Reviewer’s report

Title: Anxiety and depression in children and adolescents with obesity: a nationwide study in Sweden

Version: 1 Date: 30 Dec 2019

Reviewer: Robert Berkowitz

Reviewer's report:

The authors have made improvements in the current draft and have responded to this reviewer's concerns with thoughtful responses. As they have written in the discussion, there are three limitations of concern.

One is selection bias - comparing treatment seeking youth (who may be more distressed) to those in the general population; and another is surveillance bias - that youth who are treated for obesity may receive more professional contact and, thus, receive more diagnoses of anxiety and depression.

The third limitation is that height and weight data are not available in the general population control group; this group contains some percentage of youth with obesity - the 1.3% estimate appears too low (a comment about whether this estimate is too low would strengthen the draft).

Despite these limitations, the authors have important data regarding the potential association between obesity and anxiety/depression in youth; these data add to the existing literature regarding this association while controlling for other factors.

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

Unable to assess

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Unable to assess

Are the conclusions drawn adequately supported by the data shown?
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Yes
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I am able to assess the statistics

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

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