Reviewer’s report

Title: Magnitude of Elevated iron stores and Risk associated in Steady state Sickle Cell Anemia Congolese children: a cross sectional study

Version: 4 Date: 11 Dec 2018

Reviewer: Kristen Stevenson

Reviewer's report:

1) In your response you state that the Fisher exact p-value in Table 2 the p-value is 0.081 (73% vs. 44%) and this is what is listed in the abstract in the results section. However in Table 2 the p-value is 0.078 which is correct. This needs to be corrected in the abstract.

2) In Table 2, you should indicate with a Footnote which tests are now performed using a Fisher exact test.

3) In the statistical analysis section you need to mention that you performed logistic regression analysis which evaluated the following variables: lack of hydrea, ....

4) In the results section the IQR is the interquartile range. The statement should be, "Their median age was 9 years with an interquartile range (IQR) of 6 to 13 years." The IQR is the 25th and 75th percentiles of the distribution but this does not need to be stated. In reporting the IQR throughout the manuscript, such as (IQR 25 and 75:99-185) ng/ml you do not need to list 25 and 75. IQR is sufficient.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review? If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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