



## **The Level of Ability of Basic *Backhand* Short Serve Techniques in Badminton Learning**

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### ***Abstract***

The purpose of this study was to determine the ability of students to perform a short backhand serve in badminton learning. This study uses a quantitative descriptive method using measurements and tests used in data collection. The population of this study were all third-level students at STKIP Pasundan with a total of 300 and sampling using cluster random sampling with a total of 45 people. The results of the study were 12 people in the excellent category with a total percentage of 27%, while 31 people got the good category with a percentage of 69% and 2 people got the less category with a total percentage of 4%..

**Keywords:** Badminton, Short Serve, Student

### ***INTRODUCTION***

Badminton is one of branch sport Very popular and numerous games popular with people in Indonesia, even throughout the world (Sanjaya, 2017). Badminton is sports that require speed, agility, concentration, and skill good technical skills ( Arnando et al., 2022; Hadi & Habibi, 2018). Badminton is game one person fights one person or two people against two people (Cendra, Gazali, & Dermawan, 2019). Game goal This is hit the shuttlecock past net net to fall on the field game fight and try prevent against return the shuttlecock (Nandika, Hadi, & Ridho, 2017). From several type blow the, blow service is the most important studied and trained Because initially something match or game started with blow service.

A research conducted that service is technique the main thing is to do it learned by the players badminton For start game (Rambitan, 2022). Additionally, in game badminton, serve divided into two types, including service short and serve long. Short serve is movement the start made with method hit the shuttlecock with direction fall approach the net (Setiawan & Dermawan, 2014), and serve long is movement the usual prefix done with

use a forehand shot where the shuttlecock soars to up and down away from the net (Rubiyatno & Suryadi, 2022).

Physical Education, Sports and Health Study Program has curriculum which among other things makes branches sport become eye college, something is included into the eye studying mandatory and there are also eyes studying options. all that must completed by male and female students study program education sport For get title bachelor . In line with that is , teaching physical education at universities in China, has emphasis on learning Skills separation and mastery technical (Guoyong, Wang, Zhai, Wang, & Lu, 2015) (Zuo & Zhou, 2005). In China, it is mandatory for prospective teachers For participate in various branch sport during year first and second study period them , incl athletics , basketball, football , volleyball , fur parrying, dancing, and defending self .

It's successful somebody in do service short, required exercise special in a way Keep going continuously. In a exercise must done in a way over and over again with increase resistance ( load ) use increase strength and power stand necessary muscles (Destriana, 2018). Practice is required For can increase Skills service short badminton with Good . How to do it see extent of improvement Skills service short badminton somebody that is with carry out test. But on the results research that has been done Still Not yet maximum in do technique base badminton like method hold racket not enough right, poor foot position appropriate moment do service, contact of the shuttlecock with racket moment do service not enough right, and how do service not enough accurate, because the shuttlecock was hit too hard so the shuttlecock will go out or the shuttlecock is hit too weak so the shuttlecock will bear it, so against will easy do attack (Haerun, 2020).

Test as data collection is series questions/exercises used For measure Skills knowledge, intelligence, ability, or the talent you have individual (Zhannisa & Sugiyanto, 2015). Based on understanding that, you can concluded that test is as tool gauge have various meanings, one of them test is one of the tool measuring For measure ability seesomeone. Likewise deep study this, deep see level abilities possessed by students so done test service short badminton.

Based on explanation on so concluded ability play badminton is ability somebody in play badminton where needed skills good basis so that capable do blow with Good in condition and position of the shuttlecock anywhere. Service technique is techniques taught to students taking part lecture badminton basics, especially in the eyes studying badminton base. Service technique is suitable technique given to new child Study play badminton.

In study technique service there is a number of phase necessary movements controlled by the player. This done so that players badminton capable control movement

technique service with good. Phases movement technique service including position body, leg position, movement hands and movements coordination . If student capable control phases movement the with Good so Skills services provided by students the will get results good, too.

The results of observations obtained by researchers are that in learning eye studying badminton Still Not yet is known how much big level ability students who do error nor students who do technique service in a way good and right. So from that, for see results from learning service in badminton , researcher want to measure how much big level ability students who have given material technique service badminton. From the results that have been obtained so will made material evaluation in learning eye studying badminton.

See statement on researcher interested For do something study about t level ability technique base service short backhand inside learning badminton . Expected through study This can see ability services provided by students and the extent of quality service they.

## ***METHOD***

Study This is is study descriptive with use method survey that uses form test measurement service short badminton . Subject in study This is STKIP Pasundan students who took part learning subject badminton numbering 45 people. Retrieval technique sample in study this use total sampling technique with take whole sample .

For obtain internal data study this , that is with do test ability service namely : test ability service short, refer from book from James Poole (2013, p. 25). According to Scott-Fox ( in Nur Ichsan Halim and Khairil Anwar's book 2011, p. 17) its validity amounted to 0.54 whereas its reliability use method even odd of 0.77 . The goal is For know level ability service badminton backhand STKIP Pasundan students . For manage data regarding Skills service student Descriptive Test is used in SPSS software.

## ***RESULTS AND DISCUSSION***

Study This carried out on middle school students follow learning eye studying badminton. Based on large amount of data collection the sample as many as 45 people, then the data was analyzed use statistics descriptive. From the results measurements that have been made carried out on STKIP Pasundan students , apparently of the 45 students who were selected sample, 12 students get category Good very or percentage by 27%, 31 students get category Good or percentage 69%, and 2 students get category not enough or as big as percentage 4%.

Table 1. Skill level categories service short backhand student

No	Range score	Category	Amount Participant	Percentage
1	30 to 40	Very well	12	27%
2	10 to 39	Good	31	69%
3	11 to 20	Not enough	2	4%
4	1 to 10	Very less	-	-
Amount			45	100%

Based on analysis Skills service short badminton for STKIP Pasundan students , from into 4 categories Skills service short badminton , value most in the category Good namely 31 people, then can concluded Skills service short badminton for STKIP Pasundan students categorized as Good . As for still There is students who get category not enough as much 2 people, p This show that they own level more performance low compared to with included students in category high ( Haerun et al., 2020; Purwanto et al., 2023). However , they Still own potency For increase performance they with appropriate effort .

Measurement descriptive variable This need done For see overview of the data general like average value (mean), maximum value , minimum value and standard deviation of variable . About Statistical Test results Descriptive study can seen under This :

Table 2. Descriptive Test Results service short badminton backhand

	N	Minimum	Maximum	Mean	Std. Deviation
Short Service	45	17.00	36.00	27.0889	4.62121
Valid N (listwise)	45				

Based on Descriptive Test results f on can We describe distribution of data obtained by researchers . the data that is Amount participants (N) 45 people, the average value is 27.0889, the maximum value is 36, the minimum value is 17 and the standard deviation of variable 4.62121.

Service is one of them technique base in game Badminton is very important and must be mastered with good by every player (Sadzali, 2023). Service is blow The first thing

done by someone player after points started . If service done with OK , player can start points with big profits and take initiative in game .

STKIP Pasundan student Still many do service short on categories medium , some things and factors the cause is study or data retrieval only done one time so not enough can describe actual situation , For know actual situation possibility taking done more from one time. From known data Still There is students only get category not enough as many as 2 people, because blow service performed not enough perfect from 10 strokes only 7 times did it cross the net and fall on the scoring field only reached 11. Additionally There is a number of influencing factors, such as condition physique. Condition physical here like flexibility and accuracy. One of method For learn or increase Skills certain is activity learning or Skills the must done in a way consistent in period adequate time. Skills the new can mastered or obtained If activity the done in a way consistent. Skills possessed every person is also different depending on the method they learning, character them, and the environment they.

In acquisition results study this, researcher will do evaluation related with learning badminton especially in technique service short, so that in the future come learning badminton will more effective and possible delivered with optimal. As for on stage next, party related can do analysis more deep to influencing factors performance students, like method learning used, level motivation, environment learning, and support academic (Aryanti et al., 2021; Irawan & Supriyanto, 2020). With understand factors this, institution education can designing appropriate intervention For increase performance student in a way overall (Awwal, 2019; Haerun et al., 2020).

Category students medium and low in implementation test Skills service short need attention special For more increase practice to get it achieved good abilities. Service training short need given more Lots to category of students medium and low order skills service in short more increase. With Skills increased service expected game badminton also experienced enhancement. Meanwhile, students in the category tall need improved Again practice to achieve it more skills Good Again.

Skills possessed will help student repair technique still basic not enough . Skills technique basics you have student This will help they reach performance optimal play . Every player badminton must control Skills service short Because This is blow opener game used as initial capital For get points. Short serve is blow with racket that flies the shuttlecock to field another field with aiming diagonal direction as opener game and constitute important blow in game badminton (Ardyanto, 2018).

### ***CONCLUSION***

Based on analysis of the data that has been done seen the results obtained so can concluded study This that is Skills service short current STKIP Pasundan students follow learning eye studying badminton classified category well , that is as many as 31 students with percentage as many as 69% of 45 students .

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