Hsuan Lee

Personal Website | @ h.lee1@students.uu.nl | GitHub | Utrecht, the Netherlands

Education

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

- **Network Science Research Group**
- **Data Science Research Group**

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

- **Recipient of Departmental Award for the Best B.A. Thesis**
- **Speaker for the Office of International Academic Exchange**

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

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

Projects

Changepoint Detection in Social Networks: an Extension of the Relational Event Model | *GitHub*

- 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.

Experience

Statistical Consultant — Utrecht, the Netherlands
Methodology and Statistics, Utrecht University — *Apr. 2023(exp.)*

- Providing statistical consulting for undergraduate and master students at Utrecht University.

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

- Assisting Dr. Mahdi Shafiee Kamalabad in preparing, updating, and inspecting materials for the social network section of the Network Science course.
- Assisting a PhD student in simulating social network data, i.e. Relational Event History Data.

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

- Assisted Dr. Dave Hessen in teaching multivariate statistics covering: t-test, one/two way ANOVA, Linear Regression, ANCOVA, Advanced Linear Regression (one-hot encoding), one/two way MANOVA, Repeated Measures Analysis, Logistic Regression, and Principle Component Analysis.

Technical Skills

Analytical Skills: Mathematical, Bayesian, Multivariate, and Biostatistics, Causal Inference, Structural Equation and Multilevel Modeling, Psychometrics, Survey Data Analysis, and Data Science

Languages: R (Advanced), Python (Learning)

Statistical Software: Mplus, SPSS, JAGS, JASP

Research-facilitating Software: Github, LaTeX, Zotero, Rmarkdown