Special Issue

Statistical Methods in Reproductive, Maternal, Newborn, Child and Adolescent Health Research

Message from the Guest Editor

Improving reproductive, maternal, newborn, child and adolescent health (RMNCAH) is crucial to combating diseases, reducing mortality, eliminating poverty and accelerating progress towards the Sustainable Development Goals (SDGs). Statistical methods play a crucial role in building the evidence base for measuring, monitoring and evaluating progress towards achieving equity in RMNCAH, and contributing to related key policy issues. This Special Issue aims to publish peer-reviewed papers that address the development and application of statistical methods to improve RMNCAH, with a special focus on low and middle-income settings.

Topics to be covered include (but are not limited to): access to healthcare, immunization, infectious diseases, health care in fragile and deprived settings, effect of migration on RMNCAH, evaluation of interventions to improve RMNCAH, spatial, temporal and spatiotemporal analysis of RMNCAH indicators (including mortality and morbidity), machine learning methods, denominator estimation, routine/administrative data analysis and survey design and implementation to estimate RMNCAH indicators.

Guest Editor

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Deadline for manuscript submissions

closed (30 May 2025)

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

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