

Luca Romagnoli

Nato a Chieti, 8.2.1964

Settore scientifico: SECS/S-01 (Statistica)

Formazione

1992. Laurea in Economia e Commercio, Università di Chieti-Pescara "G. d'Annunzio".

1996. Titolo di Dottore di ricerca in Statistica (sede amministrativa Università degli Studi di Bari).

Posizioni ricoperte

30.12.2008- . Ricercatore a tempo indeterminato (RTI), Dipartimento di Economia, Università del Molise, settore scientifico: SECS/S-01 – Statistica.

1998-2008. Researcher (terzo liv. professionale) presso l'Istituto nazionale di Statistica (Istat).

Altri incarichi o posizioni

2021- . Scientific Journal: *Sustainability* (ISSN: 2071-1050). Guest editor dello Special Issue: Advances in Environmental Economics: Global Dynamics and Regional Economic Development, url: https://www.mdpi.com/journal/sustainability/special_issues/global_dynamics_regional_economic.

2021. Incarico d'insegnamento (12 h) su *Introduction to descriptive and inferential Statistics*, nell'ambito del corso "Theoretical and practical statistics course and use of software for data processing" del Dottorato Internazionale in Tecnologie e Biotecnologie Agrarie, Università del Molise.

2019. Incarico d'insegnamento (8 h) su *Introduction to descriptive and inferential Statistics*, nell'ambito del corso "Theoretical and practical statistics course and use of software for data processing" del Dottorato Internazionale in Tecnologie e Biotecnologie Agrarie, Università del Molise.

1998- . Socio ordinario della Società Italiana di Statistica (SIS).

Partecipazione a convegni come relatore o organizzatore di sessioni.

2019, 25-27 September. Scientific Conference on *Statistics for Health and Well-being*, Brescia.

- Oral presentation: "Understanding local administrations policies effects on well-being in Italian inner areas" (joint work with Luigi Mastronardi)

2019, 22 October, Campobasso. Conference: *Il Censimento permanente della popolazione 2019. Leggere il territorio attraverso il Censimento della popolazione*.

- Chairman of both thematic sessions.

2019, 15-16 July. Biennal GRASPA (Research Group for the Applications of Statistics to Environmental Issues) Conference, University 'G. d'Annunzio', Pescara.

- Member of the local organizing Committee

2017, 24-27 July. TIES - GRASPA 2017 on Climate and Environment - The 27th Annual Conference of the International Environmetrics Society joint with Biennal GRASPA Conference, Bergamo.

- Invited talk: "Recursive Structure of Multivariate Gauss-Markov Random Fields" (joint work with Luigi Ippoliti).

2015, 9-12 June. International Conference: *Spatial statistics 2015: Emerging patterns*, Avignone.

- Oral presentation: "Multivariate CAR models in health care research" (joint work with Luigi Ippoliti).

2014, 11-13 June. SIS 2014 Scientific Meeting, Cagliari.

- Oral presentation: "Kalman Filter for Estimating Bivariate GMRFs on Regular Lattice" (joint work with Luigi Ippoliti and Richard Martin).

2013, 19-21 June. SIS 2013 Scientific Conference, Brescia: *Advances in Latent Variables - Methods, Models and Applications*.

- Invited talk: "Graphical methods for dimensionality reduction on manifolds" (joint work with Lara Fontanella and Sara Fontanella).

- Chairman of the session: "Spatial Data & Services".

2011, 20-23 September. Statistische Woche, Leipzig 2011.

- Oral presentation: "A Bivariate GMRF for the β -convergence Analysis of European GDP Data" (joint work with Giuseppe Arbia and Luigi Ippoliti).

Partecipazione a Gruppi di ricerca o Progetti

2020- . Project: *DEMETRA. Ideazione e validazione di sistemi produttivi multifunzionali e diversificati basati sull'integrazione tra produzioni vegetali ed animali nelle aree marginali dell'Italia centro-meridionale.* Research group member.

2020- . Project: *MOVING. Mountain Valorisation Through Interconnectedness and Green Growth.* Research group member.

2019-2020. Project: *ATTICUS – Telemonitoraggio e Telemetria in Ambienti intelligenti per Migliorare la Sostenibilità Umana.* Research group member.

Projects ex 60% MURST

2016-2019. Project: *Modelli e Metodi statistici per l'analisi di processi spazio-temporali;* coordinator L. Ippoliti, University of Chieti-Pescara

2012-2013. Project: *Studio di processi spaziali e spazio-temporali per applicazioni socioeconomiche ed ambientali;* coordinator L. Ippoliti, University of Chieti-Pescara

2001-2002. Project: *Gaussian Markov random Fields and its applications in spatial analysis;* coordinator L. Ippoliti, University of Chieti-Pescara

2001-2002. Project: *Spatio-temporal conditional autoregressive models;* coordinator L. Ippoliti, University of Chieti-Pescara

Articoli su riviste internazionali

2021. Fanelli R.M., Romagnoli L. The spatial agglomeration of Italian agritourism farms. *Regional Studies*, p. 1-15, ISSN: 1360-0591, doi: 10.1080/00343404.2021.1980523

2021. Mastronardi L., Cavallo A., Romagnoli L. How did Italian diversified farms tackle Covid-19 pandemic first wave challenges? *Socioeconomic Planning Sciences*, ISSN: 0038-0121, doi: 10.1016/j.seps.2021.101096

2021. Forleo M.B., Romagnoli L. Marine plastic litter: public perceptions and opinions in Italy. *Marine Pollution Bulletin*, vol. 165, 112160, ISSN: 0025-326X, doi: 10.1016/j.marpolbul.2021.112160

2021. Mastronardi L., Giannelli A., Romagnoli L. Detecting the land use of ancient transhumance routes (Tratturi) and their potential for Italian inner areas' growth. *Land Use Policy*, vol. 109, 105695, ISSN: 0264-8377, doi: 10.1016/j.landusepol.2021.105695

2021. Forleo M.B., Giaccio V., Mastronardi L., Romagnoli L. Analysing the efficiency of diversified farms: Evidences from Italian FADN data. *Journal of Rural Studies*, vol. 82, 262-270, ISSN: 0743-0167, doi: 10.1016/j.jrurstud.2021.01.009

2020. Mastronardi L., Giagnacovo M., Romagnoli L. Bridging regional gaps: Community-based cooperatives as a tool for Italian inner areas resilience. *Land Use Policy*, vol. 99, 104979, ISSN: 0264-8377, doi: 10.1016/j.landusepol.2020.104979

2020. Fanelli R.M., Romagnoli L. Customer Satisfaction with Farmhouse Facilities and Its Implications for the Promotion of Agritourism Resources in Italian Municipalities. *Sustainability*, vol. 12, p. 1749-1770, ISSN: 2071-1050, doi: 10.3390/su12051749

2020. Romagnoli L., Mastronardi L. Can Local Policies Reduce the Gap between 'Centers' and 'Inner Areas'? The Case of Italian Municipalities' Expenditure. *Economies*, vol. 8, ISSN: 2227-7099, doi: 10.3390/economies8020033

2020. Del Gesso C., Romagnoli L. Citizen-Centered Reporting: Assessing Popular Financial Reporting Practice in Italian Decentralized Governments. *International Journal of Business and Management*, vol. 15, 1-16, ISSN: 1833-3850, doi: 10.5539/ijbm.v15n2p1

2020. Mastronardi L., Cavallo A., Romagnoli L. Diversified Farms Facing the Covid-19 Pandemic: First Signals from Italian Case Studies. *Sustainability*, vol. 12, ISSN: 2071-1050, doi: 10.3390/su12145709

2020. Del Gesso C., Romagnoli L. Exploring Women's Representation at the Top of Leading Social Enterprises. *International Journal of Academic Research in Business & Social Sciences*, vol. 10, n. 3, 453-469 - ISSN: 2222-6990, doi: 10.6007/IJARBS/v10-i3/7062
2019. Ievoli C., Belliggiano A., Marandola D., Pistacchio G., Romagnoli L. Network Contracts in the Italian agri-food industry: Determinants and spatial patterns. *Economia Agro-Alimentare*, vol. XXI, n. 2, 275-306, ISSN: 1126-1668, doi: 10.3280/ECAG2019-002006
2019. Forleo M.B., Romagnoli L., Palmieri N. Environmental values and willingness to pay for a protected area: a segmentation of Italian university students. *The International Journal of Sustainable Development and World Ecology*, vol. 26, 45-56, ISSN: 1350-4509, doi: 10.1080/13504509.2018.1488298
2019. Marandola D., Belliggiano A., Romagnoli L., Ievoli C. The spread of no-till in conservation agriculture systems in Italy: indications for rural development policy-making. *Agricultural and Food Economics*, vol. 7, 1-22, ISSN: 2193-7532, doi: 10.1186/s40100-019-0126-8
2019. Mastronardi L., Giaccio V., Romagnoli L. Community-Based Cooperatives as an innovative partnership to contrast inner areas decline. *Economia Agro-Alimentare*, vol. XXI, n. 2, 195-216, ISSN: 1126-1668, doi: 10.3280/ECAG2019-002002
2019. Mastronardi L., Romagnoli L., Mazzocchi G., Giaccio V., Marino D. Understanding consumer's motivations and behaviour in alternative food networks. *British Food Journal*, vol. 121, 2102-2115, ISSN: 0007-070X, doi: 10.1108/BFJ-01-2019-0032
2019. Forleo M.B., Romagnoli L., Fanelli R.M., Palmieri N., Di Nocera A. Assessing the efficiency of the Italian aquaculture firms. *Aquaculture Economics & Management*, vol. 23, n.4, 382-409, ISSN:1365-7305, doi: 10.1080/13657305.2019.1641569
2018. Ippoliti L., Martin R.J., Romagnoli L. Efficient likelihood computations for some multivariate Gaussian Markov random fields. *Journal of Multivariate Analysis*, vol. 168, 185-200, ISSN: 0047-259X, doi: 10.1016/j.jmva.2018.07.007
2018. Forleo M.B., Romagnoli L., Palmieri N., Di Nocera A. Assessing the efficiency of aquaculture cooperatives. A country case study. *Economia Agro-Alimentare*, vol. 20, 205-220, ISSN: 1126-1668, doi: 10.3280/ECAG2018-002006
2013. Ippoliti L., Romagnoli L., Arbia G. A Gaussian Markov random field approach to convergence analysis. *Spatial Statistics*, p. 78-90, ISSN: 2211-6753, doi: 10.1016/j.spasta.2013.07.005
2005. Giacinto V., Dryden I., Ippoliti L., Romagnoli L. Linear Smoothing of Noisy Spatial Temporal Series. *Journal of Mathematics and Statistics*, vol.1, n. 4, 309-321. doi: 10.3844/jmssp.2005.309.321
2005. Ippoliti L., Romagnoli L., Fontanella L. A noise estimation method for corrupted correlated data. *Statistical Methods and Applications*, vol. 14, n. 3, 343-356. doi: 10.1007/s10260-005-0106-x
2002. Dryden I., Ippoliti L., Romagnoli L. Adjusted Maximum Likelihood and Pseudo-Likelihood Estimation for Noisy Gaussian Markov Random Fields. *Journal of Computational and Graphical Statistics*, vol. 11, n. 2, 370-388, doi: 10.1198/106186002760180563