

Kolloquium „Statistische Methoden in der empirischen Forschung“

Wann: 16. Januar 2018, 17:00 – 18:30 Uhr

Wo: Robert Koch-Institut | Nordufer 20 | 13353 Berlin (Wedding),
S41, S42, U9 Westhafen | U9, Bus 142 Amrumer Str

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Clinical Data Science - Revolution or evolution of statistics in times of big data?

We are living in an age of constantly and quickly evolving data collection methods. Automated methods to collect all kind of clinical data via wearables, apps or even more sophisticated methods produce huge amount of data. Other external combined data sources from general practitioners like Clinical Practice Research Datalink (CPRD) or PharMetrics also allow easy access to patient data for new research insights. These new data sources need to be stored, processed and statistically analyzed. For sure big data will require big statistics, but will these new data sources really revolutionize our pharmaceutical industry? Based on the example how the statistical programming role has evolved over the past 30 years, this presentation will have a critical look at the current changes in the industry and how we could prepare ourselves for the next things to come.