

Kolloquium „Statistische Methoden in der empirischen Forschung“

Wann: 16. Februar 2021, 17:00 – 18:30 Uhr

Wo: Online

Cornelia Ursula Kunz¹ & Kelly Van Lancker² & Sarah Zohar^{3,4}

¹ Boehringer Ingelheim Pharma GmbH & Co. KG, Biberach, Germany

² Ghent University, Belgium

³ INSERM, Paris

⁴ Sorbonne Université, Paris

Methodological Challenges of Clinical Trials Impacted by the COVID-19 Pandemic

The present COVID-19 pandemic has a number of consequences for ongoing clinical trials in non-COVID-19 conditions. Motivated by an ongoing Cape-Cod trial treating Community-Acquired Pneumonia patients in ICUs, we will discuss the consequences and challenges faced by the pandemic and sketch out possible solutions for interrupted (temporally or not) ongoing clinical trials. Guidance and simulation studies will be provided on (i) how to deal with power loss and (ii) how to deal with potential treatment effect heterogeneity; Our methods have been implemented in a freely available R shiny app.