Reviewer’s report

Title: Vaccine coverage within the first year of life and associated factors with incomplete immunization in a Brazilian Birth Cohort

Version: 0 Date: 20 Dec 2019

Reviewer: Tomas Vega Alonso

Reviewer's report:

This is an interesting paper about the factor associated with vaccine coverage in Brazil in a large cohort of children born in 2015 in Pelotas.

The authors present some clear objectives and methods and complete results of the statistical analysis. I would like, however, make some comments and recommendations:

Page 6, line 5: Although the authors refer to a previous paper (ref. no. 20), maybe they should explain a little bit more who were the interviewers and how they did the follow up.

Page 7 line 29: in the text you mention …two dosed of B meningococcal vaccine while in the table (additional file 1) is written C meningococcal. In the same paragraph you do not mention Hepatitis B.

Page 7, line 52: Clarify if 'using the public health care services' is exclusively for vaccination or a general use. In discussion page 13, line 36 you could understand using public health services in general.

Page 10 line 1. Check footnotes in table 1. DTP is not in the table, OPV is not the name you have in table 1, FIC, FIC again. Footnotes must be consistent with table contents and referenced with letters or symbols in the table.

Page 11, line 10. Basic incomplete vaccination. Line 10. Rephrase the text to remove the semicolon.

Page 11, Line 16. Rephrase the sentence to make clear the comparison.

Page 11, Line 23. Maternal age in the adjusted model is in the limit of the significance (1.02-1.63).

Page 11, line 44. Estimate for 3 children or more is 1.73.

Page 12, line 5. Instead of 'In contrast' it could be 'Additionally or Complementary or Also' for a better interpretation of the relationship of High and low income with the poor vaccination coverage.
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