

Review of: "Evaluation of Chemical Content and Phytochemical Composition of Yemeni Almond Cultivars"

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Potential competing interests: No potential competing interests to declare.

The article titled "Evaluation of Chemical Content and Phytochemical Composition of Yemeni Almond Cultivars" possesses the potential for consideration for publication in the Qeios journal after addressing the major revisions indicated below.

1. The citations should be updated to reflect recent and similar research, thus showing the work's state-of-the-art. The author may browse via Google Scholar to get related articles that are more recent.
2. Grammatical structure of the manuscript should be seriously updated. If the author is not a native English speaker, assistance from one should be sought.
3. This statement in the Introduction: "Consuming almonds regularly has many health benefits, especially for heart disease, obesity, high blood pressure, and diabetes (Davide et al, 2020), in addition to having an antioxidant effect for cancer and atherosclerosis (Ivo et al, 2020), and plays a role in enhancing immunity and anti-inflammatory properties (Rabadán et al, 2019)," should be recast as: "Consuming almonds regularly has many benefits for heart health and potentials for prevention of diseases such as obesity, high blood pressure, and diabetes (Davide et al, 2020), in addition to having an antioxidant effect against cancer and atherosclerosis (Ivo et al, 2020). It also plays a role in enhancing immunity and anti-inflammatory properties (Rabadán et al, 2019)."
4. Fig.1 is a picture and should rather be presented as "Plate 1," and the presenting text should read: "The pictures of the local cultivars of almond nuts used in this work are presented in Plate 1."
5. The "Results and Discussion" section should be thoroughly reworked, and more statistical language should be used to relate the samples to the results, since the data was statistically analysed. For example, statements like: "almond A is significantly ($p < 0.05$) different from almond B," Or "A significant ($p < 0.05$) difference existed among the almond cultivars," Or "There is no significant ($p > 0.05$) correlation between the almond cultivars," etc., are some of the statistical expressions of the relationships that could exist between the samples based on the statistical results.
6. Implications of the results should be discussed and generally compared with fewer literature.
7. Add "(%)" after the word "content" in the title of Table 2 and delete the unit from the parameters in the table.
8. Tables 3 and 4 should be merged.
9. Correct the spelling of "yeild" as "yield" in Table 5 and include the unit of measurement.
10. The conclusion should be shortened and concise and not just a repetition of the discussion.

