Reviewer’s report

Title: Association between substance use and psychosocial characteristics among adolescents of the Seychelles

Version: 2 Date: 8 June 2011

Reviewer: Shi Huang

Reviewer’s report:

As seen from the Tables, it seems that the authors also dichotomized predictors. If so, this should be clearly stated in the manuscript. This is important because it may have a profound influence on the interpretation of regression results.

In the response letter, the authors stated that “we have added univariate logistic regression to study the relationship between each (explanatory) risk/protective factor and each (outcome) risk behavior,….” However, the note on Table 4, “The initial model for each risk behavior included all explanatory variables shown in Tables 2 and 3”, suggested that these were multivariate analyses. Please make this clear.

The stepwise regression analysis on cannabis use for girls seems a little bit weird. First, an OR of 30.2 was extremely large. Second, there were some significant predictors in Table 3, but none of them was retained in Table 4. Please double check the results.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.