Martje Rave

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An ambitious and hard-working statistician who is enthusiastic about data science, loves a challenge and solving puzzles. Effective in conveying and presenting ideas, quick to learn and well versed with fundamental and advanced concepts of statistics and data analysis, fluent in R, SAS and SQL.

Education

Munich University (Ludwig Maximilian Universität)

PhD student 2020-present

- Full position at the chair of applied statistics in social sciences, economics and business
- Special research interest in COVID-19, spatial statistics and graph theory
- Part of the COVID-19 data analysis group (CoDAG)
- Part of Open Science Initiative for Statistics (OSIS)
- Teaching students in statistical modelling, inference and open science

University of Glasgow

MSci in Statistics with Work Placement 2015-2020

- MSci with honors of the 1st Class.
- Trained in Frequentist and Bayesian Statistics with application in R, SAS and SQL using foundations in calculus, algebra and graph theory.
- **Project**: Is "Border Sharing" the best spatial correlation structure for modelling areal unit health data?

University of Southern Denmark

BSc in Economics and Business Administration 2012-2015

- **Thesis**: Structural flaws in the Maastricht Treaty and how it led to the economical divergence in the European Monetary Union. Grade: 8.1 (7 punkt skala)

Tunbridge Wells Grammar School for Boys

A-level 2010-2012

Employment

Royal Bank of Scotland

Data Analyst

Edinburgh Full-Time 2018-2019, Part-time 2019-2020

- Trained in modelling and data mining as well as stakeholder management and agile working and data security.

University of Glasgow

General Teaching Assistant

Glasgow Part-Time 2017-2018, 2019-2020

- Bringing statistical concepts close to 1st and 2nd year statistics students in teacher-centered Instruction and One-on-One support.

Research Assistant

<div align="right">**Glasgow 2017**</div>

- Designing games to help children grasp fundamental concepts of graph theory.

Strandservice Festersen Germany

Sales Assistant

<div align="right">**Germany 2013-2018**</div>

- Trained in costumer service with customers from all over Europe.

Bioenergie Rave

Administrative Assistant

<div align="right">**Germany 2014-2015**</div>

- Training in general administrative work for the family business such as invoicing, book keeping and corresponding with business partners, as well as advertising.

Extracurricular Interests and Skills

- Confident with R-Studio, SAS and SQL as well as Microsoft Office and LaTeX

- Social convener at the institute for statistics

- Rower at the Munich Rowing Club 1880

- Trumpet player at the Jazz Forum 2

- Languages: German (native), English (fluent), Danish (advanced), French (advanced), Greek (basic), Russian (basic)