YUANMO HE

Department of Methodology

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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 · 04/2023
   Salam International Centre for Theoretical Physics, Italy

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 - 11/2025
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.

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

· MY470 Computer Programming	Autumn Term 2025
· MY472 Data for Data Scientists	Autumn Term 2025

Lecturer (co-convener), LSE Summer School

· ME202 Social Network Analysis	08/2025

Seminar Leader, Department of Methodology, LSE

· MY361/MY461 Social Network Analysis	Winter Term 2025
· MY452 Applied Regression Analysis	Winter Term 2025
· MY470 Computer Programming	Autumn Term 2024

Graduate Teaching Assistant, Department of Methodology, LSE

· MY474 Applied Machine Learning	Winter Term 2022 and 2023
· MY470 Computer Programming	Autumn Term 2021

Seminar Leader, LSE Summer School

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

Teaching Assitant, 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	2025
Chair, LSESU 93% Club Social Mobility Summit	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

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

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

Associate Professor of Computational Social Science

Department of Methodology

London School of Economics and Political Science

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Kenneth Benoit

Dean of the School of Social Sciences

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