Abstract
The purpose of the study is to investigate if there is a difference between the performance results of the gymnasts receiving and not receiving modern dance education which is applied to the rhythmic gymnasts in the category of baby. The experimental group includes 10 rhythmic gymnasts competing in the category of baby in Antalyaspor Club with 8.50 ±1 age, 1.16± 0.4 height, and 22.7±3.3 weight average. The control group consists of 10 rhythmic gymnasts competing in the category of baby in Antalyaspor Club with 8.10 ±1.2 age, 1.19± 0.3 height, and 21.8±2.4 weight average. Before the study, the gymnasts and their parents were informed about the aim, the title and the content of the study, and they were also asked for permission. The participants in this study are 20 licensed rhythmic gymnasts competing in the category of baby in Antalyaspor Club. The gymnasts were divided into two groups: experimental and control. All of the modern dance education applied to 10 gymnasts in the experimental group was given in Rhythmic Gymnastics School in Antalya city centre. The modern dance education was regularly given by a professional choreograph an hour twice a week, in total of 10 weeks, 20 days and 20 hours. The arithmetic average and the descriptive statistics of all the data found as a result of the measurements were calculated, and the statistical analysis of the data were examined using Independent T- Test in SPSS, and it was accepted meaningful with the significance level of p<0.05. According to the findings, it has been found that modern dance education has a positive effect on the contest results. To sum up, it has been concluded that there is a statistically positive and meaningful correlation between the success of rhythmic gymnasts receiving and not receiving modern dance education. It has been proved that the performance success of the rhythmic gymnasts receiving modern dance education has been increasing. Thus, including modern dance education in rhythmic gymnastics training is thought to affect the gymnasts' success in a positive way.

Key Words: Rhythmic gymnastic, Modern dance, Performance.