

Review of: "Thermal Stress and Dengue Fever: Exploring the Correlation between Elevated Temperatures and Heat Waves in Disease Dynamics"

Anis Chaudhary¹

¹ Al-Imam Mohamed Ibn Saud Islamic University, Saudi Arabia

Potential competing interests: No potential competing interests to declare.

Language and Grammar: Avoid repetitive use of "Dengue fever" in successive sentences. Use synonyms like "the disease" or "this condition."

Some sentences are wordy and can be simplified for clarity. For example:

- Original: *"This investigation aims to delve into the complex interplay between elevated temperatures, heat waves, and the occurrence of Dengue fever."*
- Revised: *"This study explores how high temperatures and heat waves affect Dengue fever transmission."*

Abstract: The abstract is clear and informative. However:

- **Recommendation:** Break it into two paragraphs for better readability—one focusing on the problem and the other on the study's findings and implications.
- **Example:**
 - **Problem:** Highlight the global significance of Dengue fever and its link to climate change.
 - **Findings:** Summarize key insights on how high temperatures and heatwaves affect mosquito vectors and disease transmission.

Figures and Tables:

Add a visual summary (e.g., a flowchart or conceptual diagram) illustrating the relationship between climate change, mosquito vectors, and Dengue fever transmission.