

Review of: "Assessing students' attitudes and perceptions towards statistical literacy in a university system in a developing African country"

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This paper is well-written and discusses a very interesting and important issue. I appreciate that the authors conducted a survey to investigate the effects of students' attitudes and perceptions on learning statistics. The following are my comments and suggestions for the authors' reference.

- Were all of those statistics classes taught traditionally in-person in classrooms? It reads like those classes were taught traditionally in-person in classrooms. The authors need to clearly indicate the instructional mode (online, in-person, hybrid, etc.). I believe that different instructional modes (in-person vs. online) would lead to different results on students' answers regarding students' attitudes and perceptions toward learning statistics. If some statistics classes were taught online, the authors need to distinguish students and compare how these two different instructional modes (in-person vs. online) affect students' learning behavior.
- I also believe that instructors' instructional methods and teaching behavior would have impacts on students' learning behavior in learning statistics. That is, the survey questions should add questions regarding instructors' instructional methods and teaching behavior. These variables can be included in the regression model as control variables. Students' learning behavior and the instructor's teaching behavior are endogenously correlated. Therefore, this variable cannot be ignored.
- The authors need to create an appendix section to display all survey questions. So, when readers read those survey questions, readers can easily get the whole picture for the whole paper.
- Students did the survey in the third week of the semester opening. I think that it is quite early to let students do the survey. Why not let students do the survey one week before the end of the semester? A longer time can allow students to experience more, and thus students can have more accurate answers.
- The authors use a 7-point Likert scale, which is good. But I have a suggestion for the third point Likert scale. I suggest using "3 = somewhat disagree" instead of "3 = not sure", so it can be consistent with the fifth point Likert scale "5 = somewhat agree".