Review of: "Enhancing Cocoa Crop Resilience in Ghana: The Application of Convolutional Neural Networks for Early Detection of Disease and Pest Infestations"

Mohammad Sharifi[1]

1 University of Tehran

Potential competing interests: No potential competing interests to declare.

The paper discusses a major and important problem in Ghanaian cocoa production and provides relevant information about how Convolutional Neural Networks (CNNs) may be used as a potent tool for accurate disease and pest detection in cocoa production.

While the limitations section briefly mentions challenges such as data quality and accessibility, it could benefit from a more detailed discussion of potential constraints and drawbacks associated with AI implementation in cocoa farming.

The study would be strengthened by including specific examples or case studies illustrating successful applications of AI in cocoa disease and pest detection in Ghana.

To enhance clarity and provide a visual understanding of the research process, the inclusion of a graphic representation of the methodology could be beneficial. Also, the results should be presented in tables or graphics. After including these required modifications, the manuscript could be accepted.