YONGCHAO MA

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RESEARCH INTERESTS

Adaptive Survey Design, Survey Nonresponse, Quantitative Methods, Inequality & Stratification

EDUCATION

Utrecht University, The Netherlands   Exp. *Jun 2021*

M.Sc., Methodology & Statistics
Track: European Master in Official Statistics (EMOS)

University of Macau, Macau   *Jun 2019*

M.A., Criminology & Criminal Justice

Linköping University, Sweden   *Jan 2019*

Exchange, Computational Social Science

PROFESSIONAL EXPERIENCE

Statistics Netherlands   Sep 2020 - Present
Intern, Department of Methodology   *The Hague, The Netherlands*

· Optimal stratification in Bayesian adaptive survey designs
· Supervised by Dr. Nino Mushkudiani, Prof. Dr. Barry Schouten
· Reduce survey nonresponse bias by effectively and efficiently stratifying the target population into subgroups that can be approached by different data collection strategies

Utrecht University   Feb 2020 - Present
Research Assistant, Faculty of Social and Behavioural Sciences   *Utrecht, The Netherlands*

· ASReview: open-source software for screening academic papers with machine learning techniques
· Supervised by Prof. Dr. Rens van de Schoot
· Preprocess the metadata of training data sets
· Back–end Python API and front–end JavaScript user interface development

PUBLICATIONS

van de Schoot, R., de Bruin, J., Schram, R., Zahedi, P., de Boer, J., Weijdema, F., Kramer, B., Huijts, M., Hoogerwerf, M., Ferdinands, G., Harkema, A., Willemsen, J., **Ma, Y.**, Fang, Q., Hindriks, S., Tummers, L., and Oberski, D., Accepted. Open Source Software for Efficient and Transparent Reviews. *Nature Machine Intelligence.*

PRESENTATIONS

Ma, Y., 2016. The Change of the Sociopolitical Attitudes of the Middle Class in China: 2003–2013. Paper presented at the Annual Meeting of the Chinese Sociological Association.

SOFTWARE DEVELOPMENT

`asreview` in Python: Active learning for systematic reviews (core development team member)

HONORS & AWARDS

Outgoing Exchange Scholarship, University of Macau *May 2018*

CERTIFICATES

China National Computer Rank Examination, Level 4 (Network Engineering) *Sep 2015*

China National Computer Rank Examination, Level 3 (Computer Network) *Mar 2015*

China National Computer Rank Examination, Level 2 (C Programming Language) *Sep 2014*

TECHNICAL SKILLS

Programming Language R, Python, JavaScript, Markdown, SQL
Statistical Software SPSS, Stata, HLM, Mplus
Other Software git, LaTeX

PROFESSIONAL AFFILIATIONS

Asian Criminological Society