

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

September 28 – October 2, 2020

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

<i>Date</i>	<i>Time</i>	<i>Topic</i>	<i>Teacher</i>
28/09/2020	9,30-13,30	Simple and Multiple Linear Regression	M. Comelli
29/09/2020	9,30-13,30	General Linear Model – Estimation and Prediction	M. Comelli
30/09/2020	9,30-13,30	General Linear Model – Selection and Validation	M. Comelli
01/10/2020	9,30-13,30	Random Effect General Linear Model	M. Comelli
02/10/2020	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>