Author's response to reviews

Title: Delivery Practices and Associated Factors among Mothers seeking child welfare services in Selected health facilities in Nyandarua South District, Kenya

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Author's response to reviews: see over
Revision to the paper: Delivery Practices and Associated Factors among Selected Mothers Seeking Child Welfare Services in Selected Health Facilities in Nyandarua South District, Kenya

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Abstract. Among the 409 mothers who participated in the study, 1170 deliveries were reported. Of all the deliveries reported, 51.8% were attended by unskilled birth attendants. Among the deliveries attended by unskilled birth attendants, 38.6% (452/1170) were by neighbors and/or relatives. Traditional Birth Attendants attended 1.5% (17/1170) of the deliveries while in 11.7% (137/1170) of the deliveries were self administered. Mothers who had unskilled birth attendance were more likely to have <3 years of education (Adjusted Odds ratio [AOR] 19.2, 95% confidence interval [CI] 1.7 – 212.8) and with more than three deliveries in a life time (AOR 3.8, 95% CI 2.3 – 6.4. Mothers with perceived similarity in delivery attendance among skilled and unskilled delivery attendants were associated with unsafe delivery practice (AOR 1.9, 95% CI 1.1 – 3.4). Mother’s with lower knowledge score on safe delivery (%) were likely to have unskilled delivery attendance (AOR 36.5, 95% CI 4.3 – 309.3).
Dear Editor,

In view of the comments raised by the reviewer, the author of the manuscript mentioned above revised it as follows;

**Reviewer** Margaret Elizabeth Kruk

The author did the revisions on tables 2 and 3, not tables 1 and 2 as earlier indicated. This is because the data referred to is in tables 2 and 3.

1) ‘Outcome variable for the study
The regression model used in this study is that in which the outcome variable is dichotomous. In this case, our dependent variable; delivery practice which was defined in the text (page 7), was dichotomized and coded as 0 if the women’s delivery was assisted by the skilled birth attendant and 1 if the women’s delivery was assisted by unskilled birth attendants. It is therefore agreed that the regression used "delivery by unskilled attendant" as the outcome of interest with skilled delivery as reference and the table headings have been changed to read unskilled birth attendance in place of delivery practice. Explanations have been added in the text and below table 3 to explain the outcome variable.

2) Revision to table 3
The ‘n’s in table 3 and the percentages have been deleted to avoid repetition of data from table 2

Thank you.