

# Review of: "Effects of Teachers' Professional Development on Students' Academic Achievement"

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**Potential competing interests:** No potential competing interests to declare.

Thank you for inviting me for reviewing the article.

As an reviewer I suggest the following comments

1. The manuscript needs major revision on the methodological section, for instance, the why quasi-experimental. In addition to this, can we use random sampling in human participants in the experimental study.
2. What is the experiment in this study (what is the intervention)
3. How the researcher managed ethical and moral issues of that the control group can have during the study as they were not going to receive treatment actually the researcher did not tell clearly what the experiment was.
4. The effects of covariate was not controlled in this study
5. Where is the analysis and interpretations of data from pre-test, and post-tests; thus, to have better understanding of the article it necessitates the author to include each analysis with comparisons of changes from pre-test to the post-tests.

Totally, I am afraid that this can be an article in light of the is today, so for further improvement major revision is needed.