YUANMO HE

Department of Methodology

London School of Economics and Political Science

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EDUCATION

PhD Social Research Methods   09/2020 - 09/2024

London School of Economics and Political Science (LSE)

- Supervisors: Milena Tsvetkova and Kenneth Benoit

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)

WORKING PAPER

He, Y and Tsvetkova, M. A method for estimating individual socioeconomic status of Twitter users. *arXiv preprint* arXiv:2203.11636. *Conditional acceptance at 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

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

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

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

LSE PhD Studentship, LSE   2020-2024

Postgraduate Travel Fund, LSE   2021-2022

UCL Institute of Education Faculty Medal, UCL Institute of Education   2019

SKILLS

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

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