

# Review of: "A Graphical User Interface Based on Logistic Regression Approach for Malarial Detection"

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Potential competing interests: No potential competing interests to declare.

This work has the potential to be a strong project report for a software application. Several critical elements are missing, which are essential for a reader's full understanding and evaluation of the study:

1. The research is not properly contextualized within the body of current work in the publication since a suitable **literature review** is missing. Clarity and a stronger foundation for the study would come from a more comprehensive and well-organized examination of the literature.
2. The process used to create the **dataset** is not well explained. The dataset's source and features should be mentioned if it wasn't developed.
3. The **correlation** between the features in the dataset should be discussed. Visual representations of these correlations would enhance the reader's understanding of how different features interact and contribute to the model's predictions.
4. The **model descriptions** are too brief and should be expanded with mathematical expressions to improve clarity and technical rigor.
5. The Results and Discussion section should include a **comparison** with existing works to demonstrate how the proposed method performs relative to established techniques, validating claims of improved performance and highlighting its contribution to the field.