Reviewer’s report

Title: Determinants of non-utilization of child immunization in Pakistan: Evidence from Demographic and Health Survey

Version: Date: 30 December 2013

Reviewer: Domenico Martinelli

Reviewer’s report:

The paper approaches the critical issue of assessing the determinants of incomplete immunization among children aged 12-23 months in a very critical context like Pakistan. The authors well posed the question and defined the rationale and the objective of the study. Methods appeared appropriate and well described, results were clear reported. Discussion and conclusions were synthetic, well balanced and adequately supported by the data. Limitations were stated clearly enough. The manuscript was written well enough and easy to read. Title and abstract communicate the question and the main findings.

Some Major Revisions are needed.
1. Title. Please, report the “time” (years in which data were collected).
2. Abstract. Please, better clarify that results come from a “secondary analysis” conducted on data from Pakistan Demographic and Health Survey.
3. Background. Last paragraph, second and third statements. Please, define the context from whom the reported considerations come: is it comparable to that analyzed in your paper?
4. Methods. Page 6, last paragraph. Please, report references used to choose the independent variables included in the survey.
6. Results and discussion. In the second limitation statement, you reported that “you only know the information whether the child was given a vaccination or not but had no information on the particular doze of the vaccination”. It could be real interesting if you report and discuss the incomplete immunization level for each vaccination (i.e. polio, hepatitis B, ect.).
7. Discussion. Page 12, first paragraph. For the analyzed context, “Germany” appears not a good benchmark.

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