Population-based Time-to-event Analyses International Conference

Wednesday 31 August - Friday 2 September 2016

London School of Hygiene and Tropical Medicine

Day 1 Competing risks (Chair: Sir David Cox)			
Time	**Type of event**	**Speaker**	**Title**
8:30-9:00	Registration		
9:00-9:15	Welcome		
9:15-10:15	**Invited Talk**	**Per Kragh Andersen**	**Pseudo-Observations: a review**
10:15-10:35	Talk	Maja Pohar Perme	A pseudo-observations estimator of net survival
10:35-10:55	Talk	Shou Komukai	Doubly Robust Estimator for Net Survival Rate in Analyses of Cancer Registry Data
10:55-11:20	Coffee break		
11:20-12:20	**Invited Talk**	**Aurélien Latouche**	**The measure of socioeconomic gradients in years lost and its decomposition by cause of death**
12:20-12:40	Talk	Mia Klinten Grand	Regression models for expected length of stay
12:40-13:00	Talk	Xing-Rong Liu	Penalised relative survival
13:00-14:00	Lunch		
14:00-15:00	**Invited Talk**	**Ronald Geskus**	**Use and interpretation of time-varying covariables in the Fine and Gray model**
15:00-15:20	Talk	Sarwar Islam	Direct likelihood inference on the cause-specific cumulative incidence function: a flexible parametric modelling approach
15:20-15:40	Talk	Vinicius F. Calsavara	Time-Varying Effects in Semiparametric Survival Models Using Wavelets
15:40-16:00	Coffee break		
16:00-16:20	Talk	Emad Masuadi	Nonparametric multivariate frailty models with competing risks
16:20-16:40	Talk	Stephanie Van der Pas	Competing risks with time-dependent clustering
16:40-17:10	Discussion	Open Discussion	
17:10-19:00	Poster Reception		

Day 2 Hierarchical Models (Chair: Robin Henderson)			
Time	**Type of event**	**Speaker**	**Title**
9:00-10:00	**Invited Talk**	**Andreas Wienke**	**Correlated Frailty Models – Advantages and Limitations**
10:00-10:20	Talk	Hadrien Charvat	A general approach to fit flexible hazard regression models with multiple random effects
10:20-10:40	Talk	Anais Rouanet	Comparison of marginal and conditional analyses for longitudinal data truncated by death and dropout
10:40-11:10	Coffee break		
11:10-12:10	**Invited Talk**	**Catherine Legrand**	**Time-varying frailty model: what can we do?**
12:10-12:30	Talk	Theodor Adrian Balan	Dynamic frailty models for recurrent events data
12:30-12:50	Talk	Conor Donnelly	Exploring the Coxian phase-type distribution within a joint model setting
12:50-14:00	Lunch		
14:00-15:00	**Invited Talk**	**Inês Sousa**	**Joint Models for longitudinal and survival data using Integrated Nested Laplace Approximation**
15:00-15:20	Talk	Karri Seppä	Estimating regional variation in excess mortality of cancer patients using integrated nested Laplace approximation
15:20-15:40	Talk	Loic Ferrer	Comparison of approaches for dynamic predictions in competing risks
15:40-16:00	Coffee break		
16:00-16:20	Talk	Anja Rueten-Budde	Investigating hospital heterogeneity with a competing risks frailty model
16:20-16:40	Talk	Ruth Keogh	Dynamic prediction of survival using landmarking in large longitudinal observational patient databases, with an application in Cystic Fibrosis
16:40-17:10	Discussion	Open Discussion	

Day 3 Causal Inference (Chair: Bianca De Stavola)			
Time	**Type of event**	**Speaker**	**Title**
9:00-10:00	**Invited Talk**	**Mark Van Der Laan**	**Targeted Learning of Causal Effects of Interventions on a Survival outcome**
10:00-10:20	Talk	Oliver Dukes	Adjusting for time-varying confounding in survival analysis using structural nested cumulative survivals models
10:20-10:40	Talk	Stephen Kastoryano	Decomposing Causal Mechanisms with Duration Outcomes
10:40-11:10	Coffee break		
11:10-12:10	**Invited Talk**	**Miguel Hernan**	**Survival analysis in the presence of treatment-confounder feedback**
12:10-12:30	Talk	Nathalie Graffeo	Modeling time-varying exposure for inverse probability of treatment weights: extending the R IPW package
12:30-12:50	Talk	Carlo Lancia	Counterfactual Osteosarcoma Survival by Marginal Structural Proportional Hazards
12:50-14:00	Lunch		
14:00-14:20	Talk	Carine Jasseron	Inverse probability censored weighted method to predict mortality in heart transplant candidates in France
14:20-15:20	**Invited Talk**	**Stephen R. Cole**	**Generalized learning with an example from HIV**
15:20-16:00	Discussion	Open Discussion	
16:00-16:15	Closing comments and wrap-up		