

YUANMO HE

Department of Methodology

London School of Economics and Political Science

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APPOINTMENTS

Fellow in Advanced Quantitative Methods, Department of Methodology 09/2024 - present
London School of Economics and Political Science (LSE)
· Affiliate, LSE Data Science Institute

EDUCATION

PhD Social Research Methods 09/2020 - 09/2024
London School of Economics and Political Science
· Supervisors: Milena Tsvetkova and Kenneth Benoit
· Examiners: Aaron Reeves and Julia Koltai

Research visits:

· Complex Systems Summer School, Santa Fe Institute, US 06-07/2023
· Workshop on Inequality Across Scales, Space, Time and Domains, The Abdus Salam International Centre for Theoretical Physics, Italy 04/2023

MSc Applied Social Data Science (Distinction) 09/2019 - 09/2020
London School of Economics and Political Science

BSc Social Sciences (First Class Honours) 09/2016 - 06/2019
University College London (UCL)

Additional training

Postgraduate Certificate in Higher Education (awarding FHEA), LSE Eden Centre 09/2024 - 06/2026
AI Safety Fundamentals: Alignment, Bluedot Impact 10/2024 - 01/2025
Generative AI with Large Language Models, DeepLearning.AI 04/2024

PEER-REVIEWED PUBLICATIONS

Yuanmo He and Milena Tsvetkova. 2025. A Method for Estimating Individual Socioeconomic Status of Twitter Users. *Sociological Methods & Research*. 54(1):38–73. doi: 10.1177/00491241231168665

WORK IN PROGRESS

Yuanmo He and Milena Tsvetkova. 2025. High Socioeconomic Status is Associated with Diverse Consumption across Brands and Price Levels. *arXiv*. <https://arxiv.org/abs/2506.13840>. (**Honourable mention** at the 2023 International Conference on Computational Social Science).

Yuanmo He. Socioeconomic Inequality in Social Capital and Communication Behaviors on Twitter.

AWARDS AND FUNDING

LSE Excellence in Education Award , LSE	2025
LSE PhD Studentship , £140,000, LSE	2020-2024
Honourable mentions , International Conference on Computational Social Science	2023
Partial Registration Fee Waiver , \$2000, Complex Systems Summer School, Santa Fe Institute	2023
Departmental PhD Support Funding , £2000, LSE	2023
Data Collection Fund , £530, LSE	2023
Postgraduate Travel Fund , £2000, LSE	2022-2023
UCL Institute of Education Faculty Medal , UCL	2019

CONFERENCE PRESENTATIONS

Socioeconomic Inequality in Social Capital and Communication Behaviors on Twitter.

- The III at 10: New Directions in Inequality Research, London, UK 09/2025
- Sunbelt Conference (International Network for Social Network Analysis), Paris, FR 06/2025

Millions of Mobile-tracked Visits Reveal Socioeconomic Inequality of Daily Consumption.

- The Annual Meeting of the American Sociological Association (Section on Computational Sociology), Philadelphia, US 08/2023
- International Conference on Computational Social Science, Copenhagen, DK 07/2023
- Annual Conference of the International Network of Analytical Sociologists, Princeton, US 06/2023
- ODISSEI Conference for Social Science, Utrecht, NL 11/2022
- European Conference on Social Networks, London, UK 09/2022

A Method for Estimating Individual Socioeconomic Status of Twitter Users.

- Correspondence Analysis and Related Methods, Bonn, DE 09/2023
- General Online Research, online 09/2021
- The Annual Meeting of the American Sociological Association (Section on Inequality, Poverty, and Mobility: New Approaches to Understanding and Addressing Inequality), online 08/2021
- International Conference on Computational Social Science, online 07/2021

TEACHING

Seminar Leader, Department of Methodology, LSE

- MY361/MY461 Social Network Analysis Winter Term 2025 and 2026
- MY470 Computer Programming Autumn Term 2024 and 2025
- MY472 Data for Data Scientists Autumn Term 2025
- MY452 Applied Regression Analysis Winter Term 2025

Lecturer (co-convener), LSE Summer School

- ME202 Social Network Analysis 08/2025

Seminar Leader, LSE Summer School

- ME314 Introduction to Data Science and Machine Learning 07/2022

Graduate Teaching Assistant, Department of Methodology, LSE	
· MY474 Applied Machine Learning	Winter Term 2022 and 2023
· MY470 Computer Programming	Autumn Term 2021
Teaching Assistant, Data Science Summer School, The Hertie School	
· Introduction to Python Programming (online)	07/2021

ACADEMIC SERVICE

Chair, From Innovation to Governance: How AI is Shaping Global Connections, LSESU China Development Society	16/10/2025
Chair, LSESU 93% Club Social Mobility Summit	27/05/2025
Developing A Method for Estimating the Socioeconomic Status of Twitter Users, Sage Research Methods Video: Quantitative and Mixed Methods.	2023
PhD Representative of the Department of Methodology, LSE	2022-2023
Co-organiser, Quantitative Methods Reading Group, LSE	2021-2022
Presenter and Discussant, Doctoral Seminar, International Inequalities Institute, LSE	2021-2023

Career Development Panels

Panellist, PhD Access Panel Discussion, LSE Department of Methodology, UK	17/11/2025
Panellist, Alumni Panel and Networking Event: What I Did After Completing My Degree, UCL Social Research Institute, UK	26/02/2025
Panellist, Coping with the demands of academia, Young Researchers of the Complex Systems Society Warm-up, Northeastern University in London, UK	31/08/2024
Panellist, PhD x MSc Career Development Event, LSE Department of Methodology	16/10/2024
Panellist, Q&A Panel with alumni, UCL Social Research Institute	21/05/2024
Panellist, MSc-PhD event, LSE Department of Methodology	14/11/2023
Panellist, MSc ASDS professionalisation Seminar, LSE Department of Methodology	07/02/2023
Panellist, MSc ASDS Alumni Panel, LSE Department of Methodology	23/09/2022
Panellist, ASDS Professionalisation Seminar (Academic Routes). LSE Department of Methodology	18/03/2022
Panellist, ASDS Professionalisation Seminar - international PhD applications, LSE Department of Methodology	05/11/2020
Panellist, MSc ASDS Alumni Panel, LSE Department of Methodology	25/09/2020

SKILLS AND INTERESTS

Programming language & statistical software: Python, R, SQL, Spark, Git, Stata, SPSS

Advanced Data Analysis: machine learning, natural language processing, large language models, social network analysis, multivariate analysis, causal analysis, parallel computing, cloud computing

Languages: Chinese (native), English (bilingual)

Stand-up Comedy: Semi-finalist at So You Think You're Funny? 2025 national competition.

Writing: Writing a blog on things that I find interesting at yuanmohe.substack.com

REFERENCES

Milena Tsvetkova

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London School of Economics and Political Science
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Kenneth Benoit

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Patrick Sturgis

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