**Author’s response to reviews**

**Title:** Trends and barriers of Emergency medical service use in Addis Ababa; Ethiopia.

**Authors:**

Menbeu Mohammed (smenbeu@yahoo.com)

Yonas Abebe (yonbb@gmail.com)

Assefu Welde Tsdik (assefu2000@gmail.com)

Asmamaw Abebe (asmamawa@gmail.com)

Alegnta Gebre Yesus (galegnta@gmail.com)

Nee-Kof Mould-Millman (Nee-Kofi.Mould-Millman@ucdenver.edu)

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Reviewer 1.

Dear Alaa Oteir: Thank you very much for the comments. It has significantly improved our work.

Here are your comments and their response.

1. It need English proof reading throughout and checking for misspelling and typos.
   Answer: Thank you for your comment we have done English edition accordingly.

2. The IQR is a range (single value), what is reported it the First and third Quartiles
   Answer: Accepted. We have changed it to single value

3. How did you evaluate your regression model: good of fit and calibration?
   Answer: We have undertaken goodness of fit: hosmer-lemeshow test and it indicated a good fit.

4. I suggest adding more keyword and MeSh terms
   Answer: Thank you for your suggestion. We have added two more key words, language, Addis Ababa

5. I would add the total numbers throughout the tables (top of the column) it gives more clarity to the readers.
Answer: Thank you we have added the total number 429 on top of the respective tables.

6. I would describe your EMS system more carefully, what is the level of qualification? Who can be a paramedic? …etc

Answer: Thank you for the comments we have edited it accordingly.

Reviewer 2

Dear Jeremy Abetz, BMedSc(Hons), MBBS(Hons). We are great full for your effort to review our work. It has improved our work significantly.

1. In the results section, under demographics, you have used the word "majority" incorrectly a few times. A "majority" is >50%. This applies to the age range, employment, and where participants resided. Here are your comments and our answers:

   Answers: Thank you for your comments we have corrected it.

2. In the new section describing the multivariate logistic regression under results, you have presented the Odds Ratio as a P value when referring to police. ("Patients who were companions by police (P=1.53) were positively associated with ambulance use."). Looking at Table 3, I would suggest that (P=1.53) is change to "(OR 1.53)".

   Answer: Corrected

3. In the first paragraph of the discussion: "Non-Amharic speaking participants were amongst the least to utilize ambulance services" I recommend adding the word "likely" after the word "least@"

   Answer: accepted and added.

Thank you