

Kolloquium „Statistische Methoden in der empirischen Forschung“

Wann: 13. Februar 2024, 17:00 – 18:30 Uhr

Wo: [Campus Charité Mitte | Hörsaal der Nervenlinik | Bonhoefferweg. 3, 10117 Berlin](#)

Online-Übertragung: der Link wird auf der [Website](#) zur Verfügung gestellt

Dankmar Böhning (Universität Southampton, UK)

Applications of uni-list capture-recapture methods in meta-analysis.

Often meta-analytic data experience systematic sampling bias due to the retrieval and search procedures involved in collecting the study data. If ignored findings might be confounded and conclusions invalid. The talk will present two case studies where studies with no events have been ignored and, hence, systematic bias can be expected. It is shown how capture-recapture methods can be used to estimate what has been missing and thus by lead to adjusted findings. The talk will also illuminate how uncertainty assessment can be provided using an imputed nonparametric bootstrap. The methods are general and allow the incorporation of covariate information.