

## **ABSTRAC**

DENISE SUGARAY, flexibility Relationships And Hand Eye Coordination Against Passing Accuracy Down KU-18 Men's Volleyball Viking Bajatara. Essay. Concentration of Sports Coaching Study Program, Faculty of Sport Science, State University of Jakarta, in July 2016.

The purpose of this study was to determine: 1) the relationship of flexibility with precision passing below, 2) the relationship of hand-eye coordination with precision passing under and 3) know Relations flexibility and coordination Eye-hand Against The precision passing under KU-18 Men's Volleyball Viking Bajatara.

This research was conducted beginning in May 9, 2016 until June 19, 2016. Data were collected in various places for data retrieval flexibility implemented in the laboratory of the Faculty of Sport Sciences University Jakarta district, eye-hand coordination carried out in the Laboratory of the Faculty of Sport Sciences, State University of Jakarta, Jalan Pemuda No. .10 Rawamangun, East Jakarta. The precision passing data retrieval results under the Youth Center held in North Jakarta, using descriptive method with correlation studies. Samples taken in this study as many as 12 people taken from a population of 35 people using random sampling techniques, ie by lottery or random. Retrieving data using flexibility tests using the Sit and reach. Data retrieval tests hand-eye coordination with Svt tool. The accuracy of the results of the test data retrieval passing under a format approval ratings compiled by expert lecturers. Statistical analysis technique used is the technique of simple correlation and multiple correlation followed by t test at significance level  $\alpha$  of 0.05.

The results of the research data indicates that: (1) there is a relationship between eye-hand coordination with passing accuracy as below, with a linear line equation =  $3.2 + 4.86$ , correlation coefficient ( $r_{y1}$ ) = 0.35 and coefficient of determination ( $r_{y2}^2$ ) = 0.1225, ( $\alpha$  = 0.05) and the coefficient of determination is 12.25, which means the number of donations is 12.25%, (2) There is a positive relationship between flexibility with lower passing accuracy results, with a linear line equation =  $7.118 + 0,014 X_2$ , the correlation coefficient ( $r_{y2}$ ) = 0.42 and coefficient of determination ( $r_{y2}^2$ ) = 0.1764 ( $\alpha$  = 0.05) and the coefficient of determination 17.64, means the contribution amount is 17.64%, (3) there is a relationship which means between flexibility and hand-eye coordination with passing accuracy results below, with a linear line equation  $Y = 25.5 + 0.17 + 0.32$ ,  $R_{y1-2}$  correlation coefficient = 0.68 and coefficient of determination ( $R_{y1-2}^2$ ) = 0.4624, ( $\alpha$  = 0.05), and the coefficient of determination 46.24, meaning the number of sumbanganya is 46.24%.