

Special Issue

Artificial Intelligence in Assessment: Opportunities, Challenges, and Ethical Considerations

Message from the Guest Editors

Researchers and professionals are invited to contribute to this Special Issue on the role of artificial intelligence (AI) in behavioral science assessment. AI is rapidly transforming assessment across fields such as psychology, education, cognitive science, clinical diagnostics, and HR—enabling adaptive testing, automated scoring, and real-time analytics, while also raising concerns around bias, transparency, and privacy. This Special Issue aims to present current research, methodologies, and critical perspectives on how AI is reshaping assessment practices. We seek interdisciplinary contributions that explore the design, application, and evaluation of AI-based tools, along with their ethical and practical implications. Topics of interest include (but are not limited to):

- AI in psychological and cognitive assessment
- Adaptive testing and automated behavioral analysis
- Machine learning and psychometrics
- NLP and large language models in assessment
- Ethics and fairness in AI-based tools
- Real-world case studies

We welcome original research, reviews, and theoretical papers that explore both the potential and challenges of AI in assessment.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

With warm greetings, it is a pleasure to invite you to contribute a research article or comprehensive review for consideration and publication in *Behavioral Sciences*. *Behavioral Sciences* is an international, scientific, open access journal providing an advanced forum for discussions and research regarding the intersection between psychiatry, neuroscience, psychology, cognitive and behavioral sciences, and behavioral biology. More information are available at: <https://www.mdpi.com/journal/behavsci>. We would be pleased to welcome you as one of our authors and have the opportunity to consider your work for publication.

Editor-in-Chief

Prof. Dr. Jerrell Cassady

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