# Joshua Philipp Entrop



## Profile

I'm an energetic and enthusiastic **statistican** and **PhD student** with expertise in real-world evidence, causal inference, survival analysis, and statistical consulting for internal and external projects. I have worked in several applied research projects as well as in methods development throughout my PhD studies and published 5 peer-reviewed articles as well as 4 software packages for R. In the research process the statistical modelling and the interpretation of results together with subject experts gets me excited.

## Contact details

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## Personal information

Year of birth: **1995**

Citizenship: **German, Swedish**

Languages: **English** (C1), **Swedish** (B2), **German** (naitive)

## Skills

- Biostatistics
- Causal inference
- Epidemiology
- R, Stata, Git, GNU Make, LaTeX
- C++, SAS, MS Office

Updated 2024/05/30

## Experience

**Statistician** at *Division for Clinical Epidemiology, Karolinska Institutet (Stockholm, Sweden).*                 **2021.04–pres.**

- ◇ Statistical consulting for internal and external projects
- ◇ Data handler for the LymphomaBaSe linkage including data on 4 million individuals from various Swedish national and quality registers
- ◇ Data applications to Socialstyrelsen, and Statistics Sweden

**Research Intern** at *National Burden of Disease Center, National Taiwan University (Taipei, Taiwan).*                 **2019.06–2020.07**

**Tutor** at *Section Social Policy & Social, Ruhr-University Bochum (Bochum, Germany).*                 **2017.04–2018.06**

## Education

**PhD in Medical Science.** *Karolinska Institutet, Sweden.*     **2020–pres.**

- ◇ Skills: Survival analysis, causal inference, recurrent events, reproducible research, lymphoma
- ◇ Thesis title: *Development and application of modern statistical methods for studies of childbearing among lymphoma survivor* (main supervisor Dr. Sandra Eloranta)
- ◇ 7 peer-reviewed publications, 3 as first-author
- ◇ 7 presentations at international conferences
- ◇ Secured ca. 300 000 SEK in funding for research visits, travels, and international courses
- ◇ 80 teaching hours in biostatistics to PhD students in medical science

**Master of Science in Public Health Epidemiology.** *Karolinska Institutet, Sweden.*                 **2018–2020**

- ◇ Grade: Passed with distinction
- ◇ Skills: Biostatistics, study design for observational data, clinical epidemiology.

**Bachelor of Arts in Social Science.** *Ruhr-University Bochum, Germany.*                 **2015–2018**

- ◇ Grade: Passed with distinction
- ◇ Skills: Statistics, empirical research methods, socioeconomics

## Additional merits

**Student Prize for Best Conference Abstract** *International Society of Clinical Biostatistics (ISCB)*

**Price for the Price for Best Master Thesis.** *German Association for Medical Informatics, Biometry and Epidemiology (GMDS) e. V.*     **2021**

**Scholarship holder of the German Academic Exchange Service (DAAD).** *Merit-based scholarship.*                 **2019-2020**

**Scholarship holder of the Friedrich-Ebert Foundation.** *Merit-based scholarship.*                 **2015-2020**

## Interests

Hiking, rowing, equestrian vaulting, cinema