

Inserm Workshop 261

Avancées récentes dans l'analyse statistique des données de survie
Recent advances in statistical analysis of survival data

13-15 mai 2020 / May 13-15 2020 ■ Bordeaux, France

Mercredi 13 mai 2020 ■ **Wednesday May, 13th 2020**

15:30 - 16:00	Reception of participants
16:00 - 16:15	Welcome and presentation by the organizers
SESSION I	Introduction to survival analysis
16:15 - 17:00	Overview of recent advances in survival analysis Per Andersen (University of Copenhagen, Denmark)
17:00 - 17:30	Coffee break
SESSION II	High dimensional survival data
17:30 - 18:15	Random forest for survival data Thomas Gerds (University of Copenhagen, Denmark)
18:15 - 19:00	A high-dimensional model for censored durations Agathe Guilloux (Paris-Saclay, France)
19:30	Dinner

Jeudi 14 mai 2020 ■ **Thursday May, 14th 2020**

06:30 - 08:30	Breakfast
SESSION III	Multi-state models
08:30 - 09:15	Introduction to multi-state models Hein Putter (Leiden University, Netherland)
09:15 - 10:00	Multi-state models with time dependent exposure Jan Beyersman (Ulm University, Germany)
10:00 - 10:30	Coffee break
10:30 - 11:15	Multi-state models for intermittently observed data Christopher Jackson (MRC Laboratory of Molecular Biology, Cambridge, United Kingdom)
11:15 - 12:00	Restricted mean survival time, years lost and new functionals in multi-state models Aurélien Latouche (Cnam, Paris, France)
12:00 - 14:00	Lunch
SESSION IV	Causality in survival analysis
14:00 - 14:45	Causal interpretation in survival analysis Kjetil Roystland (University of Oslo, Norway)
14:45 - 15:30	Hazard ratio and probabilistic Index in Cox model Jan de Neve (Ghent University, Belgium)

15:30 - 16:00	Coffee Break
SESSION V	Recurrent events
16:00 - 16:45	Introduction to recurrent events Jennifer Rogers (University of Oxford, United Kingdom)
16:45 - 17:30	Accounting for risk-free periods in models for recurrent events Richard Cook (University of Waterloo, Canada)
17:30 - 18:15	Joint models for recurrent events and terminal events Virginie Rondeau (Inserm U1219, Bordeaux, France)
19:30 - 20:15	Cocktail
20:15	Dinner

Vendredi 15 mai 2020 ■ **Friday May, 15th 2020**

06:30 - 08:30	Breakfast
SESSION VI	Joint models for time-to- event and longitudinal markers
08:30 - 09:15	Introduction to joint models and extension for multivariate generalized linear model Mickael Crowther (University of Leicester, United Kingdom)
09:15 - 10:00	Prediction from joint models Dimitris Rizopoulos (Erasmus Medical Center Rotterdam, Netherland)
10:00 - 10:30	Comparison of joint models and landmark approach Loïc Ferrer (Sophia Genetics, Bordeaux, France)
10:30 - 11:00	Coffee Break
11:00 - 11:45	Joint model for heteroscedastic data Jessica Barrett (Medical Research Council, Cambridge, United Kingdom)
11:45 - 12:30	Joint latent class mixed models Cécile Proust-Lima (Inserm U1219, Bordeaux, France)
12:00 - 14:00	Lunch
14:00	Departure