

Multiple imputation methods for addressing missing data in cost-effectiveness analysis of clinical trials

Course programme

DAY 1 - 20 September 2016

Time	Session	Room
09.30-09.45	Welcome	TW1.1.04
09.45-10.30	Lecture 1: Overview of missing data issues in trial-based cost-effectiveness analysis (CEA) – Dr Manuel Gomes, LSHTM	TW1.1.04
10.30-10.45	Coffee break	TW1.1.04
10.45-11.45	Lecture 2: Alternative strategies for dealing with missing data - Dr Jonathan Bartlett, AstraZeneca	TW1.1.04
11.45-13.00	Practical 1: Descriptive analysis of the missing data.	TW2.4.01
13.00-14.00	Lunch	TW1.1.04
14.00-15.00	Lecture 3: Introduction to MI for handling missing data in Stata - Prof Ian White, MRC Biostatistics Unit - Cambridge	TW1.1.04
15.00-15.15	Tea break	TW1.1.04
15.15-16.30	Practical 2: Practical use of MI in trial-based cost-effectiveness analysis	TW2.4.01

DAY 2 - 21 September 2016

Time	Session	Room
09.30-10.30	Lecture 4: Advanced statistical issues: hierarchical data - Dr Manuel Gomes, LSHTM	TW2.9.04
10.30-10.45	Coffee break	TW2.9.04 (Kitchen)
10.45-12.00	Practical 3: Implementing multilevel MI in Stata	TW2.4.03
12.00-13.00	Lunch	TW2.9.04 (Kitchen)
13.00-14.00	Lecture 5: Strategies for sensitivity analysis to assess departures from MAR - Prof James Carpenter, LSHTM	TW2.9.04
14.00-14.15	Tea break	TW2.9.04 (Kitchen)
14.15-15.30	Practical 4: Conducting sensitivity analysis to departures from MAR via pattern mixture models	TW2.4.03
15.30-16.00	Open session: Discuss practical issues in participants' own case studies	TW2.9.04
16.00-16.30	Course evaluation and close	TW2.9.04