

Dr. George Mavridoglou

Lecturer

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Education

- 2021: PhD in Healthcare Management, title: "Relationship between contributions and benefits in Greek social health insurance system". Advisor: Professor: Nikolaos Polyzos, Department of Social Work, Democritus University of Thrace.
- 2004: MSc in Logistics and Supply Chain, Department of Industrial Management and Technology, University of Piraeus, Greece.
- 1991: BSc in Mathematics, Department of Mathematics, University of Patras, Greece.

Academic Positions

- 2019 - ... : Lecturer, Department of Accounting and Finance, University of Peloponnese, Greece.
- 2015 - 2019: Lecturer, Department of Accounting and Finance, TEI Peloponnese, Greece.
- 2008 - 2015: Lecturer, Department of Healthcare Management, TEI Peloponnese, Greece.
- 2005- 2010: Adjunct Lecturer in the Department of Statistics & Actuarial-Financial Mathematics, University of the Aegean, Greece.

Other Positions

- 2021- 2023: Post-Doctoral researcher, Department of Social Work, Democritus University of Thrace. Research topic: "The pharmaceutical policies 2015 – 2022 in Greece". Supervisor: Prof. Nikolaos Polyzos.
- 2017-2022: Teaching Staff, MSc Program "Accounting and Finance", University of Peloponnese, Greece.
- 2019-2022: Teaching Staff, MSc Program "Executive MBA in financial planning", University of Peloponnese, Greece.
- 2003- 2008: Quantos SaRL. Statistical Analyst.
- 2005- 2010: ANTAEA SaRL. Biostatistician.
- 2000- 2003: ALTEC SA. Statistical Analyst.

Teaching Topics

Graduate program:

- Mathematics
- Actuarial Models
- Risk Management
- Mathematical interest theory

Post Graduate Program

- Statistics
- Operational Research

Research Topics

- Actuarial models for Health Insurance and Social health systems.
- Clustering Techniques in Healthcare
- DEA and SFA models for benchmarking

Publications

1. Mavridoglou G., Polyzos N., Sustainability of Health Care Financing in Greece: A Relation Between Public & Social Insurance Contributions and Delivery Expenditures. INQUIRY 2022, Volume 59. DOI: <https://doi.org/10.1177/00469580221092829>
2. Charalampakis P., Stavrogiannis St., Makris Il.,Mavridoglou G., (2022) The performance of Italian and French listed companies during the financial crisis period 2008-2017, IJEER (accepted).
3. Anastasiou A, Hatzopoulos P, Karagrigoriou A, Mavridoglou G., (2021) Causality Distance Measures for Multivariate Time Series with Applications. Mathematics. 2021; 9(21):2708. <https://doi.org/10.3390/math9212708>
4. Mavridoglou G., Hatzopoulos P., Polyzoidis P., Polyzos N., (2021), The efficiency of the healthcare system in Greece before and during the crisis: Data Envelopment Analysis and Malmquist Approach, Archives of Economic History, Vol :XXXII, No: 2.
5. Polyzos, S. A., Papaefthymiou, A., Doulberis, M., Mavridoglou, G., & Kountouras, J. (2021). Helicobacter pylori infection and diabetes mellitus. Diabetes & Metabolic Syndrome, 15(3), 845-846.
6. Anastasiou A., Mavridoglou G., P. Hatzopoulos and A. Karagrigoriou, (2020), On Clustering Techniques for Multivariate Demographic Health Data, Data Analysis and Applications 4: Financial Data Analysis and Methods, Wiley 2020, ISBN: 978-1-786-30624-1.
7. Mavridoglou, G., Giantsi, T., Tselentis, B.S., Anagnostellos, K., Prokopiou, D.G., (2020). Tourism Infrastructure, Health and Environment for the Island of Crete. *WIT Transactions on Ecology and the Environment*, 241, 3-14.
8. Prokopiou, D.G., Giannopoulos, K., Anagnostellos, K., Tselentis, B.S. Mavridoglou, G., (2019). Swot Analysis of the Tourist Sector on Paros Island, Greece. *WIT Transactions on The Built Environment*, 188, 165-176.
9. Prokopiou, D.G., Mavridoglou, G., Toanoglou, M., Tselentis B.S. (2018). Tourism development of the Cyclades Islands: Economic, social and carrying capacity assessment and consequences. *WIT Transactions on Ecology and the Environment*, 217, 509-521.
10. Prokopiou D.G., Nikolaidou EL., Mavridoglou G. , Manologlou S., Tselentis B.S.(2017) «Sustainable tourism and destination management: the Greek island of Poros» *WIT Transactions on Ecology and the Environment*, Volume 226 , WIT Press Southampton UK- Massachusetts USA 2017 / 9th Conference on Sustainable Development & Planning 27 - 29 June, 2017 Bristol, UK

11. Polyzos, N., Kastanioti, C., Mavridoglou, G., Karakolias, St., Zilidis, Chr., (2016), Greek National E-Prescribing System: Preliminary Results of a Tool for Rationalizing Pharmaceutical Use and Cost, *Global journal of health science* 8(10) , DOI 10.5539/gjhs.v8n10p241
12. Prokopiou D.G., Mavridoglou G, Tselentis B.S, (2016). Carrying capacity as a tool to design tourism policy: Case study for the islands of Dodecanese. *WIT Transactions on Ecology and the Environment*, Volume 201 , WIT Press Southampton UK- Massachusetts USA , 2016/ Seventh International Conference on Sustainable Tourism, May 2016 Valencia Spain
13. Kastanioti, C., Mavridoglou, G., Karanikas, H., Polyzos, N., (2016), ABC analysis: A tool of effectively controlling pharmaceutical expenditure in Greek NHS hospitals, *Journal of Pharmaceutical Health Services Research* 7(3)
14. Polyzos, N. , Karakolias, S. , Mavridoglou, G. , Gkorezis, P. and Zilidis, C. (2015) Current and Future Insight into Human Resources for Health in Greece. *Open Journal of Social Sciences*, 3, 5-14. doi: 10.4236/jss.2015.35002.
15. Mavridoglou, G., & Kiochos, P. (2012). On the graduation of the sickness recovery intensities for short term health insurance in Greece. *Journal of Statistics and Management Systems*, 15(4-5), 483-498.
16. Mavridoglou, G., Kiochos, P. (2011). Sickness recovery intensities for short term health insurance in Greece. *SPOUDAI-Journal of Economics and Business*, 61(1/2), 39-54.
17. Kastanioti K., Koutalianos S., Mavridoglou G., Polyzos N., (2011), Health care cost and related socio-economic factors of cholecystectomy : An evaluation of two operative techniques in Greece. *Health Science Journal*, 2011, Volume 5, Issue 1, pp.48-59.
18. Kastanioti, C., Siourouni, E., Mavridoglou, G., Polyzos, N., (2011), Evaluation of the organizational culture profile in public hospitals, *Archives of Hellenic Medicine* Volume 28, Issue 1, pp. 70-78.
19. Mavridoglou G., (2010), A Model for Short-Term Sickness Benefits in Greece. *Archives of Economy History* 2010, Volume XXII, No 2, pp. 111-119.
20. Samanta I., Mavridoglou G. and Kyriazopoulos P., (2005), The impact of strategic alliances in resolving the problems in the global economy in medium size companies: The case of Greece. *Operational Research* 2005, Volume 5, Issue 2, pp349-362.
21. Bouranta N., Mavridoglou G., Kyriazopoulos P., (2005), The impact of Internal Marketing to Market Orientation concept and their effect to bank performance. *Operational Research* 2005, Volume 5, Issue 2, pp327-348.

Conference Proceedings

1. Mavridoglou G., Dellis Ph., Mallouf M., Giakoumatos St. Student Dropout in the Public Vocational Training Institutes of Greece: A Lean Six Sigma approach. SIXTH INTERNATIONAL CONFERENCE ON LEAN SIX SIGMA FOR HIGHER EDUCATION, 2022, Abu Dhabi, UAE.
2. Kargadouris Antonios, Mavridoglou George, Zyga Sofia, Stavros Stavroyiannis, Performance of Health Care System and Health Units using DEA techniques: a systematic review, 2022, I.CO.D.ECON, Kalamata, Greece.
3. Filippou Delis, Georgios Mavridoglou, Maher Maalouf , Stefanos Giakoumatos. A road map towards the investigation of student attrition in public vocational training institutes of Greece through the Lean Six Sigma methodology, 2022, I.CO.D.ECON, Kalamata, Greece.
4. Panagiotis Charalampakis, Antonios Georgopoulos, Ilias Makris, George Mavridoglou, Stavros Stavroyiannis. Performance of Health Care System and Health Units using DEA techniques: a systematic review. 2022, I.CO.D.ECON, Kalamata, Greece.
5. Anastasiou A., Hatzopoulos P., Karagrigoriou A., Mavridoglou G., Multivariate time series clustering techniques. The 32nd Panhellenic Statistics Conference, Greek Statistical Institute, 2019.
6. Anastasiou A., Hatzopoulos P., Karagrigoriou A., Mavridoglou G., Classification Methods for Healthcare System Costs in EU. The 18th ASMDA International Conference (ASMDA 2019).

7. Dimopoulos I.F., Kotsilieris T., Mavridoglou G., Giakoumatos S., C. Economou, F. Droumbalis, D. Bosinis, D. Boudigaris, S. Pantazopoulos, A Web-GIS for socio-demographic and public health data mapping, 2016, ICODECON 2016 Conference, Thessaloniki Greece.
8. Dimopoulos I.F., Kotsilieris T., Mavridoglou G., Giakoumatos S., C. Economou, F. Droumbalis, D. Bosinis, D. Voudigaris, S. Pantazopoulos, Socio-demographic and health factors influencing to the number of admissions of elderly, 2016, ICODECON 2016 Conference, Thessaloniki Greece.
9. Nikolaos Polyzos, Stefanos Karakolias, George Mavridoglou, Panagiotis Gkorezis, Christos Zilidis, Current and Future Insight into Human Resources for Health in Greece, Health Economics Conference (HEC 2015), April 2015.
10. Dimopoulos F. I., Kotsilieris Th., Mavridoglou G., Giakoumatos S., Gnardellis C., Socio-demographic and health factors influencing the Hospital Length of Stay for Elderly Patients resident of three geographical areas of Peloponnese-Greece, 2015, ICQMEAS 2015 Conference, Athens Greece.