



SUMMER SCHOOL ON MODERN METHODS IN BIostatISTICS AND EPIDEMIOLOGY

31 MAY-13 JUNE 2020



The School offers introductory and advanced courses in medical statistics and epidemiology, and their application to clinical and etiology research and public health. It is meant to provide researchers, physicians, and health professionals with insight into available analytical tools for planning research, handling data, and interpreting results. These allow the use of scientific data, including controlled experiments and well-structured observational data, as the source for decision making.

**The school will be held from May 31 to June 13, 2020
at CastelBrando, in Cison Di Valmarino, Treviso, Italy.**

MAY 31			
Stata Courses 1 (9:00-17:00)			
Basics of Stata®	Analysis of Prospective Studies using Stata®	Meta-analysis with Stata®	
JUNE 1-6			
Block 1 (8:30-10:30 Lecture, 14:00-15:30 Lab)			Block 3 (8:30-17:30)
Principles of Biostatistics	Linear Regression for Medical Research	Causal Inference in Epidemiology	Statistical Methods for Population Based Cancer Survival Analysis
Block 2 (11:00-13:00 Lecture, 16:00-17:30 Lab)			
Principles of Epidemiology	Logistic Regression for Medical Research	Mediation Analysis	
JUNE 7			
Stata Courses 2 (9:00-17:00)			
Basics of Stata®	Data Visualization with Stata®	Epi Tables using Stata®	Multiple Imputation with Stata®
JUNE 8-13			
Block 4 (8:30-10:30 Lecture, 14:00-15:30 Lab)			Block 6 (8:30-17:30)
Research Methods in Health: Biostatistics	Longitudinal Data Analysis	An Introduction to Sample Surveys for Health	Public Health Emergency Preparedness and Response
Block 5 (11:00-13:00 Lecture, 16:00-17:30 Lab)			
Research Methods in Health: Epidemiology	Survival Analysis	Joint Modelling of Longitudinal and Survival Data	

The course teachers come from the Harvard University, Karolinska Institutet, and other American and European Universities.

Scientific Director: Marcello Pagano (Harvard University)

Course Directors: Rino Bellocco (University of Milano-Bicocca, Karolinska Institutet), Marco Bonetti (Bocconi University), Ylva Trolle Lagerros (Karolinska Institutet)

For more information, visit our website www.biostat.epi.org or email: bioepiedu@ki.se