

Università degli Studi di Pavia - Anno accademico 2016-2017

Corso di Biostatistica per dottorandi

## Statistical models useful in biomedical research – A “hands on” approach exploiting the package “R”

Prof. Mario Comelli

June 12-16, 2017

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

<i>date</i>	<i>time</i>	<i>topic</i>	<i>teacher</i>
12/06/2017	9,30-13,30	Simple and Multiple Linear Regression	M. Comelli
13/06/2017	9,30-13,30	General Linear Model – Estimation and Prediction	M. Comelli
14/06/2017	9,30-13,30	General Linear Model – Selection and Validation	M. Comelli
15/06/2017	9,30-13,30	Random Effect General Linear Model	M. Comelli
16/06/2017	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>