

## **ABSTRACT**

Wilden Maulana, 2023, *Contribution of Leg Muscle Power and Arm Muscle Power to Spike Results in Volleyball*, Department of Physical Education, Faculty of Education, Siliwangi University, Tasikmalaya.

*The purpose of this study was to obtain information about the contribution of leg muscle power and arm muscle power to spike results in volleyball games for Members of the Tunas Harapan Volleyball Club, Tasikmalaya City. The research method used was a descriptive method and the instruments in this study were the vertical jump test, the medicine over head throw test and the spike test in volleyball games. The population and sample in this study were members of the Tunas Harapan Volleyball Club, Tasikmalaya City, as many as 30 people using a purposive sampling technique to 20 people with the criteria, the sample must be proficient in the spike technique. Based on the results of data processing with statistical tests, it turns out that empirically leg muscle power has a significant contribution to the spike results, where the correlation value is 0.55 and is included in the moderate category, then leg muscle power has a significant contribution to the spike results, with a correlation value of 0.56 and included in the sufficient category. Meanwhile, between arm muscle power and leg muscle power has a very low correlation, where the correlation value is 0.06.*

**Keyword:** *leg muscle power, arm muscle power, spike, volleyball*