Peer Review Report

Review Report on Study of individual and contextual factors associated with malaria in children aged 6–59 months in Burkina Faso: evidence from the 2017–2018 malaria indicator survey

Original Article, Int J Public Health

Reviewer: Ghislain Poda
Submitted on: 31 Aug 2022
Article DOI: 10.3389/ijph.2023.1605347

EVALUATION

Q 1 **Please summarize the main findings of the study.**

Include in detailed report

Q 2 **Please highlight the limitations and strengths.**

Include in detailed report

Q 3 **Please provide your detailed review report to the authors. The editors prefer to receive your review structured in major and minor comments. Please consider in your review the methods (statistical methods valid and correctly applied (e.g. sample size, choice of test), is the study replicable based on the method description?), results, data interpretation and references. If there are any objective errors, or if the conclusions are not supported, you should detail your concerns.**

The paper needs some revisions as suggested:
o Abstract :
o In the methods section, please report that "The cross-sectional study using secondary data"
o In conclusion, please highlight the main potential risk factors leading to malaria among children under five
o Please update the data on malaria by using the World Malaria report 2021.
o Please use the data from Annuaire Statistique de la sante de 2021
o Need to add more information such as secondary data are used in this study
o This is your study and you are the one who designed the study setting. Your IV could be adapted from previous studies but not identified from previous studies. Please revise the independent variable's part
o And the ethical consideration should end with the following sentence "The authors did not seek further ethical clearance because the data were secondary and completely anonymous."
o Could you explain the reason for using "Multivariate logistic regression models""
o No. There is no evidence in the conclusion aligned with the objectives. What are the associated factors"

PLEASE COMMENT

Q 4 **Is the title appropriate, concise, attractive?**

Yes

Q 5 **Are the keywords appropriate?**

Yes

Q 6 **Is the English language of sufficient quality?**

could be improved

Q 7 **Is the quality of the figures and tables satisfactory?**

Yes.

Q 8 **Does the reference list cover the relevant literature adequately and in an unbiased manner?)**

Yes

QUALITY ASSESSMENT

Q 9 **Originality**

Q 10 **Rigor**

Q 11 **Significance to the field**

Q 12 **Interest to a general audience**

Q 13 **Quality of the writing**

Q 14 **Overall scientific quality of the study**

REVISION LEVEL

Q 15 **Please make a recommendation based on your comments:**

Minor revisions.