

# Review of: "Health Outcome and Economic Growth: The Case of Malaria in Nigeria"

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**Potential competing interests:** No potential competing interests to declare.

1. The title of the paper is focused on health outcomes; however, the author has tested health expenditure and economic growth.
2. The paper lacks conceptual clarity; there is a difference between health outcomes and health expenditure. Further, considering CHE as current health expenditure, does it include public health expenditure or private health expenditure? The author should clearly mention that.
3. The articulation of the sentences is complex and does not convey the intentions of the author clearly.
4. The objective of the current study is not clear. The author should rework the aim and provide the research methodology on how it was attained in the study.
5. The variables considered for the study require justification. RGDP as a proxy for economic growth has been considered as the dependent variable; however, to capture health outcomes, current health expenditure, the incidence of Malaria, and enrolment in secondary education are considered. There is no clarity on why enrolment is considered.
6. The author has used several econometric analysis tools: coefficient correlation, Unit root test, ARDL. The author should revisit the need for all the tests relevant to the study.
7. The result of CHC and RGDP shows a negative relationship. The interpretation reflects that a 1 unit increase in current health expenditure reduces the real GDP of Nigeria by 1.74. The author should justify the result.
8. In suggestions, the author emphasized higher government health expenditure. How did the author justify this?
9. There have been several studies conducted on the same topic; the author should justify the value addition and implications of the current study.
10. The author should add recent literature on the same topic and use the latest data to support the same.