Author’s response to reviews

Title: Syphilis and HIV prevalence and associated factors to their co-infection, hepatitis B and hepatitis C viruses prevalence among female sex workers in Rwanda

Authors:
Mwumvaneza Mutagoma (mutagoma@gmail.com)
Laetitia Nyirazinyoye (lnyirazi@gmail.com)
Dieudonné Sebuhoro (tontosebu@gmail.com)
David Riedel (davidjriedel@gmail.com)
Joseph Ntaganira (jntaganira@ur.ac.rw)

Version: 3 Date: 26 Jun 2017

Author’s response to reviews:

Dear Editorial team,

Thank you for your comments. I would like to respond to addressed comments:

1. in abstract please correct few english grammar errors

R/ In the current version the English was corrected

2. can you con
firm that you used univariate factors with p<0.5 in multivariate analyses (in stead of p<0.05?--possible typo?)

R/ Dear reviewer, you are right, it was an error, p<0.5 in stead of p<0.05. The error was corrected in the revised manuscript
3. You have added words as 'likely, probably, apparently' in the results section in response to the comment that statements on differences in prevalences between categories of variables cannot be made without a statistical test. However, adding these words does not solve the issue. Please add chisquare tests as recommended previously to substantiate your claims on decreasing/increasing/higher/lower prevalences between categories of variables or alternatively but least preferred, remove the statements.

R/ Your comments is very relevant. If we have to compare, p-value or other statistical test should confirm the difference.

Your comments were related to Table 2. In current version we added 95%CI to all values in Table 2. In this case we are confident to compare proportions in the table.

In the revised manuscript we removed words: "likely, probably, apparently", now we have precision.

Thank you again for your time dedicated for this manuscript.