



UNIVERSITÀ
DI PAVIA

**Corso di Biostatistica per dottorandi
Anno accademico 2020/2021**

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

Prof. Mario Comelli

September 20-24, 2021

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

Date	Time	Topic	Teacher
20/09/2021	9,30-13,30	Simple and Multiple Linear Regression	M. Comelli
21/09/2021	9,30-13,30	General Linear Model – Estimation and Prediction	M. Comelli
22/09/2021	9,30-13,30	General Linear Model – Selection and Validation	M. Comelli
23/09/2021	9,30-13,30	Random Effect General Linear Model	M. Comelli
24/09/2021	9,30-13,30	Logistic Regression	M. Comelli

Registrations at <https://forms.gle/5G7mJykaQ2UHWABZA>

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>