Review of: "Misdiagnosis of Dengue Fever as Malaria and Typhoid Fever and Their Co-infection in Rural Areas of Southwest Nigeria"

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Potential competing interests: No potential competing interests to declare.

The authors present an interesting study highlighting misdiagnosis of dengue fever as malaria and typhoid fever in Nigeria. The manuscript is very well written, and the data provided appropriately supports the conclusions. While reviewing the manuscript, I identified several areas that require significant improvement. I have provided detailed point-wise comments and suggestions on the manuscript. Addressing these points and implementing the suggested revisions will significantly improve the overall quality, coherence, and impact of the manuscript.

1. In the abstract methodology section, "Those testing positive were tested for the DENV NS1 protein, DENV IgM, DENV IgG, and RT-PCR," the sentence needs to be rewritten, differentiating the testing of genes/proteins and their techniques.

2. In the abstract results section, authors should mention the brief patient characteristics such as the number of male and female patients with mean age.

3. In the methodology, "from October to September in the year sampled," the authors must define the year.

4. It would be beneficial from the reader's point of view if the authors could add a Venn diagram depicting the results.

5. In addition to the data mentioned in Table 1, authors must also provide the statistical correlation (along with p-value) between age, dengue, malaria, and typhoid and co-infection.

6. The authors should discuss in detail the strengths and limitations of the study.

7. In Fig II, values mentioned may be restricted to two decimal places.

8. Fig III is unclear and needs to be more descriptive.

9. In summary, I think that this paper may be able to present interesting findings. I would urge the authors to spend some time considering adding some more data to the manuscript.