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Anna Maria Paganoni was born in Milano, Italy, in 1971. In 1994 she received the Laurea cum Laude in Physics from the Università degli Studi di Milano, in 1999 the Doctorate in Mathematics from the Università degli Studi di Milano. She became Assistant Professor in Probability and Statistics in 1999 and then Associate Professor in Statistics in 2010 at the Department of Mathematics, Politecnico di Milano. From 2017 she is Full Professor in Statistics at the same department. She is currently coordinator of the program in Mathematical Engineering, Politecnico di Milano and member of MOX, laboratory in modelling and scientific computing, Department of Mathematics, Politecnico di Milano. Her recent research interests focus on statistical methods for classification and pattern recognition in healthcare context, on statistical methods for inference on high dimensional data, on study of administrative big databases, on models for the analysis of functional data, on learning analytics and on multi state frailty models for time to event data. She is member of the Società Italiana di Statistica, of the International Society for Clinical Biostatistics and of the Steering Commitee of Science|Business - Healthy measures. She is Associate Editor for Statistical Methods and Applications and Statistics & Probability Letters. She joined many different important research projects both privately and publicly funded. She coordinated the statistical unit within the Strategic Programs *Utilization of Regional Health Service databases for evaluating epidemiology, short- and medium-term outcome, and process indexes in patients hospitalized for heart failure* and *Exploitation, integration and study of current and future health databases in Lombardia for Acute Myocardial Infarction* (financed by Regione Lombardia and the Ministry of Health). She directed the statistical research activity within the COST project *Vector Boson Scattering Coordination and Action Network*, the Erasmus+ project *Student Profile for Enhancing Engineering Tutoring* (financed by EU) and the FARB project *Public Management Research: Health and Education Systems Assessment* (financed by Politecnico di Milano).

Selected publications in recent years

- C. Masci, F. Ieva, <u>A.M. Paganoni</u>, (2019) Semi-parametric mixed-effects models for unsupervised classification of Italian schools, *Journal of the Royal Statistical Society – Series A*, In press.
- F. Ieva, <u>A.M. Paganoni</u>, J. Romo, N. Tarabelloni, (2019) roahd Package: Robust Analysis of High Dimensional Data, *The R Journal*, In press.
- L. Mancini, <u>A.M. Paganoni</u>, (2019) Marked Point Process models for the admissions of heart failured patients, *Statistical Analysis and Data Mining*, In press.
- F. Gasperoni, F. Ieva, <u>A.M. Paganoni</u>, C.H. Jackson, L.D. Sharples, (2018), Nonparametric frailty Cox models for hierarchical time-to-event data, *Biostatistics*, In press.
- T. Agasisti, F. Ieva, <u>A.M. Paganoni</u>, (2017), Heterogeneity, school-effects and achievement gaps across Italian regions: further evidence from statistical Modelling, *Statistical Methods and Applications*, 27 (1), 157-180.
- A. Ghiglietti, F. Ieva, G. Aletti, <u>A.M. Paganoni</u>, (2017), On linear regression models in infinite dimensional spaces with scalar response, *Statistical Papers,* 58 (2) 527–548.
- F. Ieva, <u>A.M. Paganoni</u>, T.Pietrabissa, (2017), Dynamic clustering of hazard functions: an application to disease progression in chronic heart failure, *Health Care Management Science*, 20, 353–364.
- F. Ieva, <u>A.M. Paganoni</u>, (2017), Component-wise outlier detection methods for robustifying multivariate functional samples, *Statistical Papers*, In press.
- F. Ieva, <u>A.M. Paganoni</u>, (2016), Risk Prediction for Myocardial Infarction via Generalized Functional Regression Models, *Statistical Methods in Medical Research*, 25 (4), 1648-1660.
- F. Ieva, <u>A.M. Paganoni</u>, N. Tarabelloni, (2016), Covariance Based Unsupervised Classification in Functional Data Analysis, *Journal of Machine Learning Research*, 17 (143), 1–21.