

PERSONAL INFORMATION

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Gender Male | Date of birth 22 March 1964 | Nationality Italian

WORK EXPERIENCE

- 2012-today Associate professor of Statistics (Scientific area SECS-S/01), Department of Economics and Business Studies of the University of Genova.
- 1998-2012 Associate professor of Applied Statistics (scientific area SECS-S/02), Department of Statistics of the University of Udine.
- 1994-1998 Research Fellow in Statistics (scientific area SECS-S/01), Department of Statistics "G. Parenti" of the University of Firenze.

EDUCATION AND TRAINING

- 1994 PhD. in Applied Statistics, Department of Statistics "G. Parenti", University of Firenze.
- 1990 Laurea degree in Economics and Commerce, University of Genova.

RESEARCH AREAS

Statistical methods to study the spatial distribution of disease risk (disease mapping)
Statistical methods to evaluate the risk of disease in presence of putative sources of pollution
Age-period-cohort models
Methods to evaluate the short term effects of environmental pollution on human health
Statistical models for the assessment of the shelf-life of food
Statistical methods for genomics

RESEARCH PROJECTS
DIRECTION

- 2011-2012 National Research Programme PRIN 2009: Coordinator of the local unit of Udine of the research project *Filling the gap. Microanalysis of the Italian population from the old demographic regime to the second transition*. Principal investigator prof. M. Breschi.
- 2004-2005 National Research Programme PRIN 2003: Coordinator of the local unit of Udine of the research project *Latent variable models for the analysis of cDNA microarray data*. Principal investigator prof. A. Biggeri.
- 2000-2001 National Research Programme PRIN 1999: Coordinator of the local unit of Udine of the research project *Statistical methods for the analysis of spatial and spatio-temporal data*. Principal investigator prof. M. Coli.

TEACHING ACTIVITY

Statistics I (9 CFU) for the degree courses in Economia e commercio, Economia aziendale, Economia delle aziende marittime, della logistica e dei trasporti of the University of Genova
Statistical models (9 CFU) for the master degree course in Economia e istituzioni finanziarie of the University of Genova
Member of the Board of the PhD programme in Economics and Political Economy of the Department of Economics and Business Studies of the University of Genova

PUBLICATIONS

- L. Manzocco, M. Alongi, C. Lagazio, S. Sillani, and M.C. Nicoli.
Effect of temperature in domestic refrigerators on fresh-cut iceberg salad quality and waste.
Food Research International, 102:129–135, 2017
- L. Manzocco, F. Valoppi, C. Lagazio, S. Calligaris, M. Anese, and M. C. Nicoli.
Shelf life validation by monitoring food on the market: The case study of sliced white bread.
Italian Journal of Food Science, 29(1):100–111, 2017
- M. Carugno, C. Lagazio, M. Baccini, D. Consonni, P. A. Bertazzi, and A. Biggeri.
Fine airborne particles: when alarming levels are the standard.
Public Health, 143:8–13, 2017
- D. Peressini, D. Braunstein, J.H. Page, A. Strybulevych, C. Lagazio, and M.G. Scanlon.
Relation between ultrasonic properties, rheology and baking quality for bread doughs of widely differing formulation.
Journal of the Science of Food and Agriculture, 97(8):2366–2374, 2017
- L. Cecconi, L. Grisotto, D. Catelan, C. Lagazio, V. Berrocal, A. Biggeri, A. B. Lawson, D. Lee, and Y. MacNab.
Preferential sampling and bayesian geostatistics: Statistical modeling and examples.
Statistical methods in medical research, 25(4):1224–1243, 2016
- L. Grisotto, D. Consonni, L. Cecconi, D. Catelan, C. Lagazio, P. A. Bertazzi, M. Baccini, and A. Biggeri.
Geostatistical integration and uncertainty in pollutant concentration surface under preferential sampling.
Geospatial Health, 11(1):56–61, 2016
- M. Anese, F. Valoppi, S. Calligaris, C. Lagazio, M. Suman, L. Manzocco, and M.C. Nicoli.
Omega-3 enriched biscuits with low levels of heat-induced toxicants: Effect of formulation and baking conditions.
Food and Bioprocess Technology, 9(2):232–242, 2016
- G. Procida, A. Cichelli, C. Lagazio, and L.S. Conte.
Relationships between volatile compounds and sensory characteristics in virgin olive oil by analytical and chemometric approaches.
Journal of the Science of Food and Agriculture, 96(1):311–318, 2016
- S. Molinaro, M. Cruz-Romero, A. Sensidoni, M. Morris, C. Lagazio, and J.P. Kerry.
Combination of high-pressure treatment, mild heating and holding time effects as a means of improving the barrier properties of gelatin-based packaging films using response surface modeling.
Innovative Food Science and Emerging Technologies, 30:15–23, 2015
- S. Stigliani, P. Scaruffi, C. Lagazio, L. Persico, B. Carlini, L. Varesio, F. Morandi, M. Morini, A.R. Gigliotti, M.R. Esposito, E. Viscardi, V. Cecinati, M. Conte, and M.V. Corrias.
Deregulation of focal adhesion pathway mediated by mir-659-3p is implicated in bone marrow infiltration of stage m neuroblastoma patients.
Oncotarget, 6(15):13295–13308, 2015

- S. Stigliani, L. Persico, C. Lagazio, P. Anserini, P.L. Venturini, and P. Scaruffi.
Mitochondrial dna in day 3 embryo culture medium is a novel, non-invasive biomarker of blastocyst potential and implantation outcome.
Molecular Human Reproduction, 20(12):1238–1246, 2014
- F. Boscutti, M. Sigura, N. Gambon, C. Lagazio, B.O. Krüsi, and P. Bonfanti.
Conservation tillage affects species composition but not species diversity: A comparative study in northern Italy.
Environmental Management, 55(2):443–452, 2014
- V. Musella, L. Rinaldi, C. Lagazio, G. Cringoli, A. Biggeri, and D. Catelan.
On the use of posterior predictive probabilities and prediction uncertainty to tailor informative sampling for parasitological surveillance in livestock.
Veterinary Parasitology, 205(1-2):158–168, 2014
- P. Comuzzo, D. Rauhut, M. Werner, C. Lagazio, and R. Zironi.
A survey on wines from organic viticulture from different european countries.
Food Control, 34(2):274–282, 2013
- L. Manzocco, M. Anese, S. Marzona, N. Innocente, C. Lagazio, and M.C. Nicoli.
Monitoring dry-curing of s. danielle ham by magnetic resonance imaging.
Food Chemistry, 141(3):2246–2252, 2013
- L. Manzocco, A. Rumignani, and C. Lagazio.
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Food Quality and Preference, 28(1):17–22, 2013
- S. Molinaro, M. Cruz Romero, M. Boaro, A. Sensidoni, C. Lagazio, M. Morris, and J. Kerry.
Effect of nanoclay-type and pla optical purity on the characteristics of pla-based nanocomposite films.
Journal of Food Engineering, 117(1):113–123, 2013
- G. Pergher, R. Gubiani, S.R.S. Cividino, D. Dell’Antonia, and C. Lagazio.
Assessment of spray deposition and recycling rate in the vineyard from a new type of air-assisted tunnel sprayer.
Crop Protection, 45:6–14, 2013
- L. Manzocco, A. Rumignani, and C. Lagazio.
Use of images in shelf life assessment of fruit salad.
Journal of Food Science, 77(7):S258–S262, 2012
- V. Musella, D. Catelan, L. Rinaldi, C. Lagazio, G. Cringoli, and A. Biggeri.
Covariate selection in multivariate spatial analysis of ovine parasitic infection.
Preventive Veterinary Medicine, 99(2-4):69–77, 2011
- D. Catelan, C. Lagazio, and A. Biggeri.
A hierarchical bayesian approach to multiple testing in disease mapping.
Biometrical Journal, 52(6):784–797, 2010

- L. Manzocco and C. Lagazio.
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Food Quality and Preference, 20(1):24–29, 2009
- D. Catelan, A. Biggeri, and C. Lagazio.
On the clustering term in ecological analysis: How do different prior specifications affect results?
Statistical Methods and Applications, 18(1):49–61, 2009
- E. Dreassi, C. Lagazio, M.M. Maule, C. Magnani, and A. Biggeri.
Sensitivity analysis of the relationship between disease occurrence and distance from a putative source of pollution.
Geospatial Health, 2(2):263–271, 2008
- S. Guerra, C. Lagazio, L. Manzocco, M. Barnabà, and R. Cappuccio.
Risks and pitfalls of sensory data analysis for shelf life prediction: Data simulation applied to the case of coffee.
LWT - Food Science and Technology, 41(10):2070–2078, 2008
- M. Baccini, A. Biggeri, C. Lagazio, A. Lertxundi, and M. Saez.
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Computational Statistics and Data Analysis, 51(9):4324–4336, 2007
- D. Catelan, A. Biggeri, E. Dreassi, and C. Lagazio.
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Statistical Modelling, 6(2):159–173, 2006
- A. Biggeri, E. Dreassi, D. Catelan, L. Rinaldi, C. Lagazio, and G. Cringoli.
Disease mapping in veterinary epidemiology: A bayesian geostatistical approach.
Statistical Methods in Medical Research, 15(4):337–352, 2006
- A. Biggeri, M. Bonannini, D. Catelan, F. Divino, E. Dreassi, and C. Lagazio.
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Environmental and Ecological Statistics, 12(4):397–409, 2005
- O. Koprivnjak, S. Moret, T. Populin, C. Lagazio, and L.S. Conte.
Variety differentiation of virgin olive oil based on n-alkane profile.
Food Chemistry, 90(4):603–608, 2005
- A. Biggeri, E. Dreassi, C. Lagazio, and D. Böhning.
A transitional non-parametric maximum pseudo-likelihood estimator for disease mapping.
Computational Statistics and Data Analysis, 41(3-4):617–629, 2003
- G. Mello, E. Parretti, R. Cioni, R. Lucchetti, L. Carignani, E. Martini, F. Mecacci, C. Lagazio, and M. Pratesi.
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- C. Lagazio, A. Biggeri, and E. Dreassi.
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Environmetrics, 14(5):475–490, 2003
- G. Mello, E. Parretti, R. Cioni, C. Lagazio, F. Mealli, and M. Pratesi.
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- Corrado Lagazio, Emanuela Dreassi, and Annibale Biggeri.
A hierarchical bayesian model for space-time variation of disease risk.
Statistical Modelling, 1(1):17–29, 2001
- G. Comi, M. Maifreni, M. Manzano, C. Lagazio, and L. Coccolin.
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International Journal of Food Microbiology, 58(1-2):117–121, 2000
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Statistics in Medicine, 19(17-18):2539–2554, 2000
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- G. Mello, E. Parretti, F. Mcacci, C. Carbone, R. Lucchetti, C. Lagazio, M. Pratesi, and G. Scarselli.
Anthropometric features in infants of mothers with gestational diabetes: Relationship with treatment modalities.
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- G. Mello, E. Parretti, F. Mecacci, R. Lucchetti, C. Lagazio, M. Pratesi, and G. Scarselli.
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European Journal of Endocrinology, 137(1):27–33, 1997
- G. Mello, E. Parretti, F. Mecacci, R. Lucchetti, D. Cianciulli, C. Lagazio, M. Pratesi, and G. Scarselli.
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Environmental Health Perspectives, 104(7):750–754, 1996
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