

## **CURRICULUM VITAE**

### **Comelli Mario**

Academic position **Associate Professor**

email **mario.comelli@unipv.it**

Phone **+39.0382.987559**

### **Academic degrees**

Mario Comelli was born in 1953, graduated in Physics in 1977 at Pavia University , specialized in Medical Statistics in 1984, is associate professor of Medical Statistics at Pavia University since 2000.

### **Academic experience**

1984 – today: curricular courses of Probability, basic and intermediate Mathematical Statistics, General Linear Models, Survival analysis and advanced methods of Clinical Trial Analysis at the post graduate school of Medical Statistics - Pavia University.

1991-1996: Medical Statistics curricular course for medical students at the Varese 2<sup>nd</sup> Medical Faculty - Pavia University

1997 –2000: Statistics courses included in the nursing and obstetrics three-year curricula of the Medical Faculty - Pavia University

2001-2008: Bio-statistics course included in the Bio-technological three-year curriculum - Pavia University

2003-today: Bio-statistics course included in the Medical and Pharmaceutical Biotechnology two-year post graduate curriculum - Pavia University

2002-2006: Bio-statistics course (held in English) included in the Biotechnology international three-year curriculum - Perugia University.

2005-today: 2<sup>nd</sup> Medical Statistics curricular module taught to the medical students of the Medical Faculty - Pavia University

Several short courses (mainly of Survival Analysis) and collaborations to other teachers' courses.

### **Research/professional experience**

I have worked in the fields of psychiatric epidemiology, traffic accident reconstruction and analysis, clinical trial analysis, multiple testing bias correction methods, Monte Carlo simulation to investigate the behaviour of statistical techniques, when used in conditions where their theoretical foundation breaks down.

My present research work concerns the application of mixed general and survival models in clinical epidemiology. Attention is focused on the selection and validation of the appropriate models. I currently investigate the numerical as well as graphical ways to extract the maximum extent of epidemiological information from them. The subject matter interpretation of the models' parameters and predictions, in the different fields where they are applied (Dentistry, Infectious Diseases, Nephrology, Neurology, Psychiatry etc.) is given the utmost consideration. Models suitable for the analysis of small size clinical trials are given particular thought.

My most recent research interest is the investigation of the cyclic variation of the symptom severity, in particular classes of psychiatric patients.

The English language knowledge is certified by the many lectures and scientific publications carried out during his career.