

CURRICULUM VITAE, February, 2025

Name: Erik Thorlund Parner

Date of birth: August 2, 1967

Academic degrees: 1995: MSc, University of Aarhus.
1997: PhD, University of Aarhus (“Inference in Semiparametric Frailty Models”)

Positions held: 1997-2000: Assistant Professor, Department of Biostatistics, University of Aarhus.
2001-2011: Associate Professor, Department of Biostatistics, University of Aarhus.
2011- Professor, Department of Biostatistics, University of Aarhus.

Research interests: Time to event analysis. Epidemiology. Causal inference.

Ph.D. supervision: Main supervisor for 5 PhD students, co-supervisor for 11 PhD students.

Research funding

External research funding obtained in international or national competition.

2009–2013 PI: Parner ET, Multi-Registry Analyses – Denmark. USD 113,648, Autism Speaks.

2012-2017 PI: Parner ET, Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network, Autism Center of Excellence. USD 398,346. National Institutes of Health (NIH).

2013-2018 PI: Mogens Vestergaard. Mental health in primary care - diagnostics, treatment, and comorbidity (MEPRICA). DKK 16,000,000, Lundbeck Foundation.

2014 PI: Parner ET. Epidemiological analysis of risk for Tourette and related disorders. USD. 40,000. Mount Sinai School of Medicine. New York.

2015 PI: Parner ET. Heritability analysis of Tourette and related disorders. USD. 25,033. Mount Sinai School of Medicine. New York.

2018 PI: Parner ET. Statistical models for incomplete data using pseudo-observations. DKK 1.776.600. The Novo Nordisk Foundation.

Current research projects

Develop statistical methods for time-to-event data using pseudo-observations. The methods provide tools for describing the association between exposure and censored event outcome using risk difference, risk ratio and means. The methods include inference for sampled cohorts, for example cohorts with delayed entry or survey sampled cohorts.

Develop methods for estimation of the win and loss probabilities, and win ratio, for prioritized censored event data. Further to develop regression models for win and loss probabilities. The methods will be applied in cardiovascular research.

Publications

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