

# YUANMO HE

Department of Methodology

London School of Economics and Political Science

London WC2A 2AE UK

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

## EDUCATION

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<b>PhD Social Research Methods</b>	09/2020 - 09/2024
London School of Economics and Political Science (LSE)	
- Supervisors: Milena Tsvetkova and Kenneth Benoit	
<b>MSc Applied Social Data Science (Distinction)</b>	09/2019 - 09/2020
London School of Economics and Political Science	
<b>BSc Social Sciences (First Class Honours)</b>	09/2016 - 06/2019
University College London (UCL)	

## WORKING PAPER

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- He, Y** and Tsvetkova, M. A method for estimating individual socioeconomic status of Twitter users. *arXiv preprint arXiv:2203.11636. Forthcoming in Sociological Methods & Research.*
- He, Y** and Tsvetkova, M. Mobile-tracked Visits to Millions of Places Reveal Socioeconomic Inequality of Daily Consumption in the United States. *Manuscript available upon request.*

## CONFERENCE PRESENTATIONS

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- Mobile-tracked Visits to Millions of Places Reveal Socioeconomic Inequality of Daily Consumption in the United States
- ODISSEI Conference for Social Science, Utrecht, NL 11/2022
  - European Conference on Social Networks, London, UK 09/2022
  - International Conference on Computational Social Science, Chicago, US (coauthor presented) 07/2022
- A method for estimating individual socioeconomic status of Twitter users.
- 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

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- Graduate Teaching Assistant, Department of Methodology, LSE
- MY474 Applied Machine Learning 01/2022 - 06/2022; 01/2023 - 06/2023
  - MY470 Computer Programming 09/2021 - 12/2021
- Class Teacher, LSE Summer School
- ME314 Introduction to Data Science and Machine Learning 07/2022

## ACADEMIC SERVICE

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- PhD Representative of the Department of Methodology, LSE 2022-2023
- Co-organiser, Quantitative Methods Reading Group, LSE 2021-2022
- Discussant, Doctoral Seminar, International Inequalities Institute, LSE 2021-2022

## AWARDS AND HONORS

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

## SKILLS

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

**Python packages:** NumPy, SciPy, pandas, scikit-learn, Matplotlib, NetworkX (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 (full professional proficiency)

## REFERENCES

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**Dr Milena Tsvetkova**, Department of Methodology, LSE — [m.tsvetkova@lse.ac.uk](mailto:m.tsvetkova@lse.ac.uk)

**Professor Kenneth Benoit**, Data Science Institute, LSE — [K.R.Benoit@lse.ac.uk](mailto:K.R.Benoit@lse.ac.uk)