AARHUS UNIVERSITY

Press release

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Basic information

Name: Morten Overgaard Email: moov@ph.au.dk Phone: 30317509

Department of: Public Health

Main supervisor: Erik Thorlund Parner

Title of dissertation: The pseudo-observation method in health science

Date for defence: 23.11.2018 at (time of day): 13.00 Place: 1262-101, Samfundsmedicin

Press release (Danish)

Pseudo-observations-metoden i sundhedsvidenskab

Den såkaldte pseudo-observations-metode, der er en statistisk metode til analyse af overlevelsesdata, er blevet undersøgt nærmere i et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Morten Overgaard, der forsvarer det d. 23. november.

Det teoretiske belæg bag pseudo-observations-metoden, der blev opfundet i starten af århundredet, har hidtil været mangelfuldt, og ph.d.-projektet har sigtet efter at udbedre denne mangel. Som følge af projektet har vi nu et sæt tilstrækkelige betingelser for at metoden fungerer som tilsigtet, som dækker relevante eksempler på anvendelse, vi kan opnå fornuftige skøn over usikkerheden, når metoden anvendes, og vi ved mere om hvordan variationer af metoden kan bruges til at undgå for strenge antagelser om de underliggende mekanismer. Forsvaret af ph.d.-projektet er offentligt og finder sted den 23. november kl. 13.00 i Samfundsmedicinsk Auditorium, lokale 101, bygning 1262, Aarhus Universitet, Bartholins Allé 4, Aarhus. Titlen på projektet er "The pseudo-observation method in health science". Yderligere oplysninger: Ph.d.-studerende Morten Overgaard, e-mail: moov@ph.au.dk, tlf. 30 31 75 09.

Bedømmelsesudvalg:
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Press release (English)

The pseudo-observation method in health science

The so-called pseudo-observation method, which is a statistical method for analyzing survival data, has been examined more closely in a new PhD project from Aarhus University, Health. The project was carried out by Morten Overgaard, who is defending his dissertation on November 23.

The theoretical justification of the pseudo-observation method, which was invented in the beginning of the century, has so far been lacking, and this PhD project aimed at remedying the situation. As a consequence of the project, we now have a set of sufficient conditions for the method to work as desired that cover relevant examples of application, we can obtain reasonable estimates of the uncertainty when the method is used, and we know more about how variations of the method can be used to avoid too strong assumptions on the underlying mechanisms. The defence is public and takes

place on November 23 at 13.00 at Samfundsmedicinsk Auditorium, room 101, building 1262, Aarhus University, Bartholins Allé 4, Aarhus. The title of the project is "The pseudo-observation method in health science". For more information, please contact PhD student Morten Overgaard, email: moov@ph.au.dk, phone +45 30 31 75 09.

Assessment committee:
Associate professor Dorte Rytter (chairman),
Department of Public Health, Aarhus University

Professor Hein Putter,
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