Reviewer's report

Title: Air pollution exposure during pregnancy and reduced birth size in a mother and child cohort in Valencia, Spain.

Version: 1  Date: 22 November 2009

Reviewer: Francesco Forastiere

Reviewer's report:

This is an extremely well written study which deals with an important issue. The methods and the results are well presented and the discussion is well articulate to cover all the important issues. I have no major comments. I only suggest three minor Minor Essential Revisions.

1. A clarification should be made about the fact that in building the exposure variable, kriging was used first and then the LUR. The meaning of that is unclear.
2. The method to derive NO2 specific values for trimester should be better explained.
3. The distribution of estimated NO2 should be reported.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

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