Review of: "Environment Classification for Robotic Leg Prostheses and Exoskeletons Using Deep Convolutional Neural Networks"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

This study developed an environmental classification system using deep learning techniques. The study tested numerous convolutional neural network models on the "ExoNet" dataset, with EfficientNetB0 achieving the highest test accuracy, VGG16 obtaining the fastest inference time, and MobileNetV2 achieving the optimal NetCore.

This research is innovative to a certain extent and reflects a large amount of work in the paper, which is worthy of recognition. But I think there is room for improvement in the test accuracy of the model.