

Statistical methods for meta-analysis using individual participant data – online course timetable

PRE-COURSE OPTIONAL MATERIAL:

- Video - Rationale and broad overview of IPD meta-analysis

DAY 1: TWO-STAGE META-ANALYSIS

Faculty will be available to answer questions as needed via chat in each session as well as in the live Q&A sessions throughout the day. Microsoft Teams will be used to help participants during computer practical sessions and for open faculty time at the end of the day. For those participants wanting to do the course live, between 09:00 to 17:30 (UK time), then the following is the time schedule for your day:

09:00 – 09:30	Live: Welcome and agenda for course; introduction to platform & faculty
09:30 – 10:30	Lecture 1 (pre-recorded): Two-stage IPD meta-analysis: Fundamental methods
10:30 – 10:45	Live: Q&A
10:45 – 11:00	Break
11:00 – 11:45	Lecture 2 (pre-recorded): Two-stage IPD meta-analysis: Interpretation and estimation
11:45 – 12:00	Live: Q&A
12:00 – 12:45	Lunch
12:45 – 14:30	Computer practical 1 (participants to follow practical question sheet*): - Two-stage IPD meta-analysis
14:30 – 14:45	Live: Q&A
14:45 – 15:00	Break
15:00 – 16:00	Lecture 3 (pre-recorded): Special topics I: Bias, power, prognostic factor, prediction model performance
16:00 – 16:15	Live: Q&A
16:15 – 16:45	Live: Open faculty time

* faculty available to answer questions as needed via MS Teams

DAY 2: ONE-STAGE META-ANALYSIS

Faculty will be available to answer questions as needed via chat in each session as well as in the live Q&A sessions throughout the day. Microsoft Teams will be used to help participants during computer practical sessions and for open faculty time at the end of the day. For those participants wanting to do the course live, between 09:00 to 17:30 (UK time), then the following is the time schedule for your day:

09:00 – 10:00	Lecture 4 (pre-recorded): One-stage IPD meta-analysis: Fundamental methods
10:00 – 10:15	Live: Q&A
10:15 – 10:30	Break
10:30 – 11:00	Lecture 5 (pre-recorded): One-stage or two-stage? Differences & recommendations
11:00 – 11:15	Live: Q&A
11:15 – 12:45	Computer practical 2 (participants to follow practical question sheet*) - One-stage IPD meta-analysis
12:45 – 13:30	Lunch
13:30 – 14:50	Lecture 6 (pre-recorded): Estimation of effect modifiers (interactions)
14:50 – 15:05	Live: Q&A
15:05 – 15:20	Break
15:20 – 16:20	Computer practical 3 (participants to follow practical question sheet*) - Interactions
16:20 – 16:35	Live: Q&A
16:35 – 17:00	Live: Open faculty time

* faculty available to answer questions as needed via MS Teams

DAY 3: MULTIVARIATE META-ANALYSIS

Faculty will be available to answer questions as needed via chat in each session as well as in the live Q&A sessions throughout the day. Microsoft Teams will be used to help participants during computer practical sessions and for open faculty time at the end of the day. For those participants wanting to do the course live, between 09:00 to 17:30 (UK time), then the following is the time schedule for your day:

09:00 – 10:00	Lecture 7 (pre-recorded): Special topics II: DTA, Multiple imputation, reporting
10:00 – 10:15	Live: Q&A
10:15 – 10:30	Break
10:30 – 11:05	Lecture 8 (pre-recorded): Multivariate meta-analysis using IPD: Fundamental methods
11:05 – 11:20	Live: Q&A
11:20 – 12:05	Lecture 9 (pre-recorded): Multivariate meta-analysis using IPD: Applications & advantages
12:05 – 12:20	Live: Q&A
12:20 – 13:05	Lunch
13:05 – 14:35	Computer practical 4 (participants to follow practical sheet*) - Multivariate meta-analysis
14:35 – 14:45	Live: Q&A
14:45 – 15:00	Break
15:00 – 16:00	Lecture 10 (pre-recorded): Network meta-analysis and advantages of IPD
16:00 – 16:30	Live: Final Q&A session and course wrap-up

* faculty available to answer questions as needed via MS Teams