# Review of: "Enhancing Food Type Recognition: A Comprehensive Study on Sequential Convolutional Neural Networks for Image Classification Accuracy"

Mohd Norzali Haji Mohd[1]

1 Universiti Tun Hussein Onn Malaysia

Potential competing interests: No potential competing interests to declare.

Clarity and Coherence: The introduction of the novel CNN architecture, "sequential_2," and its performance on the Food-101 dataset is clear and straightforward. However, the paper could enhance reader understanding by elaborating on why this architecture outperforms existing models. A deeper dive into the specific challenges in food recognition that "sequential_2" addresses would enrich the narrative.

Methodological Detail: The methodology section benefits from its robustness, detailing the adaptation of current deep learning techniques for food classification. Nonetheless, a more detailed explanation of the model's configuration, including the rationale behind architectural choices and parameter settings, would provide critical insights into its design philosophy.

Comparative Analysis: While the comparison with existing models is valuable, the critique could be strengthened by providing a more detailed benchmarking, including quantitative metrics and a discussion on the significance of the observed improvements. This could involve a broader range of datasets or more diverse conditions to demonstrate the model's versatility.

Practicality and Scalability: Discussing the model's computational efficiency and scalability is essential for real-world applications. The paper would benefit from a section dedicated to these aspects, including potential bottlenecks and how they might be addressed in deployment scenarios.

Future Directions: The suggestion for future research is constructive, yet it could be expanded to include potential interdisciplinary applications, such as the integration with mobile health applications for dietary monitoring or collaboration with culinary databases for automated recipe generation.

Technical Accuracy and Language: The language is generally clear and professional. However, ensuring technical terms are consistently defined and used throughout the paper would aid in readability. Additionally, a meticulous review for typographical and grammatical errors would further polish the presentation.

In summary, while the paper presents significant contributions to food recognition technology, enhancing the detail and depth in the discussed areas could improve its impact and utility for the target audience.