

Review of: "Do SHapley Additive exPlanations Enhance Classification Accuracy? An Investigation of Game Theory for Mapping Cityscape Blue-Green Infrastructures Using Sentinel-2"

Davood Akbari¹

¹ Zabol University

Potential competing interests: No potential competing interests to declare.

This paper presents a novel framework for BGI classification and accuracy enhancement using Game Theory SHAP values integrating with machine learning techniques and Sentinel-2 satellite imagery.

Here are some suggestions on how to improve the paper:

- 1- The innovation and new contribution seems relatively limited and must be better underlined.
- 2- Numerical values of superiority of the proposed method are shown in the abstract and conclusion sections.
- 3- A report on the background of the research is presented, and no analysis is done on these researches and their results.
- 4- It is necessary to first determine the research motivations in relation to the current conditions of research in this field. Then, the justification of the proposed method in this application should be presented.
- 5- The paper should be rewritten by a native English speaker.