

Review of: "Using a Health and Demographic Surveillance System to Assess Stillbirths Trends and Risk Factors in Siaya County, Kenya between 2008 and 2019"

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Potential competing interests: No potential competing interests to declare.

Thank you for giving me the opportunity to review this manuscript.

- The data was collected between 2008 and 2019, but in the study design section, it's mentioned between 2011 and 2020. So, please clarify.
- I don't understand the sentence "Pearson's chi-square ... to assess associations between the two outcome groups". What are the two outcome groups? Moreover, I suppose this is the statistical test used in Table 2? It should be mentioned.
- Pearson's chi-square is redundant with bivariate logistic regression.
- The authors realized bivariate and multivariate binary logistic regressions. It's appropriate, but what's the strategy for the multivariate analysis? A selection of covariates? A complete model? Did the authors compare several multivariate models? This point could be reviewed.
- Why no statistical model was used for Figure 1? A GLMM could be computed to modelize the stillbirth rate.
- Table 3: please indicate the number of subjects and the p-value type III for the global effect of the covariate
- Interpretation of Table 2 is inexistent
- Interpretations of Table 3 were not correct; please review. Don't forget to test the effect of a category compared to a reference !