

Review of: "Consumption of Beverage among Secondary and Intermediate Students in Riyadh Schools, Saudi Arabia: A Cross-Sectional Study"

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Potential competing interests: No potential competing interests to declare.

The article is interesting; it addresses one of the problems that must be solved shortly, given the climate situation. The need for good hydration for correct biological functioning is essential. However, the writing needs some better work.

Introduction: The problem is described from many perspectives. Advise the authors to limit themselves to the elements of the evaluation and express the objective or hypothesis in the introduction. When reviewing the introduction, it would seem that the authors will make some improvement between illness and dehydration or the amount of water and temperature changes, or this is not the case.

II. Materials and Methods: a) It is important to explain the questionnaire's items, especially in the consumer device. There are many consumer habits questionnaires that are validated and can be adapted to an online questionnaire. b) The consumption evaluated is during the school day or all day. Parents must wait to respond for the work day (the parent may respond to the questionnaire and not the son or daughter). c) the statistics are descriptive only with a significance for t-student. The t-student comparative analysis needs a normality test on the data beforehand.

III. Results: Verify that the decimals are the same for everyone. Some data has 3, others two decimals. Suggestions. Carry out an analysis of the effect of gender or age on the Consumption of different beverages. Another is to perform an odds ratio between adequate and non-adequate Consumption and gender age, among others. If there is any other element that could enrich the analysis, it would no longer be descriptive.