Reviewer’s report

Title: Association between lifestyle and thyroid dysfunction: a cross-sectional epidemiologic study in the She ethnic minority group of Fujian Province in China

Version: 0 Date: 09 Apr 2019

Reviewer: Bunzo MATSUURA

Reviewer’s report:

The authors demonstrated an association between lifestyle and thyroid dysfunction in the She ethnic minority group in China. This provides useful information for treatment of thyroid dysfunction. There are some problems in the current contents.

Major point

1. The authors showed associations between positive TPOAb and alcohol consumption, smoking, daily staple amount and weight watch. TPOAb is a genetic factor. Why does the genetic factor affect these lifestyles? The authors should mention this point.

2. Did the authors exclude the syndrome of resistance to thyroid hormone (RTH)?

3. "Hyperthyroidism" defined by the authors included Graves' disease and Hashimoto thyroiditis. The authors should divide into these two groups about lifestyle differences.

Minor points

1. There are many miss-representations.

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

No

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 am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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