

Inserm Workshop 274

Essais randomisés en cluster et essais randomisés intra-patient : aspects statistiques, pratiques et éthiques

Cluster randomized trials and within-person randomized trials: statistical, practical and ethical issues

21-23 Juin 2023 / June 21-23, 2023 ■ **Bordeaux, France**

Mercredi 21 Juin 2023 ■ **Wednesday June, 21 2023**

15:30 - 16:00	Reception of participants
16:00 - 16:15	Welcome and presentation by the organizers
SESSION I	Cluster randomized trials: planning, conduct and analysis
16:15 - 17:00	Generalities: what is a cluster randomized trial? when should we cluster randomize? For which kind of intervention? Sandra Eldridge (Queen Mary University of London, United Kingdom)
17:00 - 17:30	Coffee break
17:30 - 18:15	Designs in cluster randomized trials: parallel or not? Complete or incomplete? Baseline data or not? Equal or unequal allocation? Andrew Copas (University College London, United Kingdom)
18:15 - 19:00	Sample size calculation in different cluster randomized designs Monica Taljaard (Ottawa Hospital Research Institute, Canada)
19:30	Dinner

Jeudi 22 Juin 2023 ■ **Thursday June, 22 2023**

06:30 - 08:30	Breakfast
08:30 - 09:15	Small number of clusters: planning, analysis Clémence Leyrat (London School of Hygiene and Tropical Medicine, United Kingdom)
09:15 - 10:00	Risk of bias in cluster randomized trials Sandra Eldridge & Bruno Giraudeau (Queen Mary University of London, United Kingdom - University of Tours & INSERM U1246)
10:00 - 10:30	Coffee break
10:30 - 11:15	Statistical analysis of a cluster randomized trials: cluster-level analysis, individual level analysis, missing data, intraclass correlation estimation Elisabeth Turner (Duke University, USA)
11:15 - 12:00	Ethical issues in cluster randomized trials Charles Weijer (Western University, London, Canada)

12:00 - 14:00	Lunch
SESSION II	Cluster randomized cross-over trials and stepped-wedge cluster randomized trials
14:00 - 14:45	Specificities of cluster randomized cross-over trials Andrew Forbes (Monash University, Melbourne, Australia)
14:45 - 15:30	Stepped-wedge cluster randomized trials: general issues Karla Hemming (University of Birmingham, United Kingdom)
15:30 - 16:00	Coffee Break
16:00 - 16:45	Analysis of a stepped-wedge cluster randomized trial Andrew Copas (University College London, United Kingdom)
16:45 - 17:30	Correlation structure in cluster randomized cross-over and stepped-wedge cluster randomized trials Jessica Kasza (Monash University, Melbourne, Australia)
SESSION III	Practical issues
17:30 - 18:15	Practical issues: lessons from several years of experience Laurent Billot (The George Institute for Global Health, Sydney, Australia)
19:30 - 20:15	Cocktail
20:15	Dinner

Vendredi 23 Juin 2023 ■ **Friday June, 23 2023**

06:30 - 08:30	Breakfast
08:30 - 09:15	Challenges in stepped-wedge cluster randomized trials Agnès Caille (University of Tours & INSERM U1246)
SESSION IV	Within person randomized trials
09:15 - 10:00	Within-person randomized trial: general issues and reporting Nikolaos Pandis (University of Berne, Switzerland)
10:00 - 10:30	Coffee Break
10:30 - 11:15	Within-person randomized trial in dermatology: planning and analysis Sophie Leducq (University of Tours & INSERM U1246)
11:15 - 12:00	Within-person randomized trial in dentistry Emmanuel Lesaffre (KU Leuven University, Belgium)
12:00 - 14:00	Lunch
14:00	Departure