Review of: "Prevalence of visual impairment and associated factors among welders in West Shewa Zone Oromia Region, Ethiopia"

F. E. Kasmaoui

I sincerely appreciate the quality of your article. Your thoughtful insights and meticulous approach significantly contribute to the excellence of your work. However, I have some comments:

1. In the result section of your summary, please rewrite the average age "29.13+8.06SD" as "29.13±8.06".
2. Please change the symbols "<=" to "≤" and ">=" to "≥" for better understanding.
3. Regarding your methodology, data processing, and statistical analysis:

* In epidemiology, when trying to estimate the prevalence of a disease, it is necessary to exclude individuals who are already affected by the disease because they do not represent the population at risk of being sick, and also to obtain an accurate estimate of the prevalence of the disease in the population. Did you exclude subjects who are already visually impaired?

*I noticed that you did not describe how you conducted the bivariate analysis that is primarily used to identify variables associated with the dependent variable. What statistical tests did you use?

* To my understanding, binary logistic regression analysis is performed when the dependent variable (DV) has two modalities (yes or no), while multiple logistic regression is performed when the DV has more than two modalities. In your case, your DV = visual impairment (yes or no), so I think that utilizing binary logistic regression is a more fitting approach. My question is, why are you talking about multiple logistic regression while your dependent variable has two modalities (yes or no)?

4: Concerning Table 6, can you add the numbers Yes and No for better visibility of your results?

My comments are primarily intended for discussion, better understanding, and enhancing the quality of your work. Good luck.