

Syllabus – Major C 231 – Survival analysis

Learning objectives: at the end of the module, the students should be able to:

1. To learn basic concepts, models, methods, and applications in survival analysis;
2. To develop adequate quantitative skills to solve real public health problems using adequate statistical methods;
3. To build on survival analysis methods to work on advanced research topics;

More specifically, we will introduce survival functions, hazard rates, types of censoring and truncation. Methods of our focus will include life tables, Kaplan-Meier plots, log-rank tests, Cox regression models. Students taking this course are expected to develop computer skills for implementing statistical methods and ability to appropriately interpret the results.

Master of Public Health - Semester 3

Module 231: Major C “tba”

Coordinator: tba

Programme to be defined

Week 04: from 23rd to 27th of January 2012

Location: Reid Hall 4 rue de Chevreuse – 75006 PARIS