

Stefan Nygaard Hansen

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🌐 <https://snhansen.github.io/> 🔄 [snhansen](#)

Employment

Department of Public Health, Aarhus University

Head of Studies (Master's Program in Health Sciences, Aarhus University)	2024–
Associate Professor (Research Unit for Biostatistics)	2020–
Assistant Professor (Research Unit for Biostatistics)	2017–2020
PhD Student (Setion for Biostatistics)	2014–2017
Research Assistant (Setion for Biostatistics)	2012–2014

Education

Department of Mathematics, Aarhus University

MSc in Statistics	2010–2012
BSc in Mathematics	2007–2012

Other responsibilities and activities

Member of the Forum for Lecturers' Digital Competences (Health, Aarhus University)	2025–
Chair of the Study Board (Master's Program in Health Sciences, Aarhus University)	2025–
Consultancy at the Biostatistical Advisory Service (Health, Aarhus University)	2021–2024
Treasurer of the Danish Statistical Society (DSTS)	2022–

Awards

Lecturer of the year (Master's Program in Health Sciences, Aarhus University)	2024
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Selected teaching experience

Course responsible / lecturer (Epidemiology and biostatistics)	2017–
Course responsible / lecturer (Statistics)	2024–
Course responsible / lecturer (Causal inference in health science)	2018–2024
Lecturer (Research training for medical doctors)	2018–

Selected courses and workshops

Course in informal leadership	2024
Teacher training programme	2017
Course in talent development	2016
Course in educational it	2016

Selected publications

- Khachadourian, V., Arildskov, E. S., Grove, J., O'Reilly, P. F., Buxbaum, J. D., Reichenberg, A., Sandin, S., Croen, L. A., Schendel, D., Hansen, S. N., & Janecka, M. (2025). Familial confounding in the associations between maternal health and autism. *Nature Medicine*. <https://doi.org/10.1038/s41591-024-03479-5>
- Hansen, S. N., & Overgaard, M. (2024). Variance estimation for average treatment effects estimated by g-computation. *Metrika*. <https://doi.org/10.1007/s00184-024-00962-4>
- Overgaard, M., & Hansen, S. N. (2021). On the assumption of independent right censoring. *Scandinavian Journal of Statistics*, 48(4), 1234–1255. <https://doi.org/10.1111/sjos.12487>
- Hansen, S. N., Schendel, D. E., Francis, R. W., Windham, G. C., Bresnahan, M., Levine, S. Z., Reichenberg, A., Gissler, M., Kodesh, A., Bai, D., Yip, B. H. K., Leonard, H., Sandin, S., Buxbaum, J. D., Hultman, C., Sourander, A., Glasson, E. J., Wong, K., Øberg, R., & Parner, E. T. (2019). Recurrence risk of autism in siblings and cousins: A multinational, population-based study. *Journal of the American Academy of Child and Adolescent Psychiatry*, 58(9), 866–875. <https://doi.org/10.1016/j.jaac.2018.11.017>
- Hansen, S. N., Overgaard, M., Andersen, P. K., & Parner, E. T. (2017). Estimating a population cumulative incidence under calendar time trends. *BMC Medical Research Methodology*, 17(1), 7. <https://doi.org/10.1186/s12874-016-0280-6>
- Hansen, S. N., Schendel, D., & Parner, E. T. (2015). Explaining the increase in the prevalence of autism spectrum disorders: The proportion attributable to changes in reporting practices. *JAMA Pediatrics*, 169(1), 56–62. <https://doi.org/10.1001/jamapediatrics.2014.1893>
- Hansen, S. N., Andersen, P. K., & Parner, E. T. (2014). Events per variable for risk differences and relative risks using pseudo-observations. *Lifetime Data Analysis*, 20(4), 584–598. <https://doi.org/10.1007/s10985-013-9290-4>

Software experience

Advanced: R, Stata, Quarto, LaTeX

Intermediate: Python, Git, Linux

Beginner: Docker

Miscellaneous

Number of publications: 32

Google Scholar: <https://scholar.google.com/citations?user=cph2z0YAAAAJ>

StackExchange: <https://stackexchange.com/users/1274592/stefan-hansen>