

Review of: "Impact of Environmental Education on the Knowledge and Attitude of University of Benin Students towards Waste Segregation"

Zhaleh Sedghi Noushabadi

Potential competing interests: No potential competing interests to declare.

Congratulations to the authors for conducting an interesting study. I have some observations on some matters presented in this manuscript for improvement.

The manuscript needs major refining and rewriting after re-analysis.

1. In the last line of the second paragraph of the introduction section, it is mentioned that knowledge and awareness about environmental waste matters are vital to help achieve a more sustainable lifestyle in the long run. Please provide further explanation on this matter.
2. In the fourth paragraph, provide more details about the waste separation methods in universities and the relevant departments.
3. In the fifth paragraph, elaborate further on the importance of awareness and attitude, mentioning more recent references.
4. In paragraphs 12 and 13, there is no need to provide exact numbers, percentages, or results. Instead, focus on the main findings and overall results of the study.
5. In the introduction section as a whole, use more up-to-date references. Most of the cited references are old. Utilize more recent articles, preferably from 2018 onwards.
6. In the section on research questions, explain why there is no question regarding the impact of knowledge and attitude on the performance of the study group and the control group. Additionally, considering the main objective of the study, describe the initial performance status in both groups.
7. In the methods section, clarify the statistical method used to determine the sample size. Describe the statistical methods employed in the study in both the abstract and methodology. Also, mention the statistical software used.
8. The validity and reliability of the questionnaire and the corresponding coefficients are not mentioned in the methods section. Be sure to include the coefficients.
9. What were the criteria for participants' inclusion and exclusion in the study? Has this aspect been examined for the sample under investigation? Describe the selection process.

10. In paragraph 24, the impact of awareness and attitude on performance is not specified. Given the study's objective, it is necessary to clarify this aspect.
11. Merge Tables 1 and 2 together.
12. In Table 6, the word "attitude" is written in the first row, which is not necessary considering the table design. It should be removed.
13. In the discussion section, compare the findings of the present study with previous studies conducted on each aspect of awareness and attitude, taking into account the study's structure. Interpret the reasons for similarities and differences with previous studies.
14. Mention the limitations of the study at the end of the discussion section.
15. Ensure that the references are up to date and include more recent studies in the research.