Hsuan Lee

Utrecht, the Netherlands

✉ h.lee@uu.nl ⬤ HsuanLee01 🖥 Hsuan Lee

EDUCATION

Utrecht University   Sep. 2021 – Jun. 2023(exp.)
M.Sc. in Methodology and Statistics(Research Master) - Data Science Track   *Utrecht, the Netherlands*

Soochow University   Sep. 2016 – Jun. 2020
B.A. in Sociology   *Taipei, Taiwan*

Southeast University   Feb. 2019 – Jun. 2019
University-Level Student Exchange Program   *Nanjing, China*

Charles University   Sep. 2018 – Feb. 2019
Faculty-Level Student Exchange Program   *Prague, Czech Republic*

COURSEWORK / SKILLS

- Mathematical Statistics
- Biostatistics
- Bayesian Statistics
- Multivariate Statistics
- Causal Inference
- Multilevel Modelling
- Structural Equation Modelling
- Survey Data Analysis
- Data Science
- Psychometrics

PROJECTS

Changepoints Inference in REH of Social Networks   Sep. 2022 – Jun. 2023(exp.)

This project aims to seek a new approach to infer changepoints in social networks. To this end, I introduce, compare and evaluate the feasibility of applying multiple changepoint detection methods in the Relational Event History data (i.e., a type of social network data) framework.

EXPERIENCES

Methodology and Statistics, Utrecht University ⬀   Jan. 2023 – Mar. 2023(exp.)
Student Assistant   *Utrecht, the Netherlands*

Assisting Dr. Mahdi Shafiee Kamalabad in preparing, updating, and inspecting materials for the social network section of the Network Science course.

Methodology and Statistics, Utrecht University ⬀   Aug. 2022
Teaching Assistant   *Utrecht, the Netherlands*

Assisted Dr. Dave Hessen in teaching multivariate statistics, i.e., t-test, one/two way ANOVA, Linear Regression, ANCOVA, Advanced Linear Regression(dummy variable), one/two way MANOVA, Repeated Measures Analysis, Logistic Regression, and Principle Component Analysis(PCA).

TECHNICAL SKILLS

Languages: R, Python(learning)
Statistical Softwares: Mplus, SPSS, JAGS, JASP
Others: Github, LaTeX, Zotero

EXTRACURRICULAR

Network Science Study Group   Nov. 2022 – Present
Member   *Utrecht University*

Data Science Study Group   Sep. 2022 – Present
Member   *Utrecht University*

Office of International and Cross-Strait Academic Exchange   Sep. 2019
Invited Speaker   *Soochow University*