

Kolloquium „Statistische Methoden in der empirischen Forschung“

Wann: 14. Januar 2025, 17:00 – 18:30 Uhr

Wo: [Campus Charité Mitte | Raum 02.002 | Sauerbruchweg 3, 10117 Berlin](#)

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

Vortragssprache: Englisch

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Prognosis Research in Medicine: Pitfalls, Progress and Pathways to Excellence

Prognosis of patients' health outcomes plays a key role in medical care. The body of literature on medical prediction models is continuously growing, and more and more prediction tools are based on artificial intelligence (AI). This talk will discuss prognosis research through its phases, from exploratory studies over predictor finding studies to the development and validation of prediction models. Further, I will point at common pitfalls in prognosis research as uncovered by systematic reviews of prediction models in various medical subdisciplines and from my own experience. Recent activities such as the "prognosis research strategy" (PROGRESS) series and the "updated guidance for reporting clinical prediction models that use regression or machine learning methods" (TRIPOD+AI) are intended to guide researchers in prognosis research. I will summarize these and other recent developments in prognosis research and I will share some experiences from my own research.