

Peer Review

Review of: "Intelligence: The Quest for a Universal Assessment Framework"

Mark M. Bailey¹

1. National Intelligence University, Washington D.C., United States

Thank you for the opportunity to review and provide feedback on this very interesting article. In "Intelligence: The Quest for a Universal Assessment Framework," David Josef Herzog and Nitsa Herzog delve into the intricate subject of intelligence evaluation across conscious entities. The authors emphasize the significance of establishing a universal framework to assess intelligence, which is crucial for understanding human, non-human biological, and artificial intelligences.

Strengths:

- **Comprehensive Scope:** The article thoroughly examines existing methodologies for intelligence assessment, highlighting their strengths and limitations. This broad perspective is invaluable for readers seeking an in-depth understanding of the topic.
- **Interdisciplinary Approach:** By integrating insights from psychology, neuroscience, and artificial intelligence, the authors present a holistic view that underscores the multifaceted nature of intelligence.
- **Clarity and Structure:** The paper is well-organized, with each section building upon the previous one, leading to a cohesive narrative that is accessible to both specialists and general readers.

Considerations for Improvement:

- **Empirical Validation:** While the theoretical propositions are compelling, the article would benefit from more empirical studies or data supporting the proposed universal framework. Including case studies or experimental results could strengthen the arguments presented.
- **Definition Precision:** The term "consciousness" is used extensively; however, its definition varies across disciplines. Are the authors referring strictly to "functional" consciousness, or could their

ideas be applicable to the phenomenal aspects of consciousness (p-consciousness)? Providing a clear, consistent definition within the context of this framework would enhance clarity.

- **Consideration of Cultural Factors:** Intelligence assessments can be influenced by cultural contexts. Addressing how the proposed framework accounts for cultural diversity would add depth to the discussion.

Conclusion:

I believe this article makes a significant contribution to the ongoing discourse on intelligence assessment. The interdisciplinary approach and comprehensive analysis are commendable. Incorporating empirical evidence and addressing cultural considerations in future revisions would further enhance the robustness of the framework.

Declarations

Potential competing interests: No potential competing interests to declare.