

Review of: "Factors Associated With Hospital Outcomes for Cases of Anemia in Pregnancy at a Regional Level in Burkina Faso"

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Potential competing interests: No potential competing interests to declare.

Maternal anemia is strongly linked with an increased risk of maternal and perinatal mortality. Maternal factors associated with poor outcomes as a result of anemia are not very well understood. Towards this direction, the authors of this study have designed a hospital-based retrospective study to delineate the association of maternal factors with the unfavorable outcome of hospital discharge for anemia cases in Burkina Faso. A major limitation is that the study data refers to the 2009-2011 period. In addition, there are certain aspects that could be further addressed in this study.

Following are a few of my comments:

1. Although the authors have discussed the association of maternal factors within the anemia cases, further information could be garnered if the unfavorable discharge outcome analyses are done with non-anemic pregnant women as the reference category.
2. Along these lines, in Table 1, the authors should include the status of certain sociodemographic characteristics in comparison with non-anemic pregnant women.
3. It would be interesting to look into the status of preterm birth and maternal hypertension in cases of anemia in pregnancy, if they are influencing the association of maternal factors with unfavorable hospital discharge.