Reviewer's report

Title: Predictors for early introduction of solid food among Danish mothers and infants: an observational study

Version: 1 Date: 30 July 2014

Reviewer: Stephen Markwell

Reviewer's report:

I have performed a statistical review on this manuscript and have found it to be acceptable. The statistical methods are appropriate as are the reporting of the results. The only suggestions (discretionary revisions) I would make are:

1. The authors might consider providing an additional paragraph to describe the differences between binary logistic regression (which I assume the readers would be more familiar with) and ordered logistic regression as used here. With an emphasis on the interpretation of the proportional odds ratios.

2. As a personal preference I would suggest that in Table 1 the percents for the categorical variables might be computed within the 3 outcome groups. For example you could report the percentage of females in the 5-16 week group was 44.8%, 47.5% of those in the 17-24 week and 52.9% in the 25+ group. I think this might have more intuitive appeal corresponding to the ORs.

3. The p-values reported in Table 1 that are reported as <0,001 should be <0.001 to be consistent.

4. In the Results section it is reported that infants in the 25+ week group differed from those in the 5-16 and 17-24 week groups. Were follow-up tests performed to come to this conclusion? I assumed that the reported p-values in Table 1 reflected the overall test. Should either perform follow-up comparisons or change the wording (ie a significant difference was noted between the 3 groups). In theory you could test the trends across the 3 groups.

Overall I thought the study was well done and the paper was well-written.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests