

Special Issue

Clustered Data Modeling and Statistical Meta-Analysis

Message from the Guest Editors

You are kindly invited to contribute to this Special Issue on “*Clustered Data Modeling and Statistical Meta-analysis*” with an original research paper or a comprehensive review. This Special Issue is primarily centered around new theoretical proposals, practical applications, and/or computational aspects related to both clustered data modeling and statistical meta-analysis. The Special Issue welcomes original manuscripts or comprehensive reviews on a broad variety of topics in *Clustered Data Modeling and Statistical Meta-analysis*, including, but not limited to, hierarchical linear models, generalized linear mixed models, longitudinal data analysis, multilevel modeling, Bayesian approaches to clustered data, clustered survival data analysis, meta-analysis methodologies and techniques, meta-regression and subgroup analysis, publication bias and small-study effects, Bayesian meta-analysis, network meta-analysis, multivariate meta-analysis, model diagnostics, as well as software tools and packages in clustered data modeling and statistical meta-analysis.

Guest Editors

Dr. Yehenew Kifle

Department of Mathematics and Statistics, University of Maryland
Baltimore County, Baltimore, MD 21250, USA

Dr. Roel Braekers

Data Science Institute, University of Hasselt, Diepenbeek 3590,
Limburg, Belgium

Deadline for manuscript submissions

closed (31 March 2025)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.4



mdpi.com/si/186368

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.4



[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)



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.

Editor-in-Chief

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

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 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).