

Review of: "Knowledge, Attitudes, and Practice (KAP) Study for Reducing Invalid Vaccine Doses in Routine Immunization: A Cross-Sectional Study in Urban Slums of Bangladesh"

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Potential competing interests: No potential competing interests to declare.

1 Title The title is good and appealing

2 Abstract The abstract is well written. The statistics miss a syntax and create confusion. There are missing statistics that quantify the strength of the association (e.g. odd ratio). There is no consistency between key issues found and its conclusion and recommendations.

3 Introduction It is not focused on issues. The author can consider the impact on vaccination coverage levels if invalid doses were not counted, and determine the vaccine purchase cost if at least one invalid dose is repeated.

4 Methods References and syntax are missing.

Some key words need clarity like MR, PCV

Sampling methodology need to be rephrased for clarity.

5 Results Results are detailed and not elaborative. Table 2 does not mention that a father has been selected, but there are percentages associated to father such as primary, secondary etc...

At the Table 2, what is the interest to compute partially the "Mean"?

Where do "Figure 1" come from? How figure 1 is linked to the result is not understandable.

Key issues are wrongly interpreted and probably wrongly analyzed which create confusion.

It confuses how you arrived to figure 1 “reasons for providing invalid vaccine doses”.

6 Discussion You need to compare your study findings and others looking on their similarities and differences while considering other perspectives like methodological approach. Discuss your study limitations and their mitigations.

7 Conclusion Conclusion should be neat, brief, and consistent. There is no consistency between key issues found and its conclusion and recommendations

8 Decision It needs major correction given the above comments