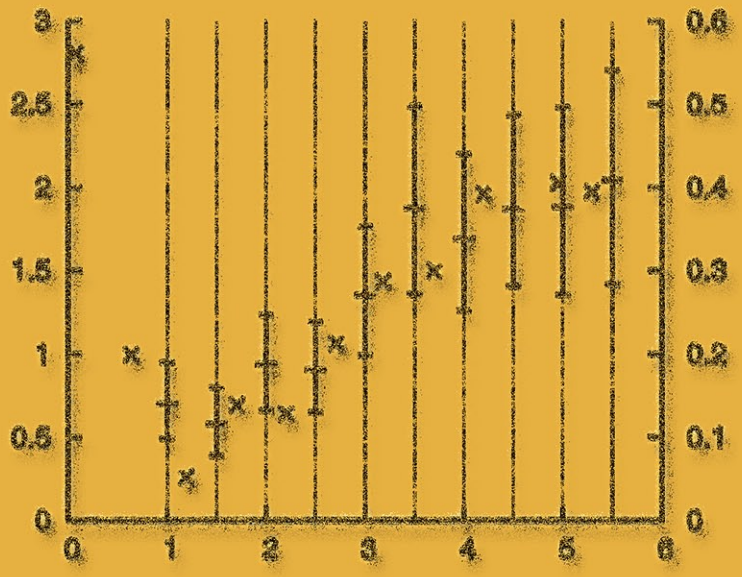

Cancéropôle Grand Sud-Ouest

Bordeaux · Limoges · Montpellier · Nîmes · Toulouse

BORDEAUX

10 - 11 october 2013

ISPED - amphi Louis

Dynamic Predictions for Repeated Markers and Repeated Events "Models and Validation in Cancer"

Two days of international lectures in Bordeaux
about biostatistics and mathematics applied on cancer

WITH

KAREL MOONS
JANEZ STARE
THOMAS A. GERDS
DIMITRIS RIZOPOULOS
HEIN PUTTER
JEREMY M. G. TAYLOR
AND OTHERS...

SESSION PROGRAM

1 - PREDICTIVE ASSESMENT FOR SURVIVAL MODELS
2 - MODELLING OF RECURRENT EVENTS AND COMPETING RISKS
3 - LONGITUDINAL AND SURVIVAL DATA MODELLING
4 - MECHANISTIC MODELS AND PRECLINICAL ASPECTS

registration and information: http://goo.gl/9M8K4

Institut de Recherche en Santé Publique IReSP

Statistique Santé & GR

SFR Santé Publique, Société

Bordeaux school of public health ISPED Institut de Santé Publique d'Epidémiologie et de Développement

SFdS Société Française de Statistique

capionis

Dynamic Predictions for Repeated Markers and Repeated Events: Models and Validation in Cancer

DAY ONE
10 oct

INTRODUCTION ON PREDICTIVE ASSESMENT FOR SURVIVAL MODELS
Predictive power, discriminatory power, goodness of fit, development of predictive tools

9H00 - 12h20

Karel Moons - Julius Center for Health Sciences and Primary Care, Utrecht
Introduction on predictive evaluation and examples - Short course

Janez Stare - University of Ljubljana
General Introduction on R2 in survival - Short course

Thomas A. Gerds - University of Copenhagen
Evaluation of dynamic risk prediction models - Short course

MODELLING OF RECURRENT EVENTS AND COMPETING RISKS
Models development, prognostic Tools, cancer applications

14h00 -17h20

Hein Putter - Leiden University Medical Center
Dynamic prediction by landmarking in competing risks - Short course

Vincent Couallier - Mathematical Institute, Bordeaux
Counting processes and recurrent events: beyond the cox model for Poisson process

Virginie Rondeau - INSERM U897, ISPED, Bordeaux
Dynamic prognostic tools using joint models on recurrent and terminal events

Jeremy M. G. Taylor - University of Michigan School of Public Health
Multistate models for colon cancer recurrence and death with a cured fraction

Registration

http://goo.gl/9M8K4

DAY TWO
11 oct

LONGITUDINAL AND SURVIVAL DATA MODELLING
Models development, prognostic tools, cancer applications

9h00 - 12h30

Dimitris Rizopoulos - Erasmus University of Rotterdam
Joint modelling - Short course

Cécile Proust-Lima - INSERM U897, ISPED, Bordeaux
Dynamic predictions and their evaluation

Paul Blanche - INSERM U897, ISPED, Bordeaux
AUC for dynamic models

Donna Pauler Ankerst - TUM, Munich and Univ. of Texas Health Science Center
Towards institution - and investigator - specific self-updating risk calculators for prostate cancer

MECHANISTIC MODELS AND PRECLINICAL ASPECTS
14h00 - 16h20

Adeline Samson - MAP5 CNRS 8145, University of Paris Descartes
Stochastic models - Short course

Benjamin Ribba - INRIA Grenoble
Tumor Growth Inhibition Modeling for Low-Grade Glioma

Thierry Colin - Mathematical Institute - INRIA, Bordeaux
Image-based simulation of tumor growth. Applications to lung and liver metastasis

Mélanie Prague - INSERM U897, ISPED, Bordeaux
Individual predictions using mechanistic models

Thomas Filleron - Claudius Regaud Institute, Toulouse
Designing group sequential randomized clinical trials with time to event endpoints using a R function

16h20 - 16:40 **GENERAL CONCLUSION**

Aurélien Latouche - CNAM, Paris