

Short Curriculum vitae - Silvia Bartolacci

Education

2002. Degree in Demographic and Social Statistics, Department of Statistical Sciences, University of Bologna, Italy.

Professional experience

Since 2010 he has been a Technical Professional Statistician in the Area of Health Officials and Professionals, at the Regional Agency for Environmental Protection of Marche.

Since 2021 is a member of the regional technical working group "Health and equity profile" established with the objective to update the regional health profile 2020-2025 and support the Health Prevention and Promotion Sector in the places of life and work of the Regional Agency for Health, monitoring and evaluation activities of the programs and actions of the Regional Plan of Prevention (PRP).

Since 2018 he is a member of the PollNet Working Group - Italian Network for Aerobiological Monitoring of the National System for Environmental Protection (SNPA) as an expert in statistical methodologies for the development of indicators and tests used for laboratory trials carried out by the agencies that are part of the PollNet working group.

Since 2020 he has been teaching support activities at the course of Environmental Epidemiology at the School of Hygiene and Preventive Medicine at the Marche Polytechnic University

From 2006 to January 2010 he worked in the Marche Region, at the Statistical Information System Service, carrying out the following activities:

- Statistical database management activities;
- Design and evaluation of questionnaires for the collection of statistical data;
- Design of statistical survey systems;
- management of statistical databases such as ISTAT and EUROSTAT;
- Analysis and compilation of statistical data for the definition and identification of contextual indicators for the European operational programs 2007/13;
- Extraction and processing of statistical data using specific statistical software;
- Web search and data mining activities;

From 2003 to 2006 he carried out the following research activities at the University of Marche, Faculty of Medicine and Surgery:

- Data management and analysis activities within the national research project (ex Cofin) entitled "Automated databases for diabetes and its complications: effect of quality and number of sources on prevalence estimates";
- identification and application of models of epidemiological investigation and statistical analysis for the study of the health of workers in the Ancona seaport;
- support to the teaching of the course in Medical Statistics

From 2002 to 2003 he worked as an analyst and data entry at the Ancona Court.

Selected Publications:

- Transanal endoscopic microsurgery for the treatment of selected patients with distal rectal cancer: 15 years experience. *Surg. Endosc.* 2008 Sep; 22(9):2030-5. Epub 2008 Jun 14.
Guerrieri M, Baldarelli M, Organetti L, Grillo Ruggeri F, Mantello G, Bartolacci S, Lezoche E.
- A prospective randomized study with a 5-year minimum follow-up evaluation of transanal endoscopic microsurgery versus laparoscopic total mesorectal excision after neoadjuvant therapy. *Surg. Endosc.* 2008 Feb; 22(2):352-8.
Lezoche G, Baldarelli M, Guerrieri M, Paganini AM, De Sanctis A, Bartolacci S, Lezoche E.
- Cardiac troponin I as prognostic marker in heart failure patients discharged from emergency department. A prospective randomized study with a 5-year minimum follow-up evaluation of transanal endoscopic microsurgery versus laparoscopic total mesorectal excision after neoadjuvant therapy. *Intern Emerg Med* (2008) 3:43–47.
Parenti N, Bartolacci S, Carle F, Angelo F.
- La salute e il lavoro nelle Marche, anni 2000-2004 – Un esempio di utilizzo: gli infortuni nell’area portuale di Ancona – progetto ”Porto di Ancona”.
Marcello D’Errico MM, Bartolacci S, Carle F, Gesuita R.
- Valutazione del possibile rapporto tra l'inquinamento atmosferico e la diffusione del SARS-CoV-2. *Epid & Prev* 2020, (17/04/2020)
Baldini M, Bartolacci S, Bortone G, Zauli S et altri
- Investigation of the Correlation between the Use of Antibiotics in Aquaculture Systems and Their Detection in Aquatic Environments: A Case Study of the Nera River Aquafarms in Italy. *Sustainability* 2020, 12(12), 5176
Sargenti M, Bartolacci S, Luciani A, Di Biagio, Galarini R, Giusepponi D, Cappuccella M
- Pollinic trends: correlations with climatic variables in Marche region. *Atti del Convegno Nazionale di Agrometeorologia* 2021
Tognetti D, Bartolacci S, Leonesi S, Trobiani N
- Atmospheric particulate matter effects on SARS-CoV-2 infection and spreading dynamics: A spatio-temporal point process model. *Environmental Research* 212 (2022) 113617
Di Biagio K, Baldini M, Dolcini J, Serafini P, Sarti D, Dorillo I, Ranzi A, Settimo G, Bartolacci S, Simeoni TV, Prospero E
- Melissopalynology: The Louveaux method on honey samples in the marche region and their allergenic potential. *Global Journal of Ecology* 7(2):122-124. DOI: 10.17352/gje.000072
Trobiani N, Bartolacci S