

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.

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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).

Current positions

Assistant Professor (Rtd-B) of Public Economics – Department of Economics and Business (DEI) – University of Catania

Lecturer of Markets, Economics and Regulation, Public Economics, Environmental Economics, Spatial Econometrics - 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

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

(2021-2022 -) Environmental Economics - Ph.D in Economics, Management and Decision Making - Department of Economics and Business (DEI) –University of Catania

(2021-2022 -) Spatial Econometrics - Ph.D in Economics, Management and Decision Making - Department of Economics and Business (DEI) –University of Catania

Previous:

(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

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

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

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

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

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

Other publications and Working papers

Cavaleri M., Ferrara P., Martorana M.F., Rizzo I. *Cultural heritage restoration and visitors' experience evaluation. Evidence from an Italian UNESCO site* ” paper presented at the ACEI Conference 2022, Turin, September 8-9.

Cavaleri M., Guccio C., Martorana M.F., Pignataro G., Rizzo I. *Benchmarking the performance of Italian public works contracts: Can we go beyond cost overruns and time delays?* paper presented at the SIEP 2022 Conference, L'Aquila, September 15-16

Guccio C., Longo M.C., Martorana M.F. “*Incubation and innovative start-ups efficiency*”. Under review

Cavaleri M., Ferrante L., Martorana M.F., Rizzo I. “*The ICT strategy of Italian museums: institutional, supply and demand side drivers*” paper presented at the ACEI Conference 2020+1 – Lille, and to be presented at the SIEP 2021 Conference - Bari. R&R at *Economics of Innovation and New Technology*

Ioppolo I., Martorana M.F. “Il senso del luogo tra identità, senso di appartenenza e capitale sociale nel quartiere storico di San Berillo”, in M. R. De Luca (Ed) *Sesto senso. Immagini di memorie, identità e luoghi tra letteratura e arti performative*, Mimesis. Forthcoming

De Luca G., Lisi D., Martorana M., Siciliani L. “Institutional quality and health outcomes” in Costa-Font J, Batinti, A., Turati (Eds) *Handbook on the Political Economy of Health Systems*. Edward Elgar. Forthcoming

Martorana M.F., Mazza I., 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*. Springer. Forthcoming

Ioppolo I., Martorana M.F., Rizzo I. “*Community, identity and social capital in historical neighborhoods: the sense of place of San Berillo – Catania*” paper presented at the ACEI Conference 2020+1 – Lille

Guccio, C., Lisi, D., Martorana, M. F., Pignataro, G. (2020). *Incorporating quality in the efficiency assessment of hospitals using a generalized directional distance function approach* (No. 20/17). HEDG, c/o Department of Economics, University of York.

Guccio, C., Martorana, M., Mazza, I., Pignataro, G., & Rizzo, I. (2020). *An analysis of the efficiency of Italian museums using a generalised conditional efficiency model* (No. AWP-06-2020). Association for Cultural Economics International.

Guccio, C., Martorana, M. F., Mazza, I., Pignataro, G., & Rizzo, I. (2020). *Is innovation in ICT valuable for the efficiency of Italian museums?* (SIEP Working Paper No. 95)

Guccio, C., Martorana, M., Mazza, I., & Rizzo, I. (2016). *Back to the Future. The effect of digital technology on the performance of public historical archives* (No. AWP-10-2016). Association for Cultural Economics International.

Guccio C., Martorana M.F., Pignataro G. “*Is local competition effective in improving quality and efficiency of hospitals?*” presentato alla XII EuHea Conference 2018 - Maastricht, 11-14 Luglio 2018 e al 20th European Health Economics Workshop, Verona 2019.

Guccio C, Lisi D, Martorana M, Pignataro G. “*Hospitals' effectiveness-efficiency trade-off and spatial spillovers: an assessment using generalized directional distance function*”: presentato alla XXX Conferenza SIEP 2018 – Padova, 20-21 settembre 2018

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; Journal of Public Procurement

IT and Language Skills

Italian: mother tongue.

English: fluent written and oral

IT: Word, Excel, Power Point, Office, Scientific Workplace, Internet research. Econometrics
Programming software: Stata, E-views.

Catania, 07/10/2022