

Peer Review

# Review of: "Food Safety and Dietary Practices in Adult Individuals of Nadiad District"

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The methodology section is currently too brief to allow for replication. Key details are missing, including the human ethics approval number, the model or framework used to develop and analyze the questionnaire, and a clear description of the statistical analyses employed, preventing a clear understanding of how the data was processed and interpreted. In addition, the section needs to be expanded to provide comprehensive details on the questionnaire development process, the procedures used for observation, and the protocol for the semi-structured interviews. These crucial details are essential for evaluating the study's validity and allowing future researchers to build upon this work.

The Results and Discussion section requires significant strengthening. The presented findings appear to lack thorough analysis and interpretation. Crucially, there is no mention of how the data was normalized, and the significance levels used for statistical inference are not stated. Consider including measures of dispersion like standard deviation (SD) or standard error of the mean (SEM) to quantify the variability within groups. For comparing the means of different groups, the authors could also utilize common statistical tests such as t-tests (for comparing two groups) or ANOVA (Analysis of Variance, for comparing three or more groups).

Furthermore, the bar graphs are minimally presented and would benefit significantly from the inclusion of error bars (standard deviation or standard error) to indicate data variability. The inconsistency in the format of the pie charts also detracts from the clarity and professionalism of the presentation.

Overall, based on my review, this manuscript in its current form is not suitable for publication. It requires major revisions and a more thorough analysis to demonstrate a significant impact on the field of study.

## **Declarations**

**Potential competing interests:** No potential competing interests to declare.