



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.

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

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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- 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/auu763298184](https://doi.org/10.54337/auu763298184)

- 2025 - DOI: [10.1101/2025.06.20.25329913](https://doi.org/10.1101/2025.06.20.25329913)
- 2025 - DOI: [10.1101/2025.06.20.25328883](https://doi.org/10.1101/2025.06.20.25328883)
- 2023 - DOI: [10.1007/s40273-023-01268-5](https://doi.org/10.1007/s40273-023-01268-5)
- 2020 - DOI: [10.2174/1574886315666200819114629](https://doi.org/10.2174/1574886315666200819114629)
- 2019 - DOI: [10.1186/s12913-019-4482-6](https://doi.org/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](#)