 2018
- American Sociological Association Annual Meeting, 2022 - 2016
- Society for Political Methodology Annual Meeting, 2018, 2021

INVITED TALKS
Yale University, CUNY, The City University of New York, The University of Hong Kong, City University of Hong Kong, The University of Macau, Peking University, Renmin University of China, Nanjing University, Shanghai University.

REVIEWERS
American Journal of Sociology, American Sociological Review, American Political Science Review, Comparative Political Studies, Sociological Methods and Research, Political Analysis, Chinese Sociological Review, Sociological Focus, Sage Open, Mobilization, The IEEE International Conference on Data Mining (ICDM)