Table 1

*Two-Way Chi-Squared Test of the Time it Took a Child to Complete the Thankful Turkey Activity Based on if the Child has Previously Participated in a Similar Activity*

Cells Observed Expected Chi-Square Degree of Freedom

20 Minutes or Less/Yes 5 3.6 17.7\*\*\* 2

20 Minutes or Less/No 7 8.4

21 Minutes or More/Yes 6 7.4

21 Minutes or More/No 19 17.6

*Note:* The answer “unsure” for the question, “has your child participated in an activity like this before?” was omitted.

 Table 1 shows the correlation between the independent variable “has your child participated in an activity like this before?” and the dependent variable, the amount of time it took for the child to complete (20 minutes or less and 21 minutes or more). The calculated chi-square value was greater than the given chi-square value at the critical level of 0.001, making the means of the two groups significantly different. The data show that individuals who have no prior experience with the activity are more likely to take longer completing the activity than those with experience. Further, the respondents in this dataset showed and even stronger correlation than what was expected.