

Special Issue

New Methods and Assessment Approaches in Intelligence Research

Message from the Guest Editors

We want to summarize recent and ongoing methodological advances inspiring intelligence research and facilitating thinking about new theoretical perspectives. This Special Issue will include contributions that:

- take advantage of auxiliary data usually assessed in technology-based assessment (e.g., reaction times, GPS data) or take a mobile sensing approach to enriching traditional intelligence assessment;
- study change or development in (intensive) longitudinal data with time series analysis, refined factor analytic methods, continuous time modeling, dynamic structural equation models, or other advanced methods of longitudinal data modeling;
- examine the structure of and change in cognitive abilities with network analysis and similar recently popularized tools; and
- use supervised and unsupervised machine learning methods to analyze so-called Big Data in the field of intelligence research.

Guest Editors

Prof. Dr. Ulrich Schroeders

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Prof. Dr. Andrea Hildebrandt

Prof. Dr. Philipp Doeblér

Deadline for manuscript submissions

closed (4 March 2020)



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About the Journal

Message from the Editor-in-Chief

The relatively new and ambitious *Journal of Intelligence* is devoted to the study of human intelligence. Intelligence is a fundamental core of being human, with far-ranging implications for all members of our society. Now more than ever, in a world in which most have access to the Internet, information, and misinformation, with reduced face-to-face interactions, understanding how to measure and develop human intelligence is a critical and vital mission. Human intelligence is studied from many different perspectives, for different purposes, and this journal has an open policy with respect to approaches and methodologies. We encourage submissions with the potential to innovate, show alternative perspectives, and highlight the importance of developing and measuring intelligence as well as studies on intelligence that have an impact on our lives.

Editor-in-Chief

Prof. Dr. Con Stough
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 30.7 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2025).