

Review of: "The Impact of Study Environment on Students' Academic Performance: An Experimental Research Study"

Michael Lekan Kehinde¹

¹ University of Minnesota

Potential competing interests: No potential competing interests to declare.

1. There is limited information on data collection in the previous version. This was updated in the updated version, which is good. It is of note that to use the T-test, there are specific expectations for the use of the T-test, especially random sampling.

2. However, details on how the data was reduced to 30 from 200 were not specified in the paper. The use of random assignment to a data set of 200 students should have two groups - High Noise Environment (experimental setting) and Low Noise Environment (controlled setting). Table 1. Participants' Characteristics and Assigned Study Environments listed just 30 participants.

However, the study design might need to consider what level of background noise would be used for the experiment to ensure that the health of study participants is protected, or an alternate method can be used to ensure the safety of participants and yet achieve desired research investigation and/or outcomes.

3. The researcher also needs to ensure that lighting, temperature, and other Indoor Environmental Quality factors are controlled. All participants should have the same lighting and temperature in their classrooms (either High Noise or Low Noise).

4. Recommendations should be based on specific environments - e.g., identifying the high noise environment, and since this is experimental (i.e., background noise was created by the researcher), recommendations should also focus on preventing background noises that were not part of the design intent of the classroom.