

Review of: "Digital Literacy Skills of Teachers: A Study on ICT Use and Purposes"

Emmanuel Fokides¹

¹ Aegean University

Potential competing interests: No potential competing interests to declare.

Dear Authors,

I have carefully read your manuscript and also had the chance to browse through the other reviewers' comments. Most of the feedback was constructive and to the point. While the general topic of the manuscript is not entirely original, I find it interesting to explore how educators in developing countries use Information and Communication Technologies (ICTs). However, I would like to focus my comments on the method, results, and discussion sections, as I believe there is significant room for improvement in these areas.

1. I was expecting the manuscript to present specific research questions/hypotheses and subsequently discuss them based on the authors' findings.
2. It was not clear to me whether the target group of educators referred to primary or secondary school educators.
3. The sample included educators from both public and private schools. I suggest investigating whether private schools are better equipped in terms of computers and whether they employ more experienced teachers with better ICT skills. Analyzing potential differences between these two groups of educators in terms of their views could provide valuable insights.
4. How was the questionnaire assembled? Was it based on existing questionnaires? Additionally, there is no information regarding its validity and/or reliability.
5. In Section C, which examines participants' perceived self-efficacy regarding ICTs, it would have been beneficial to use a well-established scale/questionnaire, such as the one developed by Compeau and Higgins (1995).
6. An Appendix containing all the questionnaire's items would be useful for better understanding the survey's content and structure.
7. I found the presentation of the results somewhat problematic. Several tables appeared unnecessary, and the accompanying text merely repeated what was already presented in the tables. It would be more effective to highlight the most significant findings to capture the readers' attention.
8. In my view, the manuscript's most significant weakness lies in the limitation to presenting only descriptive statistics. To enhance the study's value, I recommend exploring relationships between various variables. For example, investigating whether age, gender, and prior experience are related to self-efficacy and how computers are utilized could provide more insightful conclusions. There are several other paths that the authors could have explored as well.
9. Considering the above, if the authors choose to revise their article, the Discussion section should be rewritten. It is

essential to take into account the sufficiently large sample size, which should allow for valid and robust conclusions. In addition, it would be interesting for the authors to compare their results with those of other studies and present the similarities and/or differences. Although they did attempt to do that, I believe they could have provided more elaboration on this aspect.

I hope these suggestions are helpful in improving your manuscript. The potential of your research is significant, and addressing these points would enhance its quality and contribution to the field.

Compeau, D. R., & Higgins, C. A. (1995). Computer self-efficacy: Development of a measure and initial test. *MIS Quarterly* 19(2), 189-211. <https://doi.org/10.2307/249688>