Table 4

Chi Squared

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Did your child thread the beads? | How old is your child? |  |  |  |
|  | 3 years old | 4 years old | 5 years old | X^2 statistic |
| no | 0 | 0 | 0 | 44.55 |
| yes | 54 | 27 | 0 |  |

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

The dependent variable for this chi squared test 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”. I recoded the answer choices from “yes on their own” and “yes with help” to “yes” and “no” and “unsure” to “no”. The independent variable for this test was age of child. Respondents chose either, “3 years old”, “4 years old”, or “5 years old”. This variable was not recoded. 54 children that were 3 years old were able to thread the beads. 27 children that were 4 years old were able to thread the beads. I did not have any 5 years olds. No children ages 3 or 4 years old were not able to thread the beads. The chi squared statistic came out to be 44.55.