

HSUAN LEE

Utrecht, the Netherlands

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EDUCATION

Utrecht University

M.Sc. in Methodology and Statistics(Research Master) - Data Science Track

Sep. 2021 – Jun. 2023(exp.)

Utrecht, the Netherlands

Soochow University

B.A. in Sociology

Sep. 2016 – Jun. 2020

Taipei, Taiwan

Charles University

Faculty-Level Student Exchange Program

Sep. 2018 – Feb. 2019

Prague, Czech Republic

Southeast University

University-Level Student Exchange Program

Feb. 2019 – Jun. 2019

Nanjing, China

COURSEWORK / SKILLS

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

Assist 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

Assist 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, L^AT_EX, 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