Reviewer's report

**Title:** Reproductive health and access to healthcare facilities: risk factors for depression and anxiety in women with an earthquake experience

**Version:** 4 **Date:** 7 June 2011

**Reviewer:** Egbert Sondorp

**Reviewer's report:**

Thanks to the authors for trying to address the various reviewers' comments. This has led to a number of notable improvements but some weaknesses remain and not all issues raised were addressed satisfactorily.

Sampling is better described and some more background information is being provided including the useful new annexes. However, the manuscript has retained its rather convoluted nature, with a myriad of relationships between mental health, reproductive health, the earthquake, and the specific Pakistani context, including high levels of poverty.

Many associations have been examined and a number show statistical significance. As authors state, this may be due to chance, but they feel that listing them may benefit future research. However, as indicated in the initial review, at several points, authors try coming up with possible hypotheses to explain some of the associations found that do not immediately make sense. Those hypotheses are not very plausible or pretty far fetched, which does not help increase the credibility of the identified associations. Authors do not address this in the revision.

I also did not see the issue addressed that seemingly the earthquake had a positive effect on mental health, with data given showing reduced levels of depression and anxiety after the earthquake.

Finally, it seems that not all authors participated in this revision. Otherwise, it is difficult to understand why why part of the revised text is poorly edited.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests