

Reviewer's report

Title: Minute ventilation of cyclists, car and bus passengers

Version: 1 **Date:** 14 August 2009

Reviewer: Magnus Svartengren

Reviewer's report:

This manuscript is clear and well written. There is a need for data regarding exposure modifying factors.

The aims could be more clearly written

In background it is stated

This paper reports on differences in estimations of minute ventilation between using individual and average regression coefficients.

in conclusion in abstract it is said

Minute ventilation levels of cyclists are on average two times higher than of bus and car

passengers, and differences vary between individuals.

What does this mean for risk estimates. The knowledge that there are individual relationships is not new. I guess that for population risks average values would be ok? Please comment on this.

Minor

Page 7 results Why state that there wher no participants with low education?

Page 10 discussion 9 row from bottom ad re 13? (11-14)

Check table numebers in text table 6?

Page 13 use SI units km/h

Table 2 upper intercept range 1.69?

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

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