Reviewer’s report

Title: Using Hashimoto thyroiditis as gold standard to determine the upper limit value of thyroid stimulating hormone in a Chinese cohort

Version: 1 Date: 06 Jun 2016

Reviewer: James V Hennessey

Reviewer's report:

The authors have skillfully avoided addressing my concerns. There seem to be no modifications to the manuscript other than when I did not understand what was being stated. I congratulate the authors for splitting out the 2.5-97/5th percentiles of the TSH observed. The values displayed for the presumably euthyroid subjects without Hashimoto's are very similar to those of Hollowell and Surks and seem to be in direct contradiction to the statistically derived conclusions.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:
Needs some language corrections before being published

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