

# Special Issue

## Mathematical Prediction Models Applied to Health Management

### 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:

- Predicting costs in health care,
- Modeling the cost-effectiveness of treatments,
- Measurement of the efficiency of health production,
- 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.

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### Guest Editors

Prof. Dr. David Vivas-Consuelo

Prof. Dr. Natividad Guadalajara-Olmeda

Prof. Dr. Isabel Barrachina Martínez

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### Deadline for manuscript submissions

closed (30 June 2023)



## Mathematics

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Francisco Chiclana

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### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

#### Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.3 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2024).