

Review of: "An Intelligent Analytics for People Detection Using Deep Learning"

Jiri Prinosil¹

¹ Brno University of Technology

Potential competing interests: No potential competing interests to declare.

The biggest weakness of the paper is the inconsistency of the concept, where behavioral detection of people (sitting, running, etc.) is mentioned in the introduction. However, this is completely absent in section 4, which deals with the results of the paper. There is only an attempt to classify normal and abnormal behaviour, without further explanation, leaving the reader confused.

Another weakness of the paper is the lack of research on the current state of the issue. The actual review of the literature only focuses on the application of the supposed results of the paper, but not on the research papers that address the issue (i.e., describing the methods and algorithms, outlining their weaknesses and strengths, and how they can be built upon). This should be one of the pillars of any scientific work.

As far as the conclusion is concerned, it is really very brief and basically does not provide any relevant information.

YOLO and F-RCNN are both types of convolutional neural networks, so it doesn't make sense to compare them to some generic CNN. It is always necessary to compare only specific architectures.