Reviewer’s report

Title: Cardio-metabolic and socio-environmental correlates of Waist-to-Height Ratio in German primary schoolchildren: A cross-sectional Exploration

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Reviewer: Naval Kishore Vikram

Reviewer's report:

In this study the authors report the clinical and socio-environmental correlates of abdominal obesity, as indicated by high waist-to-height ratio, in primary school children from Germany. Abdominal obesity correlated with intra-abdominal fat and other cardiometabolic factors. These observations are not novel and have been reported earlier. Did the association of waist-to-height ratio with cardiometabolic risk factors remain stable after adjustment for BMI? Furthermore, the anthropometric measurements change over the years and these associations may not remain stable. The cross-sectional data reported in this study are more than a decade old. It would be interesting to report the followup data to know whether the associations reported in the manuscript still hold true at followup.

The manuscript is not suitable for publication in its present form.

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

Yes

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.

No

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I am able to assess the statistics
Quality of written English
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Not suitable for publication unless extensively edited

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