



SUMMER SCHOOL ON MODERN METHODS IN BIOSTATISTICS AND EPIDEMIOLOGY

4-17 JUNE 2017



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 June 4 to June 17, 2017 at CastelBrando, in Cison Di Valmarino, Treviso, Italy.

JUNE 4

Stata Courses 1 (9:00-17:00)

Meta-analysis with Stata®	Basics of Stata®	Analysis of prospective studies using Stata®
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JUNE 5-10

Block 1 (8:30-10:30 Lecture, 14:00-15:30 Lab)

Principles of Biostatistics	Linear Regression for Medical Research	Causal Inference in Epidemiology
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Block 3 (8:30-17:30)

Effectiveness Research with Longitudinal Healthcare Databases *

Block 2 (11:00-13:00 Lecture, 16:00-17:30 Lab)

Principles of Epidemiology	Logistic Regression for Medical Research	Survival Analysis
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JUNE 11

Stata Courses 2 (9:00-17:00)

Tables for Epidemiologists Using Stata®	Basics of Stata®	Multiple Imputation Using Stata®	Data Visualization with Stata®
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JUNE 12-17

Block 4 (8:30-10:30 Lecture, 14:00-15:30 Lab)

Research Methods in Health: Biostatistics	Mediation Analysis	Longitudinal Data Analysis
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Block 6 (8:30-17:30)

Monitoring and Evaluation of Public Health Programs: Systems Approaches and Techniques

Block 5 (11:00-13:00 Lecture, 16:00-17:30 Lab)

Research Methods in Health: Epidemiology	Competing Risks for Survival Analysis	Flexible Modeling of Quantitative Predictors
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* This course can also be taken in its second part only, starting from Thursday (further information on the website).

The course teachers come from the Harvard T.H. Chan School of Public Health, Karolinska Institutet, and other European Universities.

Scientific Directors: Marcello Pagano (Harvard University) and Juni Palmgren (Karolinska Institutet); Course Directors are Rino Bellocco (University of Milano-Bicocca, Karolinska Institutet), Marco Bonetti (Bocconi University), Ylva Trolle Lagerros (Karolinska Institutet)