



## CURRICULUM VITAE ET STUDIORUM

**Name:** Giulia Barbati  
**Place and date of birth:** Rome, 28 February 1976  
**Nationality:** Italian  
**Marital status:** Married  
**Languages:** Italian (mother tongue), English, French  
**Present Position:** Researcher in Medical Statistics at the University of Trieste  
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### Research Interests

I am a biostatistician and I work in estimation of clinical risk prediction models and the assessment of their performance. In particular, my contribution is in the design, conduct and analysis of observational studies in the fields of chronic or acute diseases, interacting with investigators from various academic, hospital and industry institutions. My research interests are focused on survival analysis methods, regression techniques for longitudinal data, joint models for longitudinal and time-to-event data. Moreover, I am interested in statistical methods and tools for exploiting informational content of health administrative data and in machine learning algorithms for risk prediction in large datasets.

I am familiar with several statistical packages, in particular: R and IBM-SPSS; in addition I also have a basic knowledge of SAS Enterprise Guide.

### Education and Degrees

**October 1999:** Degree in Statistics 110/110, University *La Sapienza*, Rome (Italy).

Title of the thesis: *Robust methods for the identification of outliers, estimate and comparison of mean length of stay in DRG (Diagnosis Related Groups)*, Supervisor: Prof. A. Rizzi.

**September 2003 - December 2006:** PhD studies in *Functional Neuroimaging: from cell to systems*, at the University of Chieti (Italy), Institute for Advanced Biomedical Technologies (ITAB).

**February 2007:** *Doctor Philosophiae* at the University of Chieti.

Title of the Thesis: *Sources separation algorithms from magnetoencephalographic signals*, Supervisor: Prof. V. Pizzella and Dr. F. Tecchio.

### Employments

**March 2000 - February 2002:** Post Lauream research contract at the Institute for Social and

Preventive Medicine (IUMSP) in Lausanne (Switzerland).

**March 2002 - December 2006:** Research contract at the *Fatebenefratelli* Hospital, Rome (Italy). Also statistical consultant for different hospital departments (in particular anesthesiology and gynecology).

**January 2007 - April 2009:** Post-doctoral position at the Department of Public Health of University of Turin (Italy).

**May 2009 - August 2011:** Post-doctoral position at the Department of Environmental Medicine and Public Health of University of Padova (Italy).

**September 2011-October 2016:** Post-doctoral position at the Department of Medicine of University of Trieste (Italy).

### **Research appointments**

**August 1999:** Pre Lauream position at the *Institute for Social and Preventive Medicine* (IUMSP) in Lausanne (Switzerland).

**May - June 2006:** Invited scientist at the *Wellcome Trust Laboratory for MEG Studies*, Aston University, Birmingham (United Kingdom).

### **Academic Appointments**

**January 2014:** Habilitation for associate professor in Medical Statistics (06/M1) at the Italian national level.

**February 2017:** Member of the Scientific Board of the PhD course in Biostatistics and Clinic Epidemiology, University of Padova, Italy.

### **Scientific Societies**

Since September 2015 I am a member of the Executive Board of the Italian Society of Medical Statistics and Clinical Epidemiology (SISMEC). I am a member of the SIB, the Italian Region of the International Biometrical Society (IBS) and of the ISCB, the International Society of Clinical Biostatistics. I am a member of the Italian Statistical Society (SIS).

**Associate Editor:** Epidemiology, Biostatistics and Public Health, EBPH (2017--);

### **Publications**

Since 2003, I have published 119 papers in international referred journals among which 1 Brain, 1 Neurology, 3 Human Brain Mapping, 1 Circulation, 1 Journal of the American College of Cardiology.

Citations indexed on ISI WEB OF SCIENCE: 1728, H-index: 22 (September 2018).

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