Table 1.

T-test for difference in assisting child with the amount that the parental figure communicates with the teachers at Headstart.

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| --- | --- | --- |
| Communication | Mean | P-value |
| Group 1 (Daily or More) | 6.4 | .1762 |
| Group 2 (Weekly) | 7 |  |

Note, p<.05\* ,p<.01\*\*, p<.001\*\*\*

Research Hypothesis= There is significant difference between the means.

Null Hypothesis= There is no significant difference between the means.

The research hypothesis is what we are aiming to find, if the p-value is less than the alpha levels then we reject the null hypothesis, retaining the research hypothesis. If the p-value is greater than the alpha levels we reject the research hypothesis, retaining the null hypothesis.

For this T-Test the dependent variable used was how much the parental figure assisted the child on the at home project (v6). The independent variable used was how much the parental figure communicated with the teachers at Headstart (v34). When performing the T-test it is noted that group one is the group of parental figures that communicate with the teachers at head start daily or more, while group 2 is the group of parental figures who communicate with the teachers at head start on a weekly basis. The mean for these groups is based off the continuous variable of how much the parental figure assisted the child on the send home activities on a scale of 1-10. The mean for group one of communicating daily or more was a 6.4, this shows that on average parental figures who communicate with the teachers at head start daily or more had to assist on the send home activity a moderate amount. The mean for group two of communicating with the teachers at head start on a weekly basis was 7.0, this shows that the parental figure also assisted a moderate amount on the send home activities as well. The p-value for the T-test returned as a .1762. When comparing to the alpha levels of .05, .01, and .001 the calculated p-value was higher than each of the three. This concludes that since the p-value was higher than each of the alpha levels we will retain the null hypothesis stating that there no significance between the means of group one and group two.