**ABSTRACT**

**SAUT SAHPUTRA SINAGA.** The Uses of Canonical Analysis to Know The Pattern of Relationship among Scores Of National Exam, Scores of School Exam, and Progress Report (Case Study at SMA Budhi Warman II Jakarta).

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Several previous studies about Scores Of National Exam concluded that Scores of School Exam and Progress Report were the factors that influence Scores Of National Exam. It makes the writer interested in knowing the pattern of relationship among Scores Of National Exam, Scores of School Exam and Progress Report. The method can investigate the relationship of two set of data namely the analysis of canonical variables. Canonical analysis is a statistical technique that can be used to identify the relationship between the two set variables with the principle of forming a linear combination of each set variables so that the correlation between the two sets of these variables into a maximum. This study used primary and secondary data obtained from SMA Budhi Warman 2 Jakarta. Canonical analysis is used to look at the pattern of the relationship among Scores Of National Exam, the Scores of School Exam and Progress Report. Based on the results, it was obtained that only one canonical function that was significantly correlated between Scores Of National Exam and Progress Report with $R^2$ canonical correlation was 32%. In this relationship, scores of Physics National Exam was a set of variable that most influence to the first canonical function and Scores of English progress Report was a set of variable that most influence to the first canonical function. Besides that, the correlation between Scores Of National Exam and Progress Report Non UN was not significantly correlated. Then, it resulted that there were two significant canonical function in relationship between Scores Of National Exam and Scores of School Exam with $R^2$ canonical correlation was 31% and 28%. In the first canonical, the most influence were scores of Biology National Exam and Physics Progress Report. While on the second canonical function, it was the scores of Physics National exam and Indonesian Language Progress Report.

**Keywords:** Canonical Analysis, Scores of National Exam, scores of School Exam, Progress Report