

SEMINAR SERIES IN BIOSTATISTICS



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Zoom

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Modelling the probability of occurrence of events

Andrea received his PhD from Karolinska Institutet, Stockholm, working on the epidemiology of prostate cancer, i.e. incidence, mortality, and survival after diagnosis.

He is currently working as biostatistician at the same university focusing on the design of adaptive clinical trials and their analysis using Bayesian survival models.

In this talk he will introduce the event-probability function, a measure of occurrence of an event of interest over time and he will describe the interpretation of the event-probability function, proposing flexible models for estimating conditional event-probabilities given covariates and commenting on the relationship between the event-probability function and the hazard function. Real data on survival in metastatic renal carcinoma patients is used to illustrate the proposed methods.