

## **Research of Aggressive States of Student Athlete Participating in Inter High School Competitions\***

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**ABSTRACT** The research is aimed at finding out aggressive states of athletes student participating in the inter-high school competitions and to determine the relationship between sport and aggressiveness in many aspects as well. The data comprises 490 student athletes from 26 high schools participating in the inter high school competitions in the academic year 2013-2014 in Rize. The random cluster sampling method was used. Personal Information Form (PIF) developed by the researcher and Aggressiveness Inventory (AI) developed by Ipek Ilter (Kiper) were used as data collection tools. Regarding the distribution of data, primary normality test (Kolmogorow-Smirnov D test) was applied. Distribution of the student athletes and their percentages were determined through descriptive statistics. In comparing aggressiveness states according to variables such as gender, type of school and sport of student athletes, Independent Sample t test was applied at  $\alpha=0.05$  significance level. In comparing aggressiveness states according to age variable (4 groups), One Way ANOVA was applied at  $\alpha=0.05$  significance level. Tukey HSD, a second-level test, was used for differences between groups found significant. Microsoft Excel 2003 was used to input data into the computer and to draw graph; SPSS 20.0 was used to analyse data. As a result of the analyses, according to variables such as age, gender, type of school and sport of student athletes, significant differences were detected at all sub-dimension aggressiveness scores except assertiveness.