Jan-Willem Simons

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INTERESTS	Social Network Analysis, Negative Networks, Polarization, Inequality, Bayesian Inference, Missing Data, Meta-Analysis, Multi-level Analysis

EDUCATION

Utrecht University, The Netherlands   July 2021
M.Sc. in Methodology and Statistics for the Behavioural, Biomedical, and Social Sciences
Thesis: "On the Analysis of a Sample of Exponential Random Graph Model Estimates"
Advisor: Prof. Dr. Marijtje van Duijn (University of Groningen)

Utrecht University, The Netherlands   July 2019
B.Sc. in Sociology with a Minor in Methods and Statistics
Thesis: "Examining the Effect of Observation Sequence Variables on Hidden Markov Model Gibbs Sampler Inference"
Advisor: Dr. Emmeke Aarts (University of Utrecht)
Additional Activities: Honours College Faculty of Social Sciences

RESEARCH EXPERIENCE

Student Assistant   May 2018 – Jan 2019
Department of Sociology, Utrecht University
Supervisor: Dr. Eva Jaspers
Activities: Interpreted and translated raw social network data into research feedback reports. Wrote a literature review on the diffusion of behaviours and attitudes in social networks.

TEACHING EXPERIENCE

Student Assistant   September 2020 – December 2020
Department of Sociology, Utrecht University
Lecturers: Dr. Eva Jaspers, Dr. Rense Corten
Activities: Assisted in various teaching activities in the master course "Sociology: Theory and Research". Provided methodological advice to the students for their research paper on a social network topic. Assisted in evaluating these papers. Also provided workgroup assistance in the first half of the course "Internet, Social Media and Networks" on text mining with R in the same period.

Student Assistant   February 2020 – May 2020
Department of Sociology, Utrecht University
Lecturer: Dr. Eva Jaspers
Activities: Assisted in various teaching activities in the bachelor course "Social networks in theory and empirical research". Assisted students in writing a research paper on a social network topic. Evaluated exams and research papers.

CONFERENCE PRESENTATIONS

On the analysis of a sample of exponential random graph model estimates. European Conference of Social Networks. September, 2021.

SKILLS AND PROFICIENCIES

Statistical Software
R (RStudio, Markdown, Shiny), NetLogo, Python, LaTeX, Git, M*plus*, SPSS

Language Ability
Native in Dutch, Near native in English, Beginner in French and German

Relevant Coursework	**Utrecht University (M.Sc.)**

Utrecht University (M.Sc.)

Multivariate Statistics	Computational Inference with R
Fundamentals of Statistics	Survey Data Analysis
Multilevel and Structural Equation Modeling	Bayesian Statistics
Biomedical Statistics	Psychometrics
Statistical Analysis of Complete Social Networks	Meta-Analysis
Markup Languages and Reproducible Programming	Programming in Python

Utrecht University (B.Sc.)

Social Networks in Theory and Empirical Research	Measurement and Modelling with Social Data
Missing Data Theory and Causal Effects	Theory Construction and Statistical Modeling
Family Sociology	Conducting a Survey
Criminal Behaviour during the Lifecourse	Doing a Qualitative Research Project