

Special Issue

Advanced Studies in Human-Centred AI

Message from the Guest Editor

Human-centred AI puts human behaviour and experience at the heart of artificial intelligence research. For example, it is sometimes claimed that artificial neural networks (ANNs) now perform at human levels in a variety of tasks—to what extent is this claim substantiated by the evidence? Does that performance, human-level or otherwise, extend to replicating (or perhaps amplifying) well-documented biases in human decision-making? Can ANNs effectively and safely be used to support the work of highly trained professionals—for example, radiologists, therapists, legal advisors, or researchers? Can we effectively adapt the skills and techniques of behavioural research, previously applied to humans and other animals, to better understand the ‘psychology’ of complex black-box ANNs? To what extent can our understanding of how humans explain their decisions inform explainable AI? What makes an AI system seem trustworthy, and is that trust well placed?

Guest Editor

Prof. Dr. Andy J. Wills

School of Psychology, Plymouth University, Drake Circus, Plymouth PL4 4AG, UK

Deadline for manuscript submissions

31 October 2025



Behavioral Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 3.1
Indexed in PubMed



mdpi.com/si/233401

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

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





Behavioral Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 3.1
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Jerrell Cassady
Department of Educational Psychology, Ball State University, Muncie, IN
47306, USA

Author Benefits

High Visibility:

indexed within Scopus, SSCI (Web of Science), PubMed, PMC, PsycInfo, and other databases.

Journal Rank:

JCR - Q2 (Psychology, Multidisciplinary) / CiteScore - Q2
(Development)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 29.6 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2025).