

# 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:** My team is working on the misdiagnosis of dengue fever with malaria; a molecular genetics approach.

Overall, the paper contributes valuable insights into the misdiagnosis of dengue fever in the context of co-infections with malaria and typhoid fever in rural Nigeria. The strengths of the study lie in its relevance to public health, methodological rigor, comprehensive analysis, clear recommendations, and ethical transparency.

However, the following should be addressed.

The study's sample size and selection process may introduce sampling bias, potentially skewing the results. The inclusion of only rural health facilities may not capture the full spectrum of cases in the region, particularly those seeking care in urban or specialized healthcare settings.

The paper lacks detailed information on certain aspects, such as the specific criteria used for diagnosing each disease, the demographic characteristics of the study population, and the clinical presentation of the cases. More comprehensive data would provide a clearer understanding of the study findings.