

Review of: "Determinant of Vaccination Status among Children Under Five years in Mattu Town, Oromia Regional State, Ethiopia"

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Potential competing interests: No potential competing interests to declare.

Dear Authors,

You have done good work; however, your manuscript needs to be given for English proofreading as it contains some grammatical and typographical errors. Some of my suggestions in order to make it better are as follows:

1. On the 1st line of Methods (under abstracts), please correct the statement '...to collect data from 118 children...' to '... data of 118 children...'
2. On line 3 of Results (under abstract), include 'of' in vaccination status ~~of~~ children...
3. Under Introduction, remove 'respectively' from the statement: 'The national vaccine calendar...respectively.'
4. Please use 'larger' instead of 'greater' in the statement: 'The result also showed that this coverage... who had greater family size, whose mothers had no education,'
5. Please reframe 'The result from the multilevel logistic regression model showed...being the 3^d or more born child' to 'The result...being at least the 3rd child of the family,'
6. Remove 'the' from: 'The study conducted in Ihe, Nigeria showed that Out of 972 children, 63% (613/972)'; also, 'Out' should be in lower case.
7. Reframe 'According to the survey conducted in Ethiopia, the result showed that only 39% of children aged 12-23 months have received all basic vaccinations. 16% of children in this age group have not received any vaccinations' to: 'The result of the survey conducted in Ethiopia showed that only...'
8. Correct: 'The study conducted in Sinana District, Southeast Ethiopia showed that 76.8% of the children aged 12 to 23 months were complete their vaccination' to: 'The study...12 to 23 months completed their vaccinations.'
9. Please reframe the statement 'As the health office of Mattu town reports showed that Mattu town has a high vaccination problem (by interviewing office workers)
10. Please remove 'There were' from this sentence: 'To the best of our knowledge, there were no studies have been conducted in Mattu town regarding the determinant of vaccination status among under-five year-old-children'
11. Please use 'below five years' instead of 'fewer years' in the sentence: 'Children whose ages were above five years

were excluded from the study, and children aged five and fewer years were included in the study’.

12. Check the formulae in your materials and methods; they are not legible.
13. Please remove ‘were’ in the statements: ‘ $P = 0.5$ is the proportion of children who were completed vaccination’ and ‘ $Q = 0.5 = 1 - p$ is a proportion of children who were not completed vaccination’.
14. In Study variables, under Materials and Methods, correct the sentence: ‘The dependent for this study was vaccination status among children under five years which has two categories: who were not complete vaccination, and who were complete vaccination ($Y = 1$, complete vaccinated or $Y = 0$, not complete vaccinated)’ to: ‘The dependent variable for the vaccination...which has two categories: those with complete vaccination and those without ($Y = 1$, complete vaccinated or $Y = 0$, not complete vaccinated)’
15. Remove ‘in’ from the statement: ‘The result from the Logistic regression showed that the Mother's marital status, educational status of the caretaker, monthly income, and residence area were significant factors in affecting vaccination status among under five years children’.
16. Correct the first statement under discussion to: This study aimed to assess incomplete vaccination and associated factors among children under five years in Mattu town.
17. Reframe the statement: ‘This descriptive result is similar to the previous study conducted in the Mecha district, North West Ethiopia, which showed that about 49.3 % of children aged 12-23 months were fully vaccinated, 49.1 % did not complete the vaccination, and 1.6% of children have not started the vaccine’ to: ‘This descriptive result is similar to the result of the previous study conducted in the Mecha district, North West Ethiopia, which showed that...’

I wish you the best.

Clara