

RWD Frameworks: Estimands, Target Trial Framework



BES Seminar

Friday 27th October 2023

from 9:30-12:00 CET

Roche B92 Auditorium & Hybrid meeting

Grenzacherstrasse, CH-4058 Basel (see map below)

This Seminar is free of charge. However, please register here (by 16th October for in-person attendance): <https://forms.gle/g4nGdwpUDZnEa74U9>

(For those attending remotely, we will send you a link to join the meeting after your registration and shortly before the meeting date.)

Basel Epidemiology Seminar (BES) is an independent, non-profit forum for discussion between epidemiologists. More information can be found here: <https://baselepiseminar.github.io/home/>

Outline:

Several frameworks or tools exist to transform real-world data into real-world evidence for regulators or payers in the post-market setting. These frameworks include PICOT, the target trial, the causal inference roadmap and the estimand frameworks. All of them help teams with eliciting relevant scientific questions and align study design, data collection or existing data scoping, and analytical methods to those stated questions. This seminar will give a brief overview of these tools, their shared philosophies, and complementarities and illustrate their use with case studies in comparative safety, and comparative effectiveness. The speakers will share some lessons learned, tips, or considerations, on communicating these tools to their cross-functional teams to elicit discussion and refine the design and analysis.

Agenda:

09:30am **Welcome from the organizing committee** (Thibaut Sanglier)

9:40 - 10:00am **An Introduction to Estimands – Tell me what you want. What you really, really want.** (Vivian Lanius, Expert Statistician, Bayer) (remote)

10:00 - 10:30am **Case study 1: Applying the target trial emulation framework when time 0 is ambiguous** (Isaac Gravestock, PDD RWDS, Roche)

10' for questions

10:40 - 11:10am **Case study 2: Long term safety – how to hit a moving target** (Valentine Jehl, Novartis)

10' for questions

11:20 - 11:50am **Estimands in the context of External Comparator Arm studies** (Gerd Rippin, Senior Director, Biostatistics, Real-World Solutions, IQVIA)

10' for questions

12:00noon Closure of the meeting

Location of Building 92 on the Roche campus:



zu Fuss,
mit öffentlichem Verkehr,
mit dem Velo

on foot,
via public transport,
by bike

- Porte Gatehouse
- Veloparkplatz Bike parking
- Shuttle Service
- Öffentlicher Nahverkehr Local public transport