

# Dr Joshua Philipp ENTROP



## PROFILE

I'm an energetic and enthusiastic **biostatistician** with expertise in real-world evidence, causal inference, survival analysis, and statistical consulting. I have worked in several applied research projects as well as in methods development throughout my work and PhD which led to various peer-reviewed publications 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 (C1), German (native)**

## SKILLS

- Biostatistics
- Causal inference
- Epidemiology
- R, Stata, Git, GNU Make, L<sup>A</sup>T<sub>E</sub>X
- C++, SAS, MS Office

## EXPERIENCE

**BIOSTATISTICIAN at Red Door Analytics AB (Stockholm, Sweden).**

**2025–pres.**

- ◊ Statistical consulting for academic projects - SAPs, analysis, reporting
- ◊ Focus areas: causal inference, and reproducibility of statistical analyses
- ◊ Organisation of courses in statistics

**STATISTICIAN at Division for Clinical Epidemiology, Karolinska Institutet (Stockholm, Sweden).**

**2021–2025**

- ◊ 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

## EDUCATION

**PHD IN MEDICAL SCIENCE. Karolinska Institutet, Sweden.** **2020–2025**

- ◊ 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)
- ◊ 5 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