

# Marco Ferdinando Martorana

## *Curriculum vitae*

### Personal details

*Surname:* Martorana

*Name:* Marco Ferdinando

*Place of birth:* Catania (CT)

*Date of birth:* 23/06/1981

*Address:* Department of Economics and Business, University of Catania, Corso Italia, 55 - 95129 Catania, Italy.

*Office:* Room 29, IV Floor

*e-mail:* [marco.martorana@unict.it](mailto:marco.martorana@unict.it)

### Current positions

Associate Professor of Public Economics [ECON-03/A ] – Department of Economics and Business (DEI) – University of Catania

Lecturer of Markets, Economics and Regulation, Public Economics - Department of Economics and Business (DEI) –University of Catania

### Previous positions

(2020-2021) Lecturer of Introduction to Economics – Department of Philosophy and Cultural Heritage – Ca' Foscari University

(2017-2021) Research fellow of Public Economics – Department of Economics and Business (DEI) – University of Catania

(2017-2020) Lecturer of Public Economics, B.Sc in Economics – Department of Economics and Business (DEI) – University of Catania

(2018-2020) Tutor of Economics – M.Sc In Corporate Finance– Department of Economics and Business (DEI) – University of Catania

(2016-2017) Post-Doc Research grant – University of Catania

(2016- 2017) Visiting Researcher – Department d'Economia Aplicada – Universitat Autònoma de Barcelona (Spain)

(2015-2016) Tutor of Economics – B.Sc in Business Administration – Department of Economics and Business (DEI) – University of Catania

(2014-2016) Research fellow of Public Economics – Department of Economics and Business (DEI) – University of Catania

(2012-2013) Junior Expert in Public Finance - Studiare Sviluppo S.r.l., Roma (Italy)

(2010-2012) Research fellow of Public Economics – Department of Economics and Business (DEI) – University of Catania

## ASN

(2022) National Scientific Qualification (Abilitazione Scientifica Nazionale) as Full Professor of Public Economics (13/A3)

(2020) National Scientific Qualification (Abilitazione Scientifica Nazionale) as Associate Professor of Economic Policy (13/A2), Public Economics (13/A3) and Applied Economics (13/A4).

## Teaching

### Current:

(2022-2023 - ) Scienza delle Finanze (Public Economics)– Bachelor Degree in Business Administration - Department of Economics and Business (DEI) –University of Catania

(2021-2022 - ) Economia e Regolamentazione dei mercati (Markets, Economics and Regulation) - Master's Degree in Business Management - Department of Economics and Business (DEI) –University of Catania

(2025-2026) Public Economics - Bachelor Degree in Economics – Department of Economics and Business (DEI) – University of Catania

### Previous:

(2021-2024) Environmental Economics - Ph.D in Economics, Management and Decision Making - Department of Economics and Business (DEI) –University of Catania

(2021-2025) Spatial Econometrics - Ph.D in Economics, Management and Decision Making - Department of Economics and Business (DEI) –University of Catania

(2020-2021) Introduction to Economics – B.Sc. in Philosophy, International and Economic Studies – Department of Philosophy and Cultural Heritage – Ca' Foscari University

(2017-2020) Public Economics - B.Sc in Economics – Department of Economics and Business (DEI) – University of Catania

## Education

(2010) Ph.D. in Public Economics – University of Catania

(2008) Master of Science (MSc) in Applied Economics and Data Analysis - University of Essex, Colchester (United Kingdom)

(2006) Bachelor in Economics and Business – University of Catania

## Other education and Training

(2012) J.T. Schwartz International School for Scientific Research on Game theoretic approach to computational complex systems

(2011) Crash Course Experimental Economics – University of Amsterdam

(2009) Summer School in Econometrics – Panel data for Phd. Students (CIDE)

## Research interests

Public sector efficiency; Health Economics; Cultural Economics, Political Economy

## Publications

- Cavaliere M, Gallea A., Martorana M.F, Rizzo I. (2025). Do Governance Features Shape Museum Behaviour? Insights from Participation to Competitive Funding, *Journal of Cultural Economics*, <https://doi.org/10.1007/s10824-025-09558-w>
- Cavaliere, M., Fontana, S., Guccio, C., Lisi, D., Martorana, M. F., Pignataro, G., & Romeo, D. (2025). Measuring hospital care resilience: a systematic literature review. *The European Journal of Health Economics*, 1-37.
- Cavaliere, M., Lisi, D., & Martorana, M. (2025). Do All Roads Lead to Rome? Exploring the Appropriateness and Consistency of Outcome-based Indicators for Ranking Hospital Quality. In *New Perspectives in the Public and Cultural Sectors: Festschrift in Honor of Ilde Rizzo* (pp. 257-281). Cham: Springer Nature Switzerland.
- Guccio, C., Lisi, D., Martorana, M., & Pignataro, G. (2024). Is local competition effective in improving quality and efficiency of hospitals? Insights from an asymmetric spatial competition model. *Research in Economics*, 78 (3), 100962.
- Cavaliere, M., Ferrara, P. L., Finocchiaro, C., & Martorana, M. F. (2024). An Economic Analysis of the Use of Local Natural Waste: Volcanic Ash of Mt. Etna Volcano (Italy) for Geopolymer Production. *Sustainability*, 16(2), 740.
- Martorana M.F. & Rizzo I. (2024) *The Economics of Libraries*, Routledge, London. ISBN: 9781003331896.
- Ioppolo I. & Martorana M.F. (2024) Il senso del luogo tra identità, senso di appartenenza e capitale sociale nel quartiere di San Berillo a Catania, In *SESTO SENSO: Immagini di memorie, identità e luoghi tra letteratura e arti performative*, Eds. M.R. De Luca, I. Rizzo, G. Seminara. Mimesis, Milano, ISBN: 9791222308067
- De Luca G., Lisi D., Martorana M., Siciliani L. (2023) Institutional quality and health outcomes, in J. Costa-Font, A. Batinti, and G. Turati (Eds) *Handbook on the Political Economy of Health Systems*. Edward Elgar, Cheltenham.
- Cavaliere M, Ferrante L, Martorana M.F, Rizzo I. (2023) The ICT strategy of Italian museums: institutional, supply and demand side drivers, *Economics of Innovation and New Technology GEIN*, <https://doi.org/10.1080/10438599.2023.2222268>.
- Cavaliere M, Lisi D, Martorana M.F, Rizzo I. (2023) Institutional quality and public sector performance: problems and perspectives, *Economia Italiana*, 2, 159-202.
- Guccio C., Martorana M.F., Mazza I., Pignataro G. Rizzo I. (2023). Is innovation in ICT valuable for the efficiency of Italian museums? In Lazzeretti, L., Oliva, S., Innocenti, N., & Capone, F (Eds) *Rethinking Culture and Creativity in the Digital Transformation*, Routledge.
- Longo, M.C., Guccio, C. and Martorana, M.F. (2023), "Being innovative is not enough: a semi-parametric assessment of the efficiency of post-incubation innovative firms", *European Journal of Innovation Management*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/EJIM-06-2023-0475>
- Martorana M.F., Mazza I. (2023), The effect of social interaction and cultural consumption on voting turnout, in M. Leroy and F. Rupp, (Eds) *Power & Responsibility: Interdisciplinary Perspectives for the 21st Century in Honor of Manfred J. Holler*, pp.331-343 Springer, Cham. [https://doi.org/10.1007/978-3-031-23015-8\\_18](https://doi.org/10.1007/978-3-031-23015-8_18)
- Guccio C., Martorana M.F., Mazza I., Pignataro G. Rizzo I. (2022) "Is innovation in ICT valuable for the efficiency of Italian museums?" *European Planning Studies* 30(9), 1695-1716. <https://doi.org/10.1080/09654313.2020.1865277>

- De Luca G., Lisi D., Martorana M., Siciliani L. (2021). Does higher Institutional Quality improve the Appropriateness of Healthcare Provision? *Journal of Public Economics*, 194. <https://doi.org/10.1016/j.jpubeco.2020.104356>
- Guccio C., Martorana M.F., Mazza I., Rizzo I. (2021). Back to the Future. Does the use of information and communication technology enhance the performance of public historical archives? *Journal of Cultural Economics*, 45(1), 13-43. <https://doi.org/10.1007/s10824-020-09385-1>
- Lavanga, M., Martorana M.F., Loots, E. Nieboer E., (2021) Designed for the job? An examination of the economic, work-related and socio-demographic determinants of the design profession. *Cultural Trends* 1-17. <https://doi.org/10.1080/09548963.2021.1951599>
- Guccio C., Martorana M.F., Mazza I., Pignataro G. Rizzo I. (2020). An analysis of the managerial performance of Italian museums using a generalised conditional efficiency model. *Socio-Economic Planning Science*. 72. <https://doi.org/10.1016/j.seps.2020.100891>
- Guccio C., Martorana M.F., Mazza I., Pignataro G. Rizzo I. (2020). An assessment of the performance of Italian PHAs. *Journal of Policy Modeling* 42(6), 1270-1286. <https://doi.org/10.1016/j.jpolmod.2019.12.006>
- Guccio, C., Lisi, D., & Martorana, M. (2019). Efficiency of Italian Early Child Care Provision: A Bootstrapped DEA Assessment. In *Advances in Local Public Economics* (pp. 233-248). Springer, Singapore. [https://doi.org/10.1007/978-981-13-3107-7\\_13](https://doi.org/10.1007/978-981-13-3107-7_13)
- Martorana, M., Mazza, I., Mignosa, A., & Rizzo, I. (2019). The Economics of Heritage: Some Implications of Devolution. In *Advances in Local Public Economics* (pp. 249-260). Springer, Singapore. [https://doi.org/10.1007/978-981-13-3107-7\\_14](https://doi.org/10.1007/978-981-13-3107-7_14)
- Martorana, M. F. (2017). Comparing the Efficiency of Hospitals in Italy and Spain: A Non-parametric Approach, *Politica economica, Journal of Economic Policy* 3/2017, pp. 375-398, <https://doi.org/10.1429/88462>
- Guccio, C., Martorana, M. F., & Mazza, I. (2017). The efficiency change of Italian public universities in the new millennium: a non-parametric analysis. *Tertiary Education and Management* 23(3), 222-236. <https://doi.org/10.1080/13583883.2017.1329451>
- Guccio C, Lisi D, Martorana M, & Mignosa A. (2017) On the role of cultural participation in tourism destination performance: an assessment using robust conditional efficiency approach. *Journal of Cultural Economics*, 41, pp. 129–154 <https://doi.org/10.1007/s10824-017-9295-z>
- Martorana, M. F., Mazza, I., & Monaco, L. (2017). Participation in the Arts and Social Inclusion in Disadvantaged Neighbourhoods. In *Enhancing Participation in the Arts in the EU* (pp. 79-95). Springer, Cham. [https://doi.org/10.1007/978-3-319-09096-2\\_6](https://doi.org/10.1007/978-3-319-09096-2_6)
- Cellini, R., Martorana, M. F., & Platania, F. (2017). The multi-product nature of the firm in the arts sector: A case study on ‘Centro Zo’. In *Enhancing Participation in the Arts in the EU* (pp. 221-233). Springer, Cham. [https://doi.org/10.1007/978-3-319-09096-2\\_15](https://doi.org/10.1007/978-3-319-09096-2_15)
- Guccio, C., Martorana, M. F., & Monaco, L. (2016). Evaluating the impact of the Bologna Process on the efficiency convergence of Italian universities: a non-parametric frontier approach. *Journal of Productivity Analysis*, 45(3), 275-298. <https://doi.org/10.1007/s11123-015-0459-6>
- Guccio C., Martorana M.F. & Mazza I. (2016) Efficiency assessment and convergence in teaching and research in Italian public universities, *Scientometrics*, 107(3) pp. 1063-1094, <https://doi.org/10.1007/s11192-016-1903-8>.
- Guccio C., Martorana M.F., Mazza I. & Rizzo I. (2016) Technology and public access to cultural heritage: the Italian experience on IT for public historical archives, in Borowiecki, K.J., Forbes, N., and Fresa, A. (Eds.) *Cultural Heritage in a Changing World*, pp.55-75, Springer [https://doi.org/10.1007/978-3-319-29544-2\\_4](https://doi.org/10.1007/978-3-319-29544-2_4)

### Member of Academic Societies

Società Italiana di Economia Pubblica (SIEP)

International Institute of Public Finance (IIPF)

Association for Cultural Economics International (ACEI)

Health Econometrics and Data Group (HEDG)

### Referee activity

Journal of Cultural Economics; The Annals of Regional Science; Inquiry; Economics Bulletin;

### Language Skills

*Italian*: mother tongue.

*English*: fluent written and oral

Catania, 06/11/2025