7th EBMT Statistical Course

Leiden, Netherlands
6-9 October 2025

Every participant should bring their OWN computer with pre-installed R and RStudio (free software) which you will need to install on your laptop <u>before</u> the course.

Monday, 6 October 2025

08:45 – 09:00	**Welcome and Introduction**

09:00 – 13:00	**Session I: Basic Statistics and Descriptive Analysis**
09:00 – 09:30	Collecting data / Database creation
09:30 – 10:30	Descriptive analyses

10:30 – 11:00	**Coffee break**

11:00 – 12:00	Hypothesis testing and statistical tests
12:00 – 13:00	Logistic regression and linear regression

13.00 – 14.00	**Lunch break**

14:00 – 17:00	**Session II: R and R Studio**
14:00 – 16:00	Introduction to R and RStudio
16:00 – 17:00	Descriptive analyses: practical session (R)

Tuesday, 7 October 2025

09:00 – 17:00	**Session III: Survival Analysis**
09:00 – 09:30	Censored data / survival and hazard functions
09:30 – 10:30	Kaplan Meier curves & Log rank test

10:30 – 11:00	**Coffee break**

11:00 – 13:00	Kaplan Meier curves & Log rank test: practical session (R)

13.00 – 14.00	**Lunch break**

14:00 – 15:00	Confounding and effect modification
15:00 – 16:00	Cox model : introduction
16:00 – 17:00	Missing baseline values

09:00 – 17:00	**Session IV: Cox**
09:00 – 10:30	Cox model: proportionality / stratification / variable selection
10:30 – 11:00	**Coffee break**
11:00 – 13:00	Cox model: practical session I (R)
13.00 – 14.00	**Lunch break**
14:00 – 14:40	Cox model: Interactions
14:40 – 15:30	Cox model: practical session II (R)
15:30 – 16:10	Cox model: Time dependent variables
16:10 – 17:00	Cox model: practical session III (R)
20:00	**Farewell dinner (open to all)**

Thursday, 9 October 2025

08:30 – 13:00	**Session V: Competing risks**
08:30 – 10:30	Competing risks: cumulative incidence and cause-specific hazard
10:30 – 11:00	**Coffee break**
11:00 – 13:00	Competing risks: practical session (R)
13.00 – 14.00	**Lunch break**

14:00 – 16:00	**Session VI: Study Design**
14:00 – 15:00	Different study designs & biases
15:00 – 16:00	Statistical blunders and big mistakes
16:00 – 16:10	**Closing remarks**