Reviewer's report

Title: Maternal obesity and fetal deaths: results from the Brazilian cross-sectional demographic health survey, 2006

Version: 2 Date: 7 November 2013

Reviewer: Camille Raynes-Greenow

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Major compulsory

Is it possible to conduct an sensitivity analysis amongst stillbirths at different gestations. 28 weeks is the agreed international cut-off. 20 weeks is very early and unlikely to survive. It would also be interesting to see impact on late stillbirths - to assess the effect at those gestations.

Ethics: Authors say that all participants were informed of the research objectives - but not specifically for these analyses? Please amend accordingly.

The authors need to describe the WHR categories which were defined into quartiles, ie is the 1st quartile the highest (or normal)? - The direction is unclear. Similar issues for other measurements.

Is education completed years?

Does household income quartile 1 = highest income?

Skin colour variable is not well described, please explain the meaning of this variable and whether it is used as a proxy for race and or socioeconomic status Do this in methods and clearly explain.

Limitations: Stillbirth and abortions are self-report and this has not been included in the limitations of the study.

Are stillbirths and abortions combined

Minor Essential

Spell out WHR in first instance in the manuscript.

All fonts on the tables and figures have not worked. Spacing is very strange. These all need to be improved.

Figure 1 is eligible and hence cannot be assessed.

The link to the sampling plans etc of DHS data needs to be assessable, is there an English version that the manuscript can link to?