Reviewer's report

**Title:** Poor sleep quality is associated with increased arterial stiffness in Japanese patients with type 2 diabetes mellitus

**Version:** 2  **Date:** 9 April 2015

**Reviewer:** Louise Maple-Brown

**Reviewer's report:**

Osonoi et al present results of a well-conducted study and the manuscript is in general well written and results are clearly presented.

I suggest the following minor essential revisions:

1. Please revise the column headings in Table 2 and Table 3 from "est" "Est1 etc" to be text that makes more sense to the reader. A suggestion would be "unadjusted" instead of "Est" then "Model 1" instead of Est1, Model 2 etc.
2. Please revise the title of Table 3 to include "results of regression models" to improve clarity re which results are presented here
3. Please report HbA1c in SI units of mmol/mol (dual reporting would be acceptable if preferred)
4. Some minor changes to English language are suggested as follows:
   - abstract line 61, delete "group" after "sleep quality"
   - background line 70, suggest replace "problems" with "factors"

**Level of interest:** An article of importance in its field

**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