Reviewer's report

Title: Alcohol Consumption, Physical Activity, and Cardiovascular Risk Factors

Version: Date: 13 March 2006

Reviewer: Augusto Di Castelnuovo

Reviewer's report:

General

This manuscript reports the associations of potential cardiovascular risk factors and moderate drinking or physical activity. Although the data were carefully collected and the results well discussed, presentation of results should be improved.

-------------------------------------------------------------------------------

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

Results reported in Table 1 should be better presented in two separate tables, one for moderate drinking and the other for physical activity. Both tables have to include simple frequencies and percentages of risk factors according to abstention (or sedentary) status, odds ratios adjusted for age-sex and for age-sex-race-education (as in the present Table 1) and adjusted prevalence ratios calculated using Poisson regression. Conclusions should be based on findings of logistic as well as Poisson regression.

-------------------------------------------------------------------------------

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Page 5: what does IRB mean?

-------------------------------------------------------------------------------

Discretionary Revisions (which the author can choose to ignore)

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

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

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:

I am currently involved in epidemiological studies on alcohol and health/disease risk.