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**Science International Empirical Review**  
Peer-Review Template Version 1.3

**Paper title:**

**Review date: Reviewer ID:**

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| --- | --- | --- |
| **Section** | **Points to Ponder** | **Review comments and notes** |
| Abstract, title and references | * Is the aim clear? * Is it clear what the study found and how they did it? * Is the title informative and relevant? * Are the references: * Relevant? * Recent? * Referenced correctly? * Are appropriate key studies included? |  |
| Introduction/  background | * Is it clear what is already known about this topic? * Is the research question clearly outlined? * Is the research question justified given what is already known about the topic? |  |
| Methods | * Is the process of subject selection clear? * Are the variables defined and measured appropriately? * Are the study methods valid and reliable? * Is there enough detail in order to replicate the study? |  |
| Results | * Is the data presented in an appropriate way?   + Tables and figures relevant and clearly presented?   + Appropriate units, rounding, and number of decimals?   + Titles, columns, and rows labelled correctly and clearly?   + Categories grouped appropriately? * Does the text in the results add to the data or is it repetitive? * Are you clear about what is a statistically significant result? * Are you clear about what is a practically meaningful result? |  |
| Discussion and Conclusions | * Are the results discussed from multiple angles and placed into context without being overinterpreted? * Do the conclusions answer the aims of the study? * Are the conclusions supported by references or results? * Are the limitations of the study fatal or are they  opportunities to inform future research? |  |
| Overall | * Was the study design appropriate to answer the aim? * What did this study add to what was already known on this topic? * What were the major flaws of this article? * Is the article consistent within itself? * Is the use of the English language sufficient? |  |

**Structure your comments into a full review:**

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| --- | --- |
| **Overall statement** or summary of the article and its findings in your own words |  |
| Overall **strengths** of the article and what **impact** it might have in your field |  |
| Specific comments on **weaknesses** of the article and what could be done to improve it |  |