Reviewer’s report

Title: The Association between Gestational Weight Gain Z-Score and Stillbirth: A Case-Control Study

Version: 2 Date: 02 May 2019

Reviewer: Lisa Bodnar

Reviewer's report:

The authors have been very responsive to the reviewers’ comments.

I have one final remark. The authors should add a line or two in the discussion to highlight an important limitation. They find, as expected, that the mean gestational age at delivery of stillbirths is substantially earlier than live births. When the exposure is total weight gain at delivery, the assumption the authors are making is that the weight gain z-score at delivery for live births is the same as it would be at an earlier gestational age. In other words, the idea comparison would be weight gain z-score at the same gestational age as the stillbirth (in a matched design, for instance). Because the SCRN study lacked this data, the authors assume that the z-score at delivery is the same as it would have been earlier in pregnancy.

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?
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Yes

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