

Peer Review

Review of: "Fall Detection in Passenger Elevators using Intelligent Surveillance Camera Systems: An Application with YoloV8 Nano Model"

Alaa Wehbe¹

1. University of Genoa, Italy

This research focuses on fall detection within elevators using the YOLOv8s architecture.

From a technical perspective, the experiment should address the following two aspects:

1. A comparison with other YOLOv8 architectures, such as Nano, Large, or even previous and newer versions, along with a clear explanation of the advantages of using the selected architecture in this particular context.
2. Since the application is real-time, it's important to clarify whether the images are processed frame-by-frame. If so, this could slow down the process unless the algorithm is optimized. Alternatively, integrating YOLO with a tracker, such as ByteTracker, could help ensure real-time performance.

Declarations

Potential competing interests: No potential competing interests to declare.