

# Review of: "Factors Affecting the Safety Management Practices of Road Construction in the Sidama Region Road Administration"

Tareq M. Al-Bahr<sup>1</sup>

<sup>1</sup> Universiti Teknologi Malaysia

Potential competing interests: No potential competing interests to declare.

1. The title and research are extremely significant and valuable in terms of safety for road construction.
2. According to the regression analysis, it is supposed to explain a little result in the abstract that shows whether the parameters have a more significant effect on the dependent parameter.
3. As long as the title is crucial and recently hot in practice, the literature reviews addressed in the paper are short and old.
4. It is noticeable that in the discussion, there are a lot of important considerations and notices about the safety and condition of road projects in "Sidama." However, there is no citation based on these discussions.
5. It is not clear on the procedure for gathering data on different kinds of independent variables that affect one dependent variable. In other words, how were the parameters of safety training, traffic management, and personal protective equipment gathered in one questionnaire? Even though each one of these variables has a different response from the other in the same model. Therefore, it might be better to list examples of the questioner and recognise each group of questions assigned to each variable. Then, it will be summaries of how the final dependent variable affected each independent variable.
6. When talking about how to use multilinear regression analysis to build a model, it would be better to show plots and statistical tests like the outlier test, descriptive analysis plots and figures, as well as techniques for checking and improving the model.