

# Review of: "The Impact of physical exercise and alcohol conditions on self-reported health among cancer patients? An analysis of the Health Information National Trends Survey 2019"

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Potential competing interests: No potential competing interests to declare.

The paper describes the author's analysis of the impact of physical exercise and alcohol conditions on self-reported health among cancer patients through the review and partial analysis of the Health Information National Trends Survey from the USA in 2019. At first view, the paper appears to be interesting, but it has various details to attend:

1. A native English language style reviewer must review the entire manuscript. The paper is challenging to read because it is not written with enough fluency and coherency. The redaction needs to be clarified.
2. The way to qualify the variables realize physical exercise and alcohol consumption has various deficiencies, such as the authors did not define the type of exercise or the duration (aerobic, resistance, minutes per day or week), or de alcohol consumption in milliliters or their effect concerning the need of extra support in an addiction program.
3. The statistical analysis defines the significance with a p-value  $<0.1$ , and this cutoff is not standardized and accepted worldwide in biological and medical scientific reports.
4. When the authors present their results, they report marginal OR, but again OR or RR below 1 or -1 are not considered significant, and their confidence interval includes them.
5. How the authors describe the statistical analysis and present the results is unconventional and needs to be standardized and conventionally accepted. Their findings do not support their discussion or conclusion in a clinical and epidemiological context.
6. The title and objective of the paper are interesting, but the manuscript requires major changes before being considered for publishing.