

ANNAKAISA RITALA

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An analytical statistician with interdisciplinary research experience in social sciences and psychology, an interest in causal modelling and Bayesian methods, and extensive programming experience with R.

EDUCATION

Master of Science, Statistics and Data Science 09/2020 – 06/2024

University of Jyväskylä, Finland

Master's thesis: A Bayesian two-part model for improving social assistance estimation of the SISU microsimulation model, grade 5 (excellent)

Bachelor of Science, Psychology 10/2016 – 06/2019

University of York, United Kingdom

WORK EXPERIENCE

Data Analyst, VATT Institute for Economic Research 06/2024 –

Data Room

A full-time role in the Education, Labour Market and Households Group which requires the preparation of statistical reports and contribution to the development of analytical tools in R.

Data Analyst, University of Jyväskylä 06/2023 – 06/2024

Centre for Multilingual Academic Communication

A part-time role which required developing an R program to analyse a longitudinal questionnaire data set as a part of the AAKE project.

Research Assistant, Finnish Institute for Health and Welfare 04/2023 – 10/2023

Social Security and Services Team

A part-time role which required the development of a statistical model using Bayesian methods to improve the predictive accuracy of annual social assistance estimates of the SISU microsimulation model.

Research Assistant, University of Jyväskylä 05/2021 – 08/2022

Department of Psychology

A part-time role which required the collection of cognitive and MEG data, data management and processing using R and Python, and support with other research activities as part of the CoPSOI study.

Research Assistant, University of York 06/2018 – 08/2018

Department of Psychology

A 5-week full-time internship in the Attention and Memory Laboratory which required the development of two visual attention experiments via editing a MATLAB program and collection of pilot data.

SKILLS

Programming

R, SQL, Python, SAS, Java, C#, MATLAB, bash & command line tools

Software and markup languages

Git, GitHub, LaTeX, SPSS

Languages

Finnish (native), English (excellent), Swedish (satisfactory)