Network meta-analysis

A project-based course using R

April 28th – 30th, 2018

Saturday			
10:30	to	11:00	Welcome and introductions
11:00	to	12:00	Meta-analysis of pairwise comparisons
12:00	to	12:30	Choice of project to work on: examples of network meta-analyses
12:30	to	*14:00*	*Lunch*
14:00	to	14:45	Indirect and mixed treatment comparisons
14:45	to	16:00	**Practical**: Pairwise meta-analysis on indirect comparisons
16:00	to	*16:20*	*Coffee break*
16:20	to	17:00	Assumptions underlying indirect and mixed treatment comparison
17:00	to	17:20	**Writing network meta-analysis 1:** Protocol and final report
17:20	to	18:30	Work on their own data
Sunday			
09:15	to	10:00	Basic parameters and the analysis of a star network
10:00	to	*10:15*	*Coffee break*
10:15	to	11:15	**Practical**: Analysis of a star network
11:15	to	12:00	Statistical analysis of a full network
12:00	to	*13:45*	*Lunch*
13:45	to	14:15	Presentation of results
14:15	to	15:30	**Practical:** performing network meta-analysis, ranking interventions and presenting the results
15:30	to	*15:45*	*Coffee break*
15:45	to	16:15	**Writing network meta-analysis 2:** Protocol and final report
16:15	to	18:00	Work on their own data
		20:00	***Evening Lecture***

Monday			
09:00	to	09:45	Detecting and exploring Inconsistency
09:45	to	10:30	**Practical:** Detecting inconsistency
10:30	to	*10:45*	*Coffee break*
10:45	to	11:45	CINeMA: a framework and software to evaluate Confidence in Network Meta-Analysis
11:45	to	12:45	**Practical:** evaluating confidence in the results using CINeMA in the worked example
12:45	to	*14:00*	*Lunch*
14:00	to	14:20	**Writing network meta-analysis 3:** Protocol and final report
14:20	to	14:45	Quiz: Who wants to be a network meta-analyst
14:45	to	16:00	Work on their own data
		16:00	Final remarks and close

Faculty	**Prof. Matthias Egger**, **Prof. Georgia Salanti**, **Dr. Dr. Orestis Efthimiou** **Dr. Adriani Nikolakopoulou, Dr. Theodore Papakonstantinou** University of Bern, Switzerland **Dr Anna Chaimani** Paris Descartes University, France
Place	Kea Island | Greece