Einladung zum ZeSOB Kolloquium

Am Montag, **27. November 2017, um 16 Uhr c.t.** spricht Herr

Marius Thomas

(Statistical Methodology Group, Novartis Pharma AG, Basel)

über

Subgroup identification in dose-finding trials via model-based recursive partitioning

An important task in early phase drug development is to identify patients, which respond better or worse to an experimental treatment.

While a variety of different subgroup identification methods have been developed for the situation of trials that study an experimental treatment and control, much less work has been done in the situation when patients were randomized to different dose groups.

Model-based recursive partitioning can be used to detect instabilities over covariates in a parametric model and has recently been applied to subgroup identification for two-arm studies. We extend this approach to trials with several dose groups and show that the method can be used to identify subgroups of patients with different dose-response curves and improves estimation of treatment effects and minimum effective doses, when heterogeneity among patients is present.

Der Vortrag findet am Montag, 27. November 2017, um 16 Uhr c.t. im Raum W01 0-012 am Campus Wechloy der Universität Oldenburg, Carl-von-Ossietzky-Straße 9-11, 26129 Oldenburg statt.

Alle Interessierten sind herzlich willkommen!

(Einladungsvorschlag von Prof. Dr. Werner Brannath)