



**Henrik V. B. Laursen**

Ph.D.

- ▶ Clinical Data Management
- ▶ Epidemiology
- ▶ Health Economics

## Skills

Safe Data Handling	6 yrs
Registry Data Analysis	6 yrs
R	5 yrs
SAS	1 yr
Stata	10 yrs
Observational Study Design	5 yrs
Git Version Control	1 yr

## Tools

- ▶ VS Code
- ▶ RStudio
- ▶ SAS Studio
- ▶ RMarkdown/Quarto
- ▶ Large language models
- ▶ git
- ▶ Microsoft Office

## Summary

Ph.D. scientist and data analyst with eight years of experience focused on diabetes epidemiology & health economics. The majority of my work has been with observational studies and systematic reviewing. I have a broad understanding of, and deep interest in, the Danish healthcare system, medicine, data analysis and improving the quality of patient care.

Since 2019, I have worked extensively with Danish health registries, gaining deep knowledge of their structure, validity, and documentation, and publishing several peer-reviewed studies. I am proficient in data extraction, integration, and analysis, and can independently produce tables, visualisations, and statistical outputs while clearly communicating results. I ensure that relevant stakeholders are involved throughout to strengthen the meaning and use of the data. I work methodically and iteratively, with attention to detail, improving processes while simplifying and automating wherever possible. Proven ability to synthesise complex information into actionable insights. My preferred tools are R and Stata. I am currently mastering reproducible reporting using Quarto, and presenting information on dashboards using Shiny. Comfortable with Microsoft Office, and quick to adapt to new software and methods. Capable of using AI-assisted tools to aid in work while avoiding dependency. I value contributing to collaborative teams, enjoy helping & teaching others, and provide a good sense of humor to keep morale high.

## Experience

### Data Scientist - internship

03/2025 - 04/2025

Sanos Clinic, Gandrup

- Hands-on experience within a clinical trial environment where I built a model in R linking digital-ad spend to trial sign-ups, and a table presenting project specific data on an established dashboard, using javascript.

### Ph.D student

04/2020 - 12/2024

Aalborg University, Steno Diabetes Center North DK

- **Safely handled and joined large-scale registry data across multiple databases, conducting several nationwide observational cohort studies**, as well as supporting colleagues with data handling and coding practices
- **Independently cleaned, merged, analysed, and visualised registry data** on millions of Danish patients during the Ph.D., in R
- **Produced outputs mirroring clinical trial workflows for scientific publications**, including relational datasets, Tables, Figures & Listings, and supporting dataset specifications/metadata.
- **Designed epidemiological studies and implemented statistical analyses** including time-to-event models and complex treatment pathway overviews
- **Systematic review of 50 economic models** comparing newer antidiabetic medications for treating diabetes
- Oral and poster presentations at 4 international and 2 national conferences

### Data Manager

01/2019 - 03/2020

Steno Diabetes Center North DK

- **Designed epidemiological studies and prepared analysis-ready datasets** by managing and cleaning data from multiple databases. Conducted time to event analysis and visualisations using Stata
- **Collaborated with medical staff to translate clinical questions into analysis-ready datasets and statistical outputs** for patients with Diabetes Mellitus or Osteoporosis

### Scientific Assistant

11/2017 - 08/2018

Danish Center for Healthcare Improvements

- **Published my first systematic review**, a critique of the lack of application of quality improvement frameworks in real world initiatives
- Cost-analysis of haematological medications

## Languages

Danish Fluent

English Fluent

German, swedish, french, spanish Lesser

## Contact

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 Henrik V. B. Laursen


 ORCID


## Hobbies


 **Website w. data analysis blog**

 Curiosity & willingness to learn

 Meditation, yoga

 Writing as practice, sketching

 Climbing, hiking, camping

 Board- and roleplaying games

## Education

**Master: Medical Market Access**  
Aalborg University

2014 - 2017

Health economics, medical market access, quality improvement, statistical analysis. Good clinical practice, health policy, patient, and stakeholder involvement. **Can act as a bridge between medical and non-medical fields, and have a deep understanding of the importance of clinical registry data in our health care system.**

**Bachelor: Medicine With Industrial Specialisation**  
Aalborg University

2011 - 2014

A solid foundation in medicine providing an understanding of anatomy, physiology, disease mechanisms, pharmacotherapy, the importance of the patients' perspective, and medical terminology and clinical understanding of disease.

## Courses and Learning

**Data analysis, statistics & data safety**  
PhD & Online courses

- **Ph.D Courses** in biostatistics, advanced epidemiology, time to event analysis, decision-analytical modelling (**R, Stata, Excel**), scientific research integrity
- SAS at Base Programmer practice exam level

**Clinical Data Management Standards**  
Data standards

- **Coursera: Clinical Trials - Good Clinical Practice Specialization**
- **RQA: Data Integrity**
- **ACDM: Fundamentals of Clinical Data Management**
- Theoretical understanding of CDISC standards
- Practical exposure to working with CDISC standards with the pharmaverse packages for R

**Self-taught**  
Data Science & AI

- R for Data Science 2nd edition: Reading and solving exercises
- **Application of large language models** for drafting, code validation, translation, efficiency, quality checking

## Examples of my work

**Scientific publications**  
Phd thesis DOI: 10.54337/aau763298184

- 2025 - DOI: 10.1101/2025.06.20.25329913
- 2025 - DOI: 10.1101/2025.06.20.25328883
- 2023 - DOI: 10.1007/s40273-023-01268-5
- 2020 - DOI: 10.2174/1574886315666200819114629
- **2019 - DOI: 10.1186/s12913-019-4482-6**

**Data analysis blog**  
A hobby to keep my skills sharp

- Website with informal blog where I showcase analytical and R programming skills. **Click here for LINK**