

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 topic of the manuscript is important for the scientific community, given that there are not enough studies that test the effects of physical activity and alcohol use on cancer patients' self-reported health. Nonetheless, there is not enough information that supports this topic, being redundant in the facts that are already known and not developing certain variables, such as the type of exercise or the duration (aerobic, resistance, minutes per day or week), or the alcohol consumption in milliliters or their impact regarding the need for additional support in an addiction program, reason why there are several aspects to pay attention to.
- The title of the article is suitable for the objective and the results that the manuscript includes.
- The abstract of the article has into account the introduction, methods, results, and conclusion of the manuscript, being comprehensive and explicit enough for the reader to understand what the article is about.
- The manuscript is divided into different sections which give structure to the information included and makes each point understandable for the readers.
- The manuscript is scientifically correct and uses a complex and relevant topic nowadays, as a review and partial analysis of the Health Information National Trends Survey from the USA in 2019. Nevertheless, the entire text must be reviewed by a native English speaker for style. The lack of fluidity and coherence in the writing makes the paper difficult to read. Clarification is required for the redaction.
- The statistical analysis establishes significance with a p-value of 0.1, although this threshold is not universally recognized or accepted in biological and medical research papers.
- When the authors present their findings, they report marginal OR, but once more, OR or RR below 1 or -1 are not regarded as significant, and their confidence range encompasses them.
- The way that the authors describe the statistical analysis and present the results has to be standardized and recognized as a common practice because it is unorthodox. In a clinical and epidemiological setting, their data don't support their discussion or conclusion.
- The paper's title and goal are intriguing, but significant revisions are needed before the work can be considered for publication. I suggest including more information about the type of exercise and the duration, the alcohol consumption in milliliters, or their impact regarding the need for additional support that gives a more direct orientation on how there's an association between the aspects mentioned before and how they have an impact on patients' health, as well as

modifying the calculation for the results, given that the statistical analysis could be presented in a clearer and more scientifically accepted way.