Mathematical Prediction Models Applied to Health Management

Guest Editors:

Prof. Dr. David Vivas-Consuelo
Research Unit for Health Economics and Management, Universitat Politècnica de València, 46022 Valencia, Spain

Prof. Dr. Natividad Guadalajara-Olmeda
Research Centre for Economics Engineering, Universitat Politècnica de València, 46022 Valencia, Spain

Prof. Dr. Isabel Barrachina Martínez
Research Centre for Economics Engineering, Universitat Politècnica de València, 46022 Valencia, Spain

Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editors

This Special Issue will gather a set of high-quality multidisciplinary papers showing applications of mathematical prediction models to health management and economics, in the broadest sense.

Therefore, there is room for both theoretical and, above all, practical work that contributes to:

1. Predicting costs in health care,
2. Modeling the cost-effectiveness of treatments,
3. Measurement of the efficiency of health production,
4. Clinical decision-making.

Studies comparing classical prediction methods with machine learning approaches are welcome.

Finally, during this global SARS-CoV-2 epidemic, applications in this field will be subject to special recognition.

Special Issue

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.
Journal Rank: JCR - Q1 (*Mathematics*) / CiteScore - Q1 (*General Mathematics*)

Contact Us