

Special Issue

Statistical Methods for Polygenic Risk Scores

Message from the Guest Editor

Polygenic risk scores (PRSs) are a powerful tool in genetic research, providing a quantitative measure of an individual's genetic predisposition to certain diseases or traits by aggregating the effects of multiple genetic variants. Despite their potential, PRSs face several challenges. To address these, innovative approaches are needed to transfer knowledge from well-studied populations to underrepresented groups while accounting for heterogeneity to ensure equitable and accurate risk predictions across diverse populations. This Special Issue will highlight cutting-edge statistical methods for PRS and explore potential future directions for improvement.

Guest Editor

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Deadline for manuscript submissions

closed (25 June 2025)

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Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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