Table 2

Analysis of Variance (ANOVA) of child engagement by age of child

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| --- | --- | --- |
| Age of Child | Mean Engagement | F-value |
| 3 years old | 6.5 | 11.38 |
| 4 years old | 7.0 |  |
| 5 years old |  8.5 |   |

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

The dependent variable for this ANOVA was asking the parents if their child was able to complete the task at hand, which was putting colored beads on string. The answer choices were “yes on their own”, “yes with help”, “no” and “unsure”. The independent variable for this ANOVA age of child. Respondents chose either, “3 years old”, “4 years old”, or “5 years old”. The mean engagement for “3 years old” and if the child could do the task on their own was 6.5. The mean engagement for “4 years old” and if the child could do the task on their own was 7.0. The mean engagement for “5 years old” and if the child could do the task on their own was 8.5. According to the ANOVA results (F=11.38) there is no significant different between these means. Therefore, the age of the child did not influence of the child could thread the beads.