# The Relationship Of Knowledge Level With The Ability Of Football Basic Technical Skills In Extracurricular Students Of Smpn 5 Karawang Barat

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## ABSTRACT

*Muhammad Fikry Rosyadi. 2022. The Relationship between Knowledge Level and Basic Football Technical Skills in Extracurricular Students at SMPN 5 Karawang Barat. This study aims to determine the relationship between the level of knowledge and the basic technical skills of extracurricular soccer students at SMPN 5 Karawang Barat. This research is quantitative research with correlational techniques. The population in this study were students who took part in football extracurricular activities at SMPN 5 Karawang Barat, as many as 30 students. The sample in this study used a total sampling technique. The technique of collecting data is through a knowledge level questionnaire and a basic football technique skill questionnaire with product moment correlation techniques and simple linear regression.*

*The results achieved in the study are that there is a positive relationship between the level of knowledge and basic football technical skills, rxy 0.405, and there is an Rsquare value of 0.164 or 16.4%, which means that the level of knowledge affects basic technical skills by 16.4%. From the results of this study, it can be concluded that there is a relationship between the level of knowledge and basic technical skills of students in learning football extracurricular physical education at SMPN 5 Karawang Barat.*

*Some suggestions related to this research include: 1) The school should be more supportive of extracurricular football activities at school, especially in facilities or infrastructure suggestions so that they are not too behind in achievements with other schools and can further develop the interest of students to take part in activities football extracurricular. 2) Coaches should be more aware of how students can be more interested in participating in extracurricular football activities. 3) For parents to pay more attention to the potential of children in sports, especially soccer and are expected to encourage children to be more advanced or maybe achieve. 4) Readers, especially teachers, would like to point out that the advantages and disadvantages of extracurricular activities at SMPN 5 Karawang Barat are to be corrected.*

***Keywords****: Knowledge, Football basic technical skills,Extracurricular, dan Football*

# INTRODUCTION

Football is a sport that has interesting characteristics, in addition to stamina, speed, and agility, mental and strategy are also needed, especially in dribbling, passing, maintaining defense, and attacking the opponent's area quickly and accurately. There are many ways to play football, attacking with quick reactions through dribbles, long passes, and short passes with one or two touches. In this game, good cooperation is needed and must also be supported by good technique, physical, tactical, and mental in order to play well. Football is a game played by eleven people and one of them is a goalkeeper. This game aims to enter the ball into the opponent's goal as much as possible and defend his own goal so as not to concede. In the game of football there are several basic techniques of the game, including passing, stopping, dribbling, heading, and shooting.

Extracurricular is a place to foster and develop the abilities of football athletes. As we know, SMPN 5 Karawang Barat has extracurricular activities, one of which is soccer. Extracurricular activities are activities outside school hours to expand knowledge and channel student interests (Sudarmono et al., 2018).

Knowledge is the ability of a person who gets a problem or challenge to be able to easily solve the problem properly and correctly. If knowledge is agreed as one of the most important factors in sports, it can be seen how big the level of student's knowledge about the game of football is. One way that can be done to make knowledge/intelligence more effective is with the process of coaching and breeding so it needs to be investigated further in soccer. In coaching and nurturing football players or extracurricular football clubs in junior high schools, they do not participate in competitions both at the Regency and Provincial levels. From the results of a survey conducted at SMPN 5 Karawang Barat, many students still lack football knowledge. Based on the background of the problems found above, this research takes the title "The Relationship of Knowledge Level with The Ability of Football Basic Technical Skills in Extracurricular Students of SMPN 5 Karawang Barat" with the hope that through this research students' knowledge/insight about football will be deeper.

To avoid misunderstandings and the interpretations used, the writer needs to emphasize the following terms:

1. Physical education is an activation process that utilizes physical activity carried out systematically to improve individual development both cognitively (knowledge), affective (attitude), and psychomotor (skills/ability) to achieve the desired goal.

2. Knowledge can be interpreted as the perfection of one's mind which is manifested in an ability to acquire certain skills and to solve a real and precise problem or problem in life (Blaik, 2013).

3. Basic football technique is the most important thing in a football game, the game will run well when the players master the four basic techniques, including passing, control, dribbling, and shooting.

4. Extracurricular activities are enrichment and improvement activities related to curricular and intracurricular programs. This activity can be used as a forum for students who have an interest in participating in these activities. Through teacher guidance and trainers, extracurricular activities can form a positive attitude towards the activities that are followed by students. One of the extracurricular activities that students are very interested in is sports extracurricular activities. Extracurricular sports activities, besides students deepening and expanding knowledge, can also be used as an effort to foster, strengthen, and form student personality values, such as cooperation, mutual respect, sportsmanship, enthusiasm, and self-confidence (Nurmawati et al., 2021).

5. Football is a team game, each team consists of eleven players, and one of them is a goalkeeper. The game is played almost entirely with the legs, except for the goalkeeper who is allowed to use his arms in the penalty kick area. In its development, soccer games can be played outside the field (outdoor) and indoors or closed (Sudarmono et al., 2018).

## METHOD

This study uses a quantitative approach. A quantitative method is a research method that is applied to examine a population or sample. According to Sugiyono (2018: 8), quantitative research is research based on the philosophy of positivism, used to research populations and samples, data collection using research instruments, and data analysis is quantitative, with the aim of testing hypotheses that have been made. A questionnaire is a data collection technique that is done by giving a set of questions or written statements to respondents to answer. A questionnaire is an efficient data collection technique if the researcher knows with certainty the variables to be measured and knows what to expect from the respondents.

The method used in this research is correlational. The correlational method is research that aims to determine the level of relationship between two variables, without making any changes to the data that has been obtained (Suharsimi Arikunto, 2010: 4)

quoted in (Ratiningrum, 2015). The correlational research that wants to be carried out in this research is to determine the relationship between the level of knowledge and the basic technical skills of students' football.

Research design is all the necessary processes in the planning and implementation of research. In this study using a simple correlational research design, simple correlation is a statistical technique used to measure the strength of the relationship between 2 variables and also to be able to determine the form of the relationship between the two with quantitative results, meaning that this study aims to determine the relationship between the level of knowledge and basic football technical skills. This research uses two variables, consisting of 1 independent variable and 1 related variable. The independent variable is the level of knowledge, while the dependent variable is the basic technical skills of football. This research was conducted at SMPN 5 Karawang Barat.



Image: Research Design

Information:

X: Independent variable (level of knowledge)

Y: Dependent variable (basic football technique skills)

## RESULTS AND DISCUSSION

After conducting research using a questionnaire spread of 37 statement items, all of them were returned so that 100% of the participants were obtained, namely 30 students who took part in soccer extracurriculars. The results of the data obtained from the school will be discussed which will later find out how big the relationship between the level of knowledge and the basic technical skills of soccer is. The thing that will be analyzed from the results of this study is the level of knowledge and basic football technical skills of the students of SMPN 5 Karawang Barat, in participating in soccer extracurricular activities. From the results of the study, it can be seen how big the relationship between the level of knowledge and basic football technical skills of students to take extracurricular football at SMPN 5 Karawang Barat. The distribution of respondents for each item on each indicator component can be described as follows:

**Table 1.**
Normality Test

| One-Sample Kolmogorov-Smirnov Test | | |
|---|---|---|
| | | Unstandardized Residual |
| N | | 30 |
| Normal Parameters[a,b] | Mean | .0000000 |
| | Std. Deviation | 2.07008513 |
| Most Extreme Differences | Absolute | .069 |
| | Positive | .056 |
| | Negative | -.069 |
| Test Statistic | | .069 |
| Asymp. Sig. (2-tailed)[c] | | .200[d] |
| Monte Carlo Sig. (2-tailed)[e] | Sig. | .972 |
| | 99% Confidence Interval | Lower Bound .967 |
| | | Upper Bound .976 |

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

e. Lilliefors' method based on 10000 Monte Carlo samples with starting seed 2000000.

Based on the table above, the Kolmogorov Smirnov Z value is 0.976 and the Asymp value. Sig of 0.200 is greater than 0.05, it can be concluded that the data is normally distributed.

**Table 2.**
Linearity Test

| ANOVA Table | | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|---|
| agresivitas * religiusitas | Between Groups | (Combined) | 49.000 | 7 | 7.000 | 1.545 | .204 |
| | | Linearity | 24.428 | 1 | 24.428 | 5.390 | .030 |
| | | Deviation from Linearity | 24.572 | 6 | 4.095 | .904 | .510 |
| | Within Groups | | 99.700 | 22 | 4.532 | | |
| | Total | | 148.700 | 29 | | | |

5

Based on the table above, it is known that the two variables above have a linear relationship because they have a Sig value. Linearity under 0.05 and Sig. Deviation of Linearity is above 0.05.

**Table 3.**
Hypothesis Testing

| Correlations | | religiusitas | agresivitas |
|---|---|---|---|
| religiusitas | Pearson Correlation | 1 | .405[*] |
| | Sig. (2-tailed) | | .026 |
| | N | 30 | 30 |
| agresivitas | Pearson Correlation | .405[*] | 1 |
| | Sig. (2-tailed) | .026 | |
| | N | 30 | 30 |

*. Correlation is significant at the 0.05 level (2-tailed).

Based on the results of calculations using the SPSS version 22 program, the calculated r-value was 0.976 with r table 0.361, meaning that the calculated r-value > r table. then the decision is accepted hypothesis, and it can be concluded that there is a positive relationship between the level of knowledge and basic technical skills at SMPN 5 Karawang Barat. With the obtained correlation value of 0.405, the relationship between the role of parents and student responsibilities is included in the medium category.

**Table 3.**
Simple Linear Regression

| Model Summary | | | | |
|---|---|---|---|---|
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .405[a] | .164 | .134 | 2.107 |

a. Predictors: (Constant), level of knowledge

| ANOVA[a] | | | | | | |
|---|---|---|---|---|---|---|
| | Model | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 24.428 | 1 | 24.428 | 5.504 | .026[b] |
| | Residual | 124.272 | 28 | 4.438 | | |

| | | | | | |
|---|---|---|---|---|---|
| Total | 148.700 | 29 | | | |

a. Dependent Variable: basic football technique skills

b. Predictors: (Constant), level of knowledge

After the correlation results are obtained, it can be continued with regression testing, the results of the regression calculations are obtained by an R Square value of 0.164 or 16.4%, which means that the level of knowledge has an effect of 16.4% on basic technical skills.

| | | Coefficients^a | | | | |
|---|---|---|---|---|---|---|
| | | Unstandardized Coefficients | | Standardized Coefficients | | |
| Model | | B | Std. Error | Beta | t | Sig. |
| 1 | (Constant) | 37.559 | 16.007 | | 2.346 | .026 |
| | tingkat pengetahuan | .378 | .161 | .405 | 2.346 | .026 |

a. Dependent Variable: basic football technique skills

$Y' = 37{,}559 + 0{,}378X$

The meaning of the above equation, the constant value is 37.559, so if the knowledge level value is 0, then the value of basic technical skills is 37.559. The knowledge level regression value is 0.378, which means that for every 1% increase in knowledge level, the basic football technical skills will increase by 0.378 or 37.8%.

The results of the research analysis show that there is a positive and significant relationship between the level of knowledge and basic technical skills. From this description, it can be seen that the level of knowledge has a relationship with basic technical skills where the relationship is in the medium category, so students who get a good level of knowledge will have good basic technical skills and vice versa if students lack the level of knowledge they will have good skills. Poor basic technique.

In the field of education during this pandemic, parents can play a role in it by paying attention to children's health, motivating children to learn actively, facilitating and meeting children's needs, creating a comfortable learning atmosphere, providing learning guidance, controlling children's progress and so on. Thus, children who get attention from the people around them will increase their motivation to be more responsible in learning so that children are more successful in their education. This is evident from the results of hypothesis testing showing that there is a positive and significant relationship between the level of knowledge with basic technical skills in learning physical education at SMPN 5

7

Karawang Barat, especially football extracurriculars. This is shown from the results of the correlation analysis which obtained a correlation value of 0.405 and the value of t 0.976 > 0.361 t table so that the hypothesis is accepted and significant. Thus, it shows that there is a positive and significant relationship between the level of knowledge and basic technical skills in the medium category.

## CONCLUSIONS AND SUGGESTIONS

Based on the calculation of descriptive analysis, it was found that the level of knowledge of students who took part in soccer extracurricular at SMPN 5 Karawang Barat was mostly in the medium category, and the basic football technical skills of students who participated in soccer extracurricular at SMPN 5 Karawang Barat were in the moderate category as well.

From this study, it can be concluded that there is a positive and significant relationship between the level of knowledge and basic technical skills in soccer extracurricular physical education learning at SMPN 5 Karawang Barat. This is shown from the results of the correlation analysis which obtained a correlation value of 0.405 and the value of t 0.976 > 0.361 t table so that the hypothesis is accepted and is significant in the moderate category. Thus, the higher the level of knowledge, the higher the basic technical skills.

Based on the results of the research and discussion that have been presented, the suggestions that can be given are as follows.

1.  For Parents

Parents should provide motivation and appreciation for the efforts made by children to achieve achievements and create a comfortable home atmosphere so that children can study at home.

2.  For Students

Students should study more diligently and manage time as well as possible so that they can carry out their responsibilities as a student to study to achieve achievement.

3.  For Teachers

Teachers as educators as well as motivators for students in schools should always motivate all things, especially those concerning the problem of the education and learning process so that their students become individuals who excel and are responsible. Communication with parents needs to be done to share information and experiences in

growing children's responsibility.

4. For School

The school should provide socialization to parents about the importance of the role of parents in the learning process at home because it is parents who can monitor the development of their children.

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