

Measurement error and information bias in epidemiological research

DES Summer meeting 2025 – Monday June 2nd, 2025

Location: Auditorium 35.01.05, City Campus (CSS), Gammeltoftsgade 15, 1355 Copenhagen.

10:00-10:30: Arrival, coffee and snacks

10:30-10:35: Introduction and welcome

10:35-11:30: Understanding measurement error in advanced epidemiology

Moderator: Stine Schramm

- **Chunsen Wu**, Associate Professor, Department of Clinical Research, University of Southern Denmark, Denmark
 - *Depicting measurement error and information bias with DAGs*

11:30-12:00: Two short talks from Society members on measurement error/information bias

- **Terese SH Jørgensen**. Associate Professor, Section of Social Medicine, Department of Public Health, University of Copenhagen. *Use of register- and survey-based measures of anxiety in a population-based Danish cohort*
- **Emely Blæhr**. Post doc, National Centre for Register-based Research, Aarhus University. *Misclassification in medication treatment: Implications and methodological approaches for pharmacoepidemiologic research*

12:00-13:00: Lunch

13:00-14:30: Measuring gender and ethnicity

Moderator: Terese Sara Høj Jørgensen

- **Alissa Koski**, Associate Professor, Department of Epidemiology, Biostatistics, and Occupational Health and Department of Equity, Ethics, and Policy, McGill University, Canada
 - *Measuring dimensions of sex and gender in population health research*

- **Christopher Jamil de Montgomery**, Assistant Professor, the Copenhagen Health Complexity Center, Department of Public Health, University of Copenhagen, Denmark
 - *Blind spots in register perspectives on ethnicity*

14:30-15:15: Coffee break with refreshments

15:15-15:45: Two short talks from Society members on measurement error/information bias

Moderator: Julie Werenberg Dreier

- **Sigrid Normann Biener**, PhD student, Section of Social Medicine, Department of Public Health, University of Copenhagen. *Tackling measurement errors when estimating the timing of natural menopause – a case from KISO Survey Cohort*
- **Josefine Klakk**, PhD student, National Centre for Register-based Research, Aarhus University. *Correlation of Self-reported Well-being across Schooling in Children with and without Neurodevelopmental Disorders: What does it tell us about measurement error?*

15:45-16:45: Methods of analysis for error-prone data

Moderator: Amalie Timmermann

- **Pamela A. Shaw**, Senior Investigator, Biostatistics Division, Kaiser Permanente, Washington Health Research Institute, Seattle, WA, USA and Affiliate Professor, Department of Biostatistics, University of Washington, Seattle, WA, USA

16:45- : Food and drinks