Reviewer's report

Title: Effect of changes in a FFQ: comparing data from two national dietary survey instruments among 12-month-old infants

Version: 1 Date: 27 May 2013

Reviewer: Mohammad Rouhani

Reviewer's report:

Major Compulsory Revisions:
This is a well-designed and useful report but unfortunately, there are some points of concern:
1- Did authors collect any information regarding divorcement? It may affect on filling questionnaires.
2- Researchers cannot use SFFQ-2007 based on this study because the validity of SFFQ-2007 did not assessed. Furthermore, authors mentioned that SFFQ-1999 overestimated energy intake and the reported data in Table 3 did not reveal any difference between SFFQ-2007 and SFFQ-1999 for estimated energy intake. On the other hand, authors mentioned “To be able to compare daily intake of energy in the two questionnaires, results from the SFFQ-2007 are presented as energy intake (kJ) minus fiber intake (g) x 8 kJ”. So total energy intake obtained from SFFQ-2007 may over than estimated energy by SFFQ-1999!!! Indeed, the revised version of SFFQ-1999 (SFFQ-2007) cannot correct misleading points.
3- Authors should report the correlation coefficients for fat intake in validation of SFFQ-1999, because significantly higher intake of E% and absolute intake of fat was reported in the SFFQ-2007 compared to the SFFQ-1999.
4- Did you have any evidence to show that your washout period duration is sufficient?
5- In this study, non-parametric tests were used. You should attempt to normalize the distribution of your variables and for impossible cases, you can use non-parametric tests.

Please accept after discretionary revisions.

Level of interest: An article of limited interest

Quality of written English: Acceptable

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