Reviewer's report

Title: Obstructive sleep apnea and multimorbidity

Version: 3 Date: 13 August 2012

Reviewer: Kazuo Chin

Reviewer's report:

I understand why the authors used non-parametric tests for the association between DBMA and the severity of OSA. However, I still could not quite understand why the authors performed such bivariate analyses (absent and mild OSA vs moderate and severe OSA) in Table 3. Indeed, in Tables 4 and 5, the odds ratios were calculated as each of mild, moderate and severe OSA vs non OSA group (reference).

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.