

Review of: "Necessity Was the Mother of Human Cultural Invention"

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Potential competing interests: No potential competing interests to declare.

The strengths of this manuscript include:

1. The paper presents a novel perspective on human cultural evolution and the suppression of instincts, which may offer a new theoretical framework for understanding human behavior and societal development.
2. It integrates knowledge from biology, psychology, sociology, and other disciplines, showcasing the value of interdisciplinary research in comprehensively understanding the complexity of human behavior.
3. The authors delve into the instinctual basis and cultural acquisition of human behaviors, providing a wealth of examples and theoretical support.
4. The viewpoints of the article could inspire new research directions, facilitating further exploration into the mechanisms of human cultural evolution.

The limitations are:

1. The manuscript may be overly complex for non-specialist readers, requiring a certain academic background for full comprehension. This could limit its audience.
2. The paper may lack direct data and empirical research to support its theoretical viewpoints. While supported by literature, specific experimental data and statistical analyses could strengthen the argument's persuasiveness.
3. Some views proposed in the article might be controversial within the academic community, necessitating that the authors consider different perspectives and potential criticisms in their discussion.
4. In discussing cultural evolution, the article may not fully consider the diversity and complexity across different cultural backgrounds. Patterns of cultural evolution may vary across societies and environments.

Recommendations for this paper, which might be of some reference value in optimization and improvement, include:

1. If possible, the authors could consider incorporating empirical research, such as experimental data, survey results, or case studies, to support the theoretical viewpoints. This would enhance the persuasive power and academic value of the paper.
2. In discussing cultural evolution, adding comparative analyses of behavioral patterns across different cultural backgrounds could showcase cultural diversity and complexity. This would aid in understanding the universality and specificity of cultural evolution.
3. In the conclusion, the authors could propose specific future research suggestions, including possible research

questions, methods, and expected objectives. This would provide a clear direction for subsequent research.

4. To improve readability, the authors could attempt to simplify the expression of professional terminology and complex concepts, making them more accessible to non-specialist readers. At the same time, ensure the article's logic is clear for readers to follow.
5. In the discussion, the authors could consider introducing different viewpoints and criticisms, showing academic debates, and presenting their responses. This would enhance the academic depth and critical thinking of the paper.
6. Using diagrams, schematic diagrams, or infographics to display complex theoretical models or data could help readers better understand and remember the key points of the article.
7. Through specific case studies, the practical application of theories could be demonstrated, increasing the paper's practicality and appeal.
8. Ensure that the cited literature is up-to-date, especially the latest research results directly related to the research topic, to maintain the timeliness and cutting-edge nature of the paper.
9. In the conclusion, the authors could discuss the theoretical significance for the real world, such as impacts on education, social policy, or international relations, making the research more meaningful in reality.