

# 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 26, IV Floor

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

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

### ASN

(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 - 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

(2021-2022) Markets, Economics and Regulation - Master's Degree in Business Management - 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

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., Pignataro G. Rizzo I. (2021) “Is innovation in ICT valuable for the efficiency of Italian museums?” *European Planning Studies* 1-22. <https://doi.org/10.1080/09654313.2020.1865277>

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)

#### Other publications and Working papers

- 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

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

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.

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

#### 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, 15/10/2021