

# Litteraturliste for HEL-8020: Analyse av registerdata i forskning

April 22, 2024

## Epidemiologi

- Bjarne Koster Jacobsen. Epidemiologi. In Monica Martinussen, editor, *Kvantitativ forskningsmetodologi i samfunns- og helsefag*, pages 225–250. Fagbokforlaget, Bergen, 2010

## Multippel testing

- Stian Lydersen. Justering av p-verdier ved multiple hypoteser. *Tidsskrift for Den norske legeforening*, 2021
- Stian Lydersen. Type i-feil og type ii-feil. *Tidsskrift for Den norske legeforening*, 2021
- Jo Røislien. Statistisk lærdom fra en laks. *Tidsskrift for Den norske legeforening*, 2023. (Tillegglitteratur)

## Innføring i DAGs, kausalitet og kausal inferens

- Mats Julius Stensrud and Odd Aalen. Hva kan vi si om kausalitet? *Tidsskrift for Den norske legeforening*, 135(16):1465–1467, 2015
- Miguel A. Hernán. The c-word: Scientific euphemisms do not improve causal inference from observational data. *American Journal of Public Health*, 108(5):616–619, 2018
- Peter WG Tennant, Eleanor J Murray, Kellyn F Arnold, Laurie Berrie, Matthew P Fox, Sarah C Gadd, Wendy J Harrison, Claire Keeble, Lynsie R Ranker, Johannes Textor, et al. Use of directed acyclic graphs (dags) to identify confounders in applied health research: review and recommendations. *International journal of epidemiology*, 50(2):620–632, 2021

## Medisinsk statistikk

- Michael J Campbell. *Statistics at square two*. Blackwell, 2006

## Juridisk regulering

- Helseforskningsloven. <https://lovdata.no/dokument/NL/lov/2008-06-20-44?q=helseforskningsloven>
- Helseregisterloven. <https://lovdata.no/dokument/NL/lov/2014-06-20-43?q=helseregisterloven>
- Personopplysningsloven og eu personvernforordning (gdpr). <https://lovdata.no/dokument/NL/lov/2018-06-15-38>
- Pasientjournalloven. <https://lovdata.no/dokument/NL/lov/2014-06-20-42>
- Helsepersonelloven. <https://lovdata.no/dokument/NL/lov/1999-07-02-64?q=helsepersonelloven>

## Propensity score, stratifisering og justering

- Ralph B d'Agostino. Tutorial in biostatistics: propensity score methods for bias reduction in the comparison of a treatment to a non-randomized control group. *Statistics in Medicine*, 17(19):2265–2281, 1998
- H. O. Melberg. *Does moderate alcohol intake reduce mortality?*, chapter 12, pages 191–209. Oslo Academic Press, 2006

## Validering av registerdata

- Freddie Bray and D Max Parkin. Evaluation of data quality in the cancer registry: principles and methods. part i: comparability, validity and timeliness. *European journal of cancer*, 45(5):747–755, 2009
- D Max Parkin and Freddie Bray. Evaluation of data quality in the cancer registry: principles and methods part ii. completeness. *European journal of cancer*, 45(5):756–764, 2009
- Torunn Varmdal, Inger Johanne Bakken, Imre Janszky, Torgeir Wethal, Hanne Ellekjær, Gitta Rohweder, Hild Fjærtøft, Marta Ebbing, and Kaare Harald Bønaa. Comparison of the validity of stroke diagnoses in a medical quality register and an administrative health register. *Scandinavian journal of public health*, 44(2):143–149, 2016. (Tilleggs litteratur)
- Torunn Varmdal, Hanne Ellekjær, Hild Fjærtøft, Bent Indredavik, Stian Lydersen, and Kaare Harald Bønaa. Inter-rater reliability of a national acute stroke register. *BMC research notes*, 8(1):584, 2015. (Tilleggs litteratur)
- Danielle GT Arts, Nicolette F De Keizer, and Gert-Jan Scheffer. Defining and improving data quality in medical registries: a literature review, case study, and generic framework. *Journal of the American Medical Informatics Association*, 9(6):600–611, 2002. (Tilleggs litteratur)
- Datakvalitet-pa-1-2-3. (Tilleggs litteratur)

- The cih data quality framework. Technical report, Canadian Institute for Health Information, 2009. (Tilleggs litteratur)

## Datavask

- Hadley Wickham. Tidy data. *Journal of Statistical Software*, 59(10):1–23, 2014

## Analyse av PROM-data (pasientrapporterte mål)

- Bradley C Johnston, Donald L Patrick, Jason W Busse, Holger J Schünemann, Arnav Agarwal, and Gordon H Guyatt. Patient-reported outcomes in meta-analyses—part 1: assessing risk of bias and combining outcomes. *Health Qual Life Outcomes*, 11(1):109, 2013
- Maria Laura Avila, Jennifer Stinson, Alex Kiss, Leonardo R Brandão, Elizabeth Uleryk, and Brian M Feldman. A critical review of scoring options for clinical measurement tools. *BMC Research Notes*, 8(1):612, 2015
- Daniel SJ Costa. Reflective, causal, and composite indicators of quality of life: A conceptual or an empirical distinction? *Quality of Life Research*, 24(9):2057–2065, 2015
- Daniel SJ Costa. Is health-related quality of life a useful outcome in pain intervention research? *Pain*, 161(1):1–2, 2020
- Jonathan P Evans, Alexander Smith, Chris Gibbons, Jordi Alonso, and Jose M Valderas. The national institutes of health patient-reported outcomes measurement information system (promis): a view from the uk. *Patient related outcome measures*, 9:345, 2018

## Registerdata vs. RCT

- Jennifer Frankovich, Christopher A Longhurst, and Scott M Sutherland. Evidence-based medicine in the EMR era. *N Engl J Med*, 365(19):1758–1759, 2011

## Nasjonalt kvalitetsregister for ryggkirurgi

- Ulf S Nerland, Asgeir S Jakola, Ole Solheim, Clemens Weber, Vidar Rao, Greger Lønne, Tore K Solberg, Øyvind Salvesen, Sven M Carlsen, Øystein P Nygaard, et al. Minimally invasive decompression versus open laminectomy for central stenosis of the lumbar spine: pragmatic comparative effectiveness study. *British Medical Journal*, 350, 2015
- Tore Solberg, Lars Gunnar Johnsen, Øystein P Nygaard, and Margreth Grotle. Can we define success criteria for lumbar disc surgery? estimates for a substantial amount of improvement in core outcome measures. *Acta orthopaedica*, 84(2):196–201, 2013

- Tore Kristian Solberg. *Ensuring valid and reliable data for quality control and research from a clinical registry for spine surgery*. PhD thesis, UiT Norges arktiske universitet, 2013
- Ivar Magne Austevoll, Rolf Gjestad, Tore Solberg, Kjersti Storheim, Jens Ivar Brox, Erland Hermansen, Frode Rekeland, Kari Indrekvam, and Christian Hellum. Comparative effectiveness of microdecompression alone vs decompression plus instrumented fusion in lumbar degenerative spondylolisthesis. *JAMA network open*, 3(9), 2020

### **Andre relevante nettsider/dokumenter**

- Nasjonalt servicemiljø for medisinske kvalitetsregistre. <http://www.kvalitetsregistre.no/>
- Sentrale helseregistre. <http://www.fhi.no/helseregistre/om-helseregistre/sentrale-helseregistre>