**ANOVA**

Table 2:

*ANOVA of Family Enjoyment of The Animal Dice Activity and The Time It Took the Families to Complete the Animal Dice Activity*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* Mean Standard Deviation Sum of Squares Mean of Squares F-Value

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Family Enjoyment 9.3 1.6 15.6 15.6 7.0172

Measured Time 2.5 1.1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

The information contained in the above APA table was pulled from an ANOVA that had been ran in RStudio between two variables. The dependent variable was the amount of enjoyment the families received from the Animal Dice Activity. The independent variable was the amount of time it took the child/children to complete the Animal Dice Activity. The F-value is 7.0172 and the P-value is 0.0116. Since, .0116 is less than .05 there is a significant difference between the means. This means there is significant difference between the amount of family enjoyment and the time it took for the child/children to complete the Animal Dice Activity.