Evaluator Name October Hudley

Project being evaluated\_#2\_Stats Reference Website: <https://sites.google.com/site/statsreference/home>

1. Grade the project for the “general” category on the rubric. (Assign your point value between 0 & 10). Explain your rational as you see fit.

 According to the General Category of the Rubric, the website must contain at least 5 pages of details of 5 separate statistical concepts. Group 2 earned a score of 10 because they met all the criteria according to the rubric. The following pages consist of the following statistical topics; Descriptive Statistics, Mean, Median, and Mode, Standard Deviation, One Sample Chi-Square Test, Z –test and Independent t-test. The group also included a reference page to site information used to construct the website. The presenters provided documents that complimented the scenarios.

1. Grade the project for the “components” category on the rubric. (Assign your point value between 0 & 15). Explain your rational as you see fit.

 In order to receive 15 points on the rubric, the requirements consist of high quality in written concepts, videos, and scenarios must be displayed. The statistic website of Group 2 proficiently exemplified the requested criteria. Hence the reason Group 2 has been assigned a point value of 15.

 Although in my opinion, Group 2 did an outstanding job, I would like to offer a few suggestions.
The definitions of the words mean, median, and mode were clearly addressed and the related visuals were effective. I concur with results, for winners, *M*=170.26, *Mdn*= 157.00. According to APA the abbreviation for Median is *Mdn*. I would suggest a demonstration on how to calculate a data set using excel within the video. The SPSS showing the data and final report was clearly explained. I agree with the For someone who may not be familiar with inputting the data, a demonstration showing step by step would assist one on how to use the SPSS program.

 The definition of Standard Deviation was simple and straight to the point. The bar graph was an excellent visual depicting the outcome of the data set. The website entitled, “Math is Fun Advanced”, showed steps on how to calculate the variance. The presenter reported in the results, “The average pounds lost is 170.31 and SD is 48.40.”According to APA style, when reporting the results, italicized the letter *M* to represent the mean, and *SD* for standard deviation. For example, the contestant of the show (*M=*170.31*, SD* 48.40) demonstrates the pounds lost on The Biggest Loser.

 The Video, One Sample Chi-Test clearly defined the statistical concept. The video also offered a demonstration how to calculate the data using excel. I would suggest to center the video on the website in order to have full access.

 The presenter gave a clear definition of a One-Sample Z-Test.in the video. As a suggestion, include the label, ”Table 1” in the summary. The SPSS table analyzing the data should also be labeled. For example, As shown in Table 1, the Z-test statistics is – 48 is greater than the critical value of –z+-1.645, the Z- test statistic does not lie in the critical (i.e. rejection) region under the standard normal curve.

 Independent T-Test was clearly defined in the video. The step by step demonstration how to use SPSS according to the scenario was a plus. Suggestion to interpret the outcome, “There was a significant difference between samples based on the outcome of the significance (2-tailed).

1. Explain any comments, concerns, or issues that you experienced with this project. (This can be as detailed as you would like).

 Group 2 did an outstanding job on their presentation. The videos, attachments of documents were readily accessible. The group also provided scenarios that were relevant to the required assignment. The group clearly understood the basic concepts of statistics. Suggestion, a bio with photo added would give a personal touch on the website.