Reviewer’s report

Title: Prevalence, and health- and sociodemographic associations for visits to traditional and complementary medical providers in the seventh survey of the Tromsø Study

Version: 0 Date: 16 Sep 2019

Reviewer: Kidanemaryam Berhe

Reviewer's report:

Generally, I found the research well done but I do have few minor issues that could help for improvement of the research.

1. The result under abstract should focus on the significant factors. E.g. The MR-derived estimates for MS traits were also not significant; it would be good to replace them with significant factors or other findings.

2. In the conclusion of the abstract, you suggest that efforts to increase vitamin D may not be a clinically relevant intervention in cardio-metabolic disease prevention. But I would suggest exploring and stating the limitations of your study that can result to the finding (no risk) rather than stating not clinically relevant interventions and of course it is possible to suggest further different studies.

3. The information in page-4 line 90-91 which stated "genetic variants associated with lower 25(OH) D should be associated with a higher risk of MS and its metabolic traits" please give reference/s.

4. The conclusion has to focus on your findings. The findings from other studies (MR studies, RCTs) are already discussed in the discussion part so as to me no need to include in the conclusion part.
**Level of interest**
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Acceptable

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