Reviewer’s report

Title: Associations of age with serum insulin, proinsulin and the proinsulin-to-insulin ratio: a cross-sectional study

Version: 3 Date: 30 October 2010

Reviewer: Taro Maruyama

Reviewer’s report:

Comments to the author

I am satisfied with the revised manuscript, but I still feel that the tables are not kindly readable for readers.

I would recommend to revise the tables as follows:
1) Remove the column “n” and “beta–blocker use” from table 1.
2) Remove the columns which is not significantly correlated with dependent variables such as hip circumference, white blood cells and beta-blocker use, etc. from tables 2 and 3.
3) The results expressed as odds ratio (95%CI) and p value instead of b, SE, t and p in tables 2 and 3 would be more accessible for readers.

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.