

# 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.

The theme is interesting, as well the methodology is appropriate. A revised paper to improve the legibility and interpretation of the data and the statements reported should include on the side of the methods and the theory discussion some refinements as the following:

1) Introduction: Please add and discuss the following references:

- Lopreite, M, Misuraca, Puliga, M (2023). *An analysis of the thematic evolution of ageing and healthcare expenditure using word embedding: a scoping review of policy implications*. *Socio Economic Planning Sciences*. First published online: 10th May. DOI: [10.1016/j.seps.2023.101600](https://doi.org/10.1016/j.seps.2023.101600). ISSN 0038-0121
- Lopreite, M, Mauro, M (2017), "The effects of population ageing on health care expenditure: A Bayesian VAR analysis using data from Italy". *Health Policy*. vol 121, Issue 6 pp. 663-674, ISSN 0168-8510. DOI: [10.1016/j.healthpol.2017.03.015](https://doi.org/10.1016/j.healthpol.2017.03.015)
- Lopreite, M, Zhu Z (2020). "The Effects of Ageing Population on Health Expenditure and Economic Growth in China: A Bayesian-VAR Approach". *Social Science and Medicine*, Volume 265, pages 1-12, ISSN: 0277-9536 Available online 11 November 2020. (online 1873-6017). DOI: [10.1016/j.socscimed.2020.113513](https://doi.org/10.1016/j.socscimed.2020.113513)

2) Introduction Pg 1: Please add the references to the first part (from row 1 to row 2)

3) Introduction: Please define better the socio-economic factors that positive influence life expectancy at birth and the motivation of your variables' selection.

4) Data and variable: Please rewrite the equation 1.

5) Data and variable: Please write how do you compute IOM variable

6) Data and variable: Please add the "base year" of real GDP.

7) Descriptive statistics: Please discuss the results of the Table 1 by comparing for each variable mean and standard deviation.

8) Please employ the Breusch Pagan test varying the lags and add the results.

- 9) Please employ the Jarque Bera test varying the lags and add the results.
- 10) Table 3-4: Please add as robustness check the Phillips Perron and KPSS unit root test
- 11) Table 3-4: Please add in the Table as note the critical value at 1 and 10 % level of significance
- 12) Table 5: Please add the values of information criteria of BIC and Akaike and discuss better this part.
- 13) Please improve the quality and the editing of Table 1-5 rewriting them better and in adequate way.
- 14) Please check the absence of heteroskedasticity using the relative test.
- 15) Please check whether it exists structural break using the Chow test.
- 16) Please discuss better in the “conclusions” the limitations and the policy implications of the study.
- 17) Sometimes it is difficult to distinguish between statements reporting authors' opinion and those referring to other authors. Please check the manuscript to be sure you have included all the necessary references.
- 18) A linguistic review is strongly suggested. The theme is interesting, and the methodology is appropriate. A revised paper to improve the legibility and interpretation of the data and the statements reported should include on the side of the methods and the theory discussion some refinements such as the following: