


Corrigendum to: A Machine Learning Approach to the Prediction of Malaria in Under-five Children: Analysis of the 2021 Nigerian Malaria Indicator Survey



Sbongiseni Makhosonke Mthethwa^{1,*}  and Sileshi Fanta Melesse¹ 

¹*School of Mathematics, Statistics, and Computer Science, University of KwaZulu-Natal, Pietermaritzburg Campus, Private Bag X01, Scottsville, 3209, South Africa*

© 2026 The Author(s). Published by Bentham Open.

This is an open access article distributed under the terms of the Creative Commons Attribution 4.0 International Public License (CC-BY 4.0), a copy of which is available at: <https://creativecommons.org/licenses/by/4.0/legalcode>. This license permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.



Published: January 27, 2026



Send Orders for Reprints to
reprints@benthamscience.net

The correction has been applied to the reference of the article, titled "A Machine Learning Approach to the Prediction of Malaria in Under-five Children: Analysis of the 2021 Nigerian Malaria Indicator Survey," published in "The Open Public Health Journal," 2025; 18: e18749445396163 [1].

We apologize for any inconvenience caused and appreciate the opportunity to rectify this matter.

The original article can be found online at

<https://openpublichealthjournal.com/VOLUME/18/ELOCATOR/e18749445396163/FULLTEXT/>

Original:

NB has low sensitivity (47%) and precision (57%), probably because it assumes that features are

independent, while KNN also exhibited low sensitivity (42%) and F1-score (45%), which limits its ability to handle complex data or incorrect settings [53-55].

Corrected:

NB has low sensitivity (47%) and precision (57%), probably because it assumes that features are independent, while KNN also exhibited low sensitivity (42%) and F1-score (45%), which limits its ability to handle complex data or incorrect settings [53, 54].

REFERENCE

- [1] Mthethwa S, Melesse S. A machine learning approach to the prediction of malaria in under-five children: analysis of the 2021 nigerian malaria indicator survey. Open Public Health J 2025; 18: e18749445396163.
<http://dx.doi.org/10.2174/0118749445396163250604103305>