Reviewer's report

Title: Body mass index and health-related quality of life among young Swiss men

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Reviewer: Fernando Rodríguez-Artalejo

Reviewer's report:

This manuscript examines the cross-sectional association between several categories of self-reported body mass index and sub-average physical and mental health-related quality of life (HRQL) in a large sample of young Swiss men. As expected, compared with normal weight, underweight, overweight and obesity were associated with worse physical HRQL. Unexpectedly, obesity was linked to better mental HRQL, and authors examined different potential explanations for this finding.

The manuscript is well written, methods are correct overall, and the limitations of the study are appropriately acknowledged.

This manuscript can be improved if authors attend the following (MINOR) comments:

a) In the abstract, please report some quantitative information (odds ratio and 95% confidence interval) for the main study associations.

b) In Methods, please report the consent rate among those invited to participate in the study.

c) In the Discussion, please comment on the clinical significance of the observed associations.

d) In the Discussion, please comment on the validity of the questions to assess risk single occasion drinking and cannabis use.

e) In table 2, report the absolute number of individuals (rather the percentage) in the second and fifth columns of the table.

Level of interest: An article whose findings are important to those with closely related research interests

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'