Reviewer’s report

Title: Difference of the associations between self-rated health and demographic characteristics, lifestyle, and psychosocial work environment between two representative types of Chinese worksite

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Reviewer: Thanh Tran

Reviewer’s report:

Overview: The manuscript addresses an important topic. The authors aims “to investigate and compare the association between SRH and demographic characteristics (gender, age, education, marital status, and length of service), lifestyle (smoking, alcohol intake, physical activity, and passive smoking), and psychosocial work environment (social capital, job demand, job control, and support at work) between participants from two representative types of Chinese worksite.”

In general, the writing is not clear and can be confusing. For example, this sentence: “Lifestyles were significantly less healthy at government departments vs. high-tech enterprises, but the psychosocial work environment was better.” Did the authors argue that workers at government departments had poorer lifestyles than workers at high-tech enterprises? I am not a native English speaker so I can’t give more suggestions regarding the authors’ English writing and styles.

Methods

Measures. The authors did not discuss the reliability of the scales used in the study. For example there is no information the internal consistency reliability of the composite scales used in the study.

Analysis. I am not sure why the authors performed two separate analyses for two work environments. An analysis with the combined samples is more meaningful. In addition the authors can examine the interaction effect between work environments and variables such as education and work related variables (see Table 1) on SRH.

Results and Conclusions. Due to the current analysis, it’s difficult to accept the validity of the results and the conclusions.

I hope these comments are useful to the authors

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

Quality of written English: Needs some language corrections before being published
**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

N/A