



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	2015_IJTDH_16624
Title of the Manuscript:	Influence of Rheumatoid Factors and Bilirubin on the Sensitivity of Immunochromatographic Rapid Diagnostic Tests for HIV/AIDS and Hepatitis B in Cameroon.
Type of the Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
I have read the paper and still have problems with it. My main problem has to do with the kind of statistical test used. The author(s) used ANOVA and I find it problematic for the kind of data presented. In my view, ANOVA cannot be used for this type of data. Firstly, sample size of 25 or 30 is too small for use of ANOVA. Secondly, testing for correlation between qualitative variable and quantitative one with ANOVA cannot be correct. Detailed and specific comments have been made on the paper for redress by author(s).	We agree with reviewer that the statistical test used (ANOVA) was problematic. This has been replaced by a more appropriate test, the Chi-square test with continuity correction applied at a threshold of 0.05. This has brought out interesting findings in this paper which we could have missed. We are thankful to the reviewer. Our methodology section has been rearranged with a reduced number of subheading according to the reviewer's recommendation. To perform analysis, we categorized RF (raw data in Tables 3) results into two categories and bilirubin results (raw data in table 4) into three categories. Table 5 which was confusing because we had represented the percentage rather than the actual numbers of samples has been restructured and replaced with 2 simplified tables (Table 5 and 6). These new tables now present the actual frequencies of positive and true negatives respectively.