
Peer Review Report

Peer review report 1 On “Optimize Agriculture using Artificial Intelligence”

1. Original Submission

1.1. Recommendation

Minor Revision (19 Points)

2. Comments to the Author:

Title Optimize Agriculture using Artificial Intelligence

Walser, L.

Overview and general recommendation:

Mr. Walser investigated the potential of artificial intelligence in agriculture. Particularly the method to prevent crop failure by classifying infected plant leaves.

At first, he discussed the growing population and climate change with the challenges in conventional agriculture. Next, Mr. Wals also gives an overview of the machine learning solution to optimize productivity by identifying destruction by the parasites. Finally, he explained how a convolutional encoder network works and discussed this solution on the PlatVillage Dataset.

I like the structure and pointing out the potential of machine learning in agriculture. It makes it interesting to read and easy to understand.

2.1. Minor Comments

- reference of figure 1 is missing