Qeios

Peer Review

Review of: "Development of a Cloud-Based Road Surface Quality Assessment System"

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This paper utilizes the YOLOv8 model for detecting and classifying defects on road surfaces and deploys the system on cloud infrastructure, offering accessibility and scalability. Below are some of my suggestions.

1. It is suggested that the author consider the reasons that affect the performance of the model, such as the quality and consistency of data from different sources, data preprocessing methods, etc.

2. It is recommended to add comparative test analysis to more comprehensively evaluate the advantages and disadvantages of the YOLOv8 model in this task.

3. It is suggested to add references to enhance the precision and credibility of the research.

Declarations

Potential competing interests: No potential competing interests to declare.

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