Table 3

*Chi-Squared Test of Participation Similarity by Improved Child’s/Children’s Relationship*

Improved Relationship Yes No P-Value

Not at all 1 5 0.08

Very much 11 20

*Note: X-Squared=21.804, df=14. p<.05\*, p<.01 \*\*, p<.001\*\*\**

The Chi-Squared Test results were calculated by using Rstudio (integrated development environment used for statistical computing and graphics). Shown in the table above, the variables used for the Chi-Squared Test was participation similarity by improved child’s/children’s relationship. The questions were coded as: *has your child/children ever participated in an activity to this one in the past? On a scale from 0-10, how much did this activity help to improve you and your child’s/children’s relationship? (0=Not at all, 10=Very much).* Given the calculated results, which thus show for there to be a X-Squared of 21.804 and a P-Value of 0.08, we will reject the null hypothesis. There is a significant difference at the p<.05 level given that 21.804>0.08, which proved for there to be a significant improvement of the relationship between the parent and child/children.