

# 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.

## Comments

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

#### Introduction

There is a disconnect between the topic of interest and the content of the article. The authors displayed a poor understanding of the concept of health outcomes. There was no clarity on what health outcomes entail within the study, as the definition and concept of health outcomes is beyond health expenditure as represented within the study.

Further, the study attempted to examine economic growth as a function of health outcomes and applied proxies for growth determinants without examining the role and contribution of health outcomes to economic growth. This is understandable as the concept of health outcomes and the indicators were not adequately understood by the authors, hence its limited application to the topic of interest.

The study attempted to present a case study of malaria, but the authors did not specify what indicators of malaria (prevalence rate, treatment rates) the study was premised on.

#### Methodology

The methodology was not concise in the research design, and the variable types were not explained to support the determination of the analysis technique and to help understand the compatibility of the research design, analysis technique, results, and interpretation.

#### Interpretation of Results and Discussion of Findings

The interpretation and discussion of results did not adequately explain how malaria affects or influences economic growth, as there might be other variables that contribute more to these. Moreover, no relationship was earlier established between these indicators or variables as their constituents were neither defined nor explained.

Overall, the conceptualization is adequate, but the applicable variables and indicators used within the study did not adequately align with the topic of interest. Additionally, the time series analysis should apply to health outcomes based on

a select or selected impact indicators and their influence or contribution to economic growth within that period. This would solidify assumptions of impact.

Verdict: The study is not sufficient to be published based on the intended outcomes of the topic of interest - Reject.