

Inserm Workshop 261

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

25-28 mai 2021 / May 25-28 2021 ■ **Bordeaux, France**

Mardi 25 mai 2021 ■ **Tuesday May, 25th 2021**

9:00 - 9:15	Welcome and presentation by the organizers
SESSION I	Introduction to survival analysis
9:15 - 10:00	Overview of recent advances in survival analysis Per Andersen (University of Copenhagen, Denmark)
10:00 - 10:15	Coffee break
SESSION II	High dimensional survival data
10:15 - 11:00	Random forest for survival data Thomas Gerds (University of Copenhagen, Denmark)
11:00 - 11:45	A high-dimensional model for censored durations Agathe Guilloux (Paris-Saclay, France)
11:45 - 12:15	Meet the speakers (3 links)

Mercredi 26 mai 2021 ■ **Wednesday May, 26th 2021**

SESSION III	Multi-state models
09:00 - 09:45	Introduction to multi-state models Ahmadou Alioum (Inserm U1219, Bordeaux, France)
09:45 - 10:30	Dynamic prediction with multi-state models Hein Putter (Leiden University, NL)
10:00 - 10:15	Coffee break
10:15 - 11:00	Multi-state models for intermittently observed data Christopher Jackson (MRC Biostatistics Unit, Cambridge, United Kingdom)
11:00 - 11:45	Restricted mean survival time, years lost and new functionals in multi-state models Aurélien Latouche (Cnam, Paris, France)
11:45 - 12:15	Meet the speakers (4 links)

Jeudi 27 mai 2021 ■ Thursday May, 27th 2021

	Causality in survival analysis
08:30 - 09:15	Causal interpretation in survival analysis Kjetil Roystland (University of Oslo, Norway)
9:15 - 10:00	Hazard ratio and probabilistic Index in Cox model Jan de Neve (Ghent University, Belgium)
10:00 - 10:15	Coffee break and Poster session
SESSION V	Recurrent events
10:15 - 11 :00	Introduction to recurrent events Jennifer Rogers (University of Oxford, United Kingdom)
11:00 - 11 :45	Accounting for risk-free periods in models for recurrent events Richard Cook (University of Waterloo, Canada)
11 :45 - 12:30	Joint models for recurrent events and terminal events Virginie Rondeau (Inserm U1219, Bordeaux, France)
12 :30 - 13:00	Meet the speakers (5 links)

Vendredi 28 mai 2020 ■ Friday May, 28th 2020

SESSION VI	Joint models for time-to- event and longitudinal markers
08:30 - 09:15	Introduction to joint models Michael Crowther (Karolinska Institute, Sweden)
09:15 - 10:00	Prediction from joint models Dimitris Rizopoulos (Erasmus Medical Center Rotterdam, Netherlands)
10:00 - 10:15	Coffee break and Poster session
10:15 - 10:45	Comparison of joint models and landmark approach Loïc Ferrer (Sophia Genetics, Bordeaux, France)
10:45 - 11:30	Joint model for heteroscedastic data Jessica Barrett (MRC Biostatistics Unit, Cambridge, United Kingdom)
11:30 - 12:15	Joint latent class mixed models Cécile Proust-Lima (Inserm U1219, Bordeaux, France)
12:15 - 12 :45	Meet the speakers (5 links)