

Università degli Studi di Pavia - Anno accademico 2019/2020

Corso di Biostatistica per dottorandi

Statistical models useful in biomedical and behavioural research – A “hands on” approach using the package “R”

Prof. Mario Comelli

August 31 – September 4, 2020

Location: Biomedical Statistics Computer Laboratory – Cascina Cravino – Via Bassi 21, Pavia

<i>date</i>	<i>time</i>	<i>topic</i>	<i>teacher</i>
31/08/2020	9,30-13,30	Simple and Multiple Linear Regression	M. Comelli
01/09/2020	9,30-13,30	General Linear Model – Estimation and Prediction	M. Comelli
02/09/2020	9,30-13,30	General Linear Model – Selection and Validation	M. Comelli
03/09/2020	9,30-13,30	Random Effect General Linear Model	M. Comelli
04/09/2020	9,30-13,30	Logistic Regression	M. Comelli

Preliminary knowledge required to attend the course: the elementary concepts of biomedical statistics, to be found e.g. in the first 10 chapters of the book:

"Statistics at square one"

freely downloadable from:

<http://www.bmj.com/about-bmj/resources-readers/publications/statistics-square-one>