Table 2:

*ANOVA of Amount of Time Needed by Child/Children Completing the Activity by the Level of Family Enjoyment*

 Time (min) Mean Standard Deviation Sum of Squares Mean of Squares F-Value

 0-10 min 8.6 1.8 15.6 15.6 0.01\*

11-20 min 8.6 2.5

21-30 min 9.9 0.3

30+ min 10.0 0.0

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

In the results in table 2, it shows the difference between the variances of level of enjoyment with the amount of time it took the child/children to complete the activity. The coding of level of enjoyment was, *on a scale from 0-10, how much did your family enjoy this activity?* The amount of time it took the child/children to complete the activity was coded as, *how long did it take you and your child/children to complete the activity?* After completing an analysis of variance on the parent data, it was found that there was a higher mean of 10 in respondents who took longer than 30 minutes to complete the activity whereas the mean was only 8.6 for respondents who took between either 0-10 or 11-20 minutes to complete the activity. In the table, it was also found that the sum of squares and the mean of squares was the same at 15.6. In relation to the p-value, it can be determined that there is significant difference between the means as our calculated p-value of 0.01 is <.05.