

ABSTRACT

FAHREZA ABDI SETIA. 2025. *The Relationship of Wrist Flexibility and Hand Eye Coordination with Short Service Stroke Results in Badminton Extracurricular Students of Senior High School 10 Tasikmalaya*. Department of Physical Education, Faculty of Teacher Training and Education, Siliwangi University Tasikmalaya.

This study aims to determine the relationship between wrist flexibility, hand-eye coordination with the results of short service strokes in badminton games, as well as the relationship between wrist flexibility and hand-eye coordination together with the results of short service strokes in badminton games in badminton extracurricular students at Senior High School 10 Tasikmalaya. This study uses a quantitative descriptive method. Sampling was done using purposive sampling. The research sample consisted of 15 students who participated in badminton extracurricular activities. Based on statistical tests, data was obtained $t_{hitung} = 3,37$ bigger than $t_{tabel} = 2,17$, and $r = 0,62$ with a strong relationship category, for the second hypothesis it is supported by $t_{hitung} = 5,33$ bigger then $t_{tabel} = 2,17$, and $r = 0,72$ with a strong relationship category and the third hypothesis is supported by $F_{hitung} = 7$ bigger then $F_{tabel} = 3,88$, dan $r = 0,73$ with the strong relationship category. The results of the study showed that there was a significant relationship between wrist flexibility and the results of short service strokes, there was a significant relationship between hand-eye coordination and the results of short service strokes and there was a significant relationship between wrist flexibility and hand-eye coordination and the results of short service strokes in badminton games.

Keywords : *Badminton, Flexibility, Wrist, Hand Eye Coordination, and Short Serve*