



Thomas Debray is a statistician with an extensive background in risk prediction and meta-analysis. He has dedicated a significant portion of his career to academic research, and contributed to the development of various methodological guidelines.

Currently, Thomas Debray operates his own consulting company, catering primarily to the pharmaceutical industry. His company specializes in the development, evaluation, and practical application of innovative statistical methods for clinical trial planning and real-world data analysis. Driven by a genuine passion for enhancing the accessibility and understanding of advanced statistical methods, Thomas Debray seeks to bridge the gap between theory and practice.

«Comparative effectiveness and personalized medicine research using real-world data»

Abstract: Randomized clinical trials have long been the gold standard for comparative effectiveness research. However, there is growing demand to consider evidence from “real-world data” (RWD) in clinical decision-making. These data are often available from observational cohort studies, administrative databases, and patient registries, and may offer additional insights into the comparative effectiveness and safety of treatments. Unfortunately, leveraging non-randomized data poses significant operational and methodological challenges.

In this seminar, Thomas Debray will delve into the opportunities and challenges associated with estimating treatment effects using non-randomized data sources. He will discuss statistical methods that can be used to increase the efficiency of clinical trials, improve the generalizability of study results and facilitate the estimation of individualized treatment effects.

Join us for an engaging discussion on the evolving landscape of comparative effectiveness research and the integration of real-world data to inform personalized medicine.

Join the lecture on Thursday, 15 June 2023 at 4:00 pm (CET)

on-site at Mittelstrasse 43, room 220

or online on zoom:

<https://unibe-ch.zoom.us/j/68831532314?pwd=ZmNoYjJ4VzhHMjRlVXJraUkzTzJlZz09>

Meeting ID: 688 3153 2314

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