

Inserm Workshop 255

Développements récents en analyse de données de santé perçue et psychométrie en santé

Recent developments in the analysis of patient-reported outcomes and psychometric data in health

20-22 mai 2019 / May 20-22, 2019 ■ Bordeaux, France

Lundi 20 mai 2019 ■ Monday May, 20th 2019

15:30 - 16:00	Reception of participants
16:00 - 16:15	Welcome and presentation by the organizers
SESSION I	Introduction, concepts and methods
16:15 - 17:00	Measurement theory and measurement models Jean-Benoit Hardouin (Inserm UMR 1246 SPHERE, Nantes, France)
17:00 - 17:30	Coffee break
17:30 - 18:15	Critical review of methods for the analysis of Quality of Life data in clinical research Jean-François Hamel (Université d'Angers, Angers, France)
18:15 - 19:00	Social and Human Science perspectives on perceived health measures and subjective concepts Aline Sarradon-Eck (Inserm UMR 912 SESSTIM, Marseille, France)
19:30	Dinner

Mardi 21 mai 2019 ■ Tuesday May, 21th 2019

06:30 - 08:30	Breakfast
SESSION II	Methods for cross-sectional data
08:30 - 09:15	How to synthesize research using patient-reported measures in cancer care: meta-analyses' principles and issues Sophie Lelorain (SCALab Sciences cognitives et sciences affectives CNRS, Lille, France)
09:15 - 10:00	Cross-cultural adaptation: issues and methods for content validity Francis Guillemin (APEMAC, Université de Lorraine, Nancy, France)
10:00 - 10:30	Coffee break
10:30 - 11:15	Assessing heterogeneity in patient-reported outcomes with latent variable mixture models. Lisa Lix (University of Manitoba, Winnipeg, Canada)
11:15 - 12:00	Cross-National Harmonization of Mental Status and Cognitive Performance Data: Suitability for Comparative Epidemiologic Research Richard Jones (Brown University, Rhode Island, Etats-Unis)
12:00 - 14:00	Lunch

SESSION III	Methods for longitudinal data
14:00 - 14:45	Mixed models for the analysis of repeated psychometric data Cécile Proust-Lima (Bordeaux Population Health Research Center, Bordeaux, France)
14:45 - 15:30	Potential of Rasch modeling for handling potentially informative intermittent missing data in longitudinal studies Elodie de Bock (Patient-Centered Sciences, ICON plc, Lyon, France)
15:30 - 16:00	Coffee Break
16:00 - 16:45	Latent process modelling: extension of latent variable models for repeated psychometric data Cécile Proust-Lima (Inserm U1219, Bordeaux, France)
16:45 - 17:30	Comparison of statistical methods for the analysis of repeated quality of life data in oncology Antoine Barbieri (Bordeaux Population Health Research Center, Bordeaux, France)
17:30 - 18:15	Longitudinal Structural Equation Modeling for PRO data Mathilde Verdam (University of Leiden, Leiden, Pays-Bas)
19:30 - 20:15	Cocktail
20:15	Dinner

Mercredi 22 mai 2019 ■ **Wednesday May, 22th 2019**

06:30 - 08:30	Breakfast
SESSION IV	Current challenges and perspectives in PRO analysis
08:30 - 09:15	Measurement non-invariance – Rasch models for Response Shift analysis in longitudinal PRO data at item-level Véronique Sébille (Inserm UMR 1246 SPHERE, Nantes, France)
09:15 - 10:00	Joint modelling of repeated PROs and time to event Loïc Ferrer (Institut Curie, Paris, France)
10:00 - 10:30	Coffee Break
10:30 - 11:15	Network analyses for psychometric data : a new perspective" Alexandra Rouquette (Inserm UMR 1178 - Mental Health and Public Health, Paris, France)
11:15 - 12:00	Conclusion and perspectives for future research Véronique Sébille (Inserm UMR 1246 SPHERE, Nantes, France)
12:00 - 14:00	Lunch
14:00	Departure