

# Review of: "Smart Motorcycle Helmet: A CNN-Based Multi-Task Learning Approach"

Karthik Nathan<sup>1</sup>

<sup>1</sup> Anna University of Technology, Chennai

**Potential competing interests:** No potential competing interests to declare.

The authors discussed the importance of automated motorcycle helmet detection through video surveillance in improving road safety through education and enforcement.

The authors detailed a solution to address these challenges, proposing a multi-task learning (MTL) approach based on Convolutional Neural Networks (CNN). This method aims to identify and track individual motorcycles, with a specific emphasis on detecting rider-specific helmet use.

Nevertheless, the empirical evidence for the provided system lacks validation. Inclusion of comprehensive comparative results would enhance the content for readers.