

Weight Loss for Obese Adults-Data Analysis

Author's name

Institution

Weight Loss for Obese Adults-Data Analysis

Much of the data collected for towards the project will come from direct observation of the test subjects: the obese adult patient. **Quantitative** is the primary source of information on matters regarding diet habits and subjects' participation in physical activities and how their effect on weight reduction. My project will employ **Statistical Package for Social Science (SPSS)** as a plan for analysis data obtained by way of questionnaire. The data will be reduced from large and messy raw data to manageable summary data to present a better understanding and interpretation of the data.

Data obtained from interviews and interview transcript will require a process that entails content analysis that will present identification of key patterns and themes regarding weight loss for obese adults.

Analysis of Demographic Variables

The variables will be analyzed using the Univariate data-analyzing plan. The plan entails three major characteristics **namely distribution, the central tendency, and the dispersion.** In the distribution part, the analysis will consider weight loss reduction in the context of whether the subjects are male or female, on their ages as well as grouping depending on the dietary intervention method. Central tendency will focus on the reduced weight reduction objectives by

~~calculating the mean, median, and mode of the~~ weight lost among the members of the test subjects group.

Analysis of Study Variables

The study group selected represents the population, therefore, the need for useful analysis of the inferential statistics ~~obtained from the study. This data will be compared with estimated~~ ~~parameters followed by testing of the hypothetical statistics pertinent to the project. During the~~ ~~analysis, it will be worth to ensure that the sample from which the data was collected must be~~ ~~representative and existence of Interval/Ratio measurement levels.~~

References

Facione, N. C., & Facione, P. A. (2014). *Critical thinking assessment in nursing education program: An integrative data analysis*. Millers, CA: California Academic Press.

In Da, C. M. (2019). *Integrative data analysis: Qualitative design and methods in nursing*.