

YUANMO HE

Department of Methodology

London School of Economics and Political Science

London WC2A 2AE UK

y.he54@lse.ac.uk | yuanmohe.com

EDUCATION

PhD Social Research Methods 09/2020 - 09/2024

London School of Economics and Political Science (LSE)

- Supervisors: Milena Tsvetkova and Kenneth Benoit

- Additional training/research visit: Complex Systems Summer School, Santa Fe Institute, 2023;

Workshop on Inequality Across Scales, Space, Time and Domains, The Abdus Salam International Centre for Theoretical Physics, 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)

PUBLICATIONS

Yuanmo He and Milena Tsvetkova. 2023. A method for estimating individual socioeconomic status of Twitter users.. *Sociological Methods & Research*. doi: 10.1177/00491241231168665.

Yuanmo He and Milena Tsvetkova. 2024. Millions of Mobile-tracked Visits Reveal Socioeconomic Inequality of Daily Consumption. *Submitted*.

CONFERENCE PRESENTATIONS

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 (**honourable mentions**, coauthor presented) 07/2023

- The 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

Graduate Teaching Assistant, Department of Methodology, LSE

- MY474 Applied Machine Learning 01/2022 - 04/2022; 01/2023 - 04/2023

- MY470 Computer Programming 09/2021 - 12/2021

Class Teacher, LSE Summer School

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

ACADEMIC SERVICE

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 HONORS

LSE PhD Studentship , LSE	2020-2024
Postgraduate Travel Fund , LSE	2021-2022
UCL Institute of Education Faculty Medal , UCL Institute of Education	2019

SKILLS AND INTERESTS

Programming language & statistical software: Python, R, SQL, Git, Stata, SPSS
Python packages: NumPy, SciPy, pandas, scikit-learn, Matplotlib, NetworkX, PyTorch (non-exhaustive)
R packages: tidyverse, tm, quanteda, glmnet, tree, randomForest, e1071, igraph, statnet (non-exhaustive)
Advanced Data Analysis: machine learning, natural language processing, social network analysis, multivariate analysis, causal analysis, parallel computing, cloud computing
Languages: Chinese (native), English (bilingual)
Stand-up Comedy: Performed at a departmental party, an academic workshop, and a summer school. Trying to find time for comedy clubs between finishing a PhD and finding a job.

REFERENCES

Dr Milena Tsvetkova, Department of Methodology, LSE — m.tsvetkova@lse.ac.uk
Professor Kenneth Benoit, Data Science Institute, LSE — K.R.Benoit@lse.ac.uk