

## The Relationship between the Level of Intellectual Intelligence and Awareness of Students

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### ABSTRACT

*This research is based on the intellectual intelligence possessed by students. students are seen as someone who has a good personality because in the boarding school many things are taught, including discipline, craft, decency, cleanliness, order, and others. The students' awareness has not been fully reflected in the students of the Hasbullah Islamic Boarding School. The purpose of this study was to determine the level of intellectual intelligence and awareness of students in carrying out the rules at the Hasbullah Islamic Boarding School, as well as to analyze whether or not there was a relationship between the level of intellectual intelligence and the awareness of students at the Islamic boarding school. The approach used in this study is a quantitative approach. Collecting data using observation, questionnaires, interviews, and documentation. For research data analysis, researchers used product moment correlation analysis to obtain results from the established hypothesis. The research shows that the students' intellectual intelligence has high criteria, students' awareness in implementing the rules is high criteria, and  $r$  count is 0.425 greater than  $r$  table, so that  $H_a$  is accepted, namely "There is a relationship between the level of intellectual intelligence with students' awareness in carrying out the regulations of the Islamic Boarding School Hasbullah Bahrul 'Ulum Tambakberas Jombang".*

**Keywords:** *Intellectual Intelligence; Awareness; Relationship.*

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### INTRODUCTION

Intelligence can be interpreted as a person's mind that is perfect and manifested in an ability to solve a problem or problem in real life. Intellectual intelligence is the ability needed by a person to carry out all mental activities of thinking, reasoning, and solving problems. Intellectual intelligence is also the ability in the intellectual, analytical, logical and rational fields (Waqfin & Rojab, 2022). This intelligence includes intelligence that receives, stores and manages information into facts and realities. (Bestari, 2017). By being equipped with religious knowledge, it is hoped that the students can make a contribution to the local community regarding intellectual intelligence (Wardani & Rofiq, 2021). Pesantren as an educational institution that grows and continues to develop along with the times with their respective characteristics.(Sabiq, Zamzami & Djalali, 2012).

According to the Big Indonesian Dictionary, regulations are orders (guidance, rules, provisions) that are made to regulate. Pondok comes from the Arabic word "*funduq*" which means hotel or hostel. Therefore, Islamic boarding schools are places of education that emphasize their students to stay in dormitories (Shobirin & Hanafi, 2021). The term pesantren itself comes from the word santri which starts with pe- and ends in -an which means the residence of the students.(Latif, M. Agus & Mudzakkir, 2016). The purpose of this study was to determine the level of intellectual intelligence and awareness of students in carrying out the rules at the Hasbullah Islamic Boarding School, as well as to analyze whether or not there was a relationship between the level of intellectual intelligence and the awareness of students at the Islamic boarding school.

### METHOD

The method in this study uses a quantitative approach. Quantitative research is a research method based on the philosophy of positivism, which is used to examine certain populations or samples, collect data using research instruments, and analyze quantitative or statistical data. The philosophy of positivism views that reality/symptoms/phenomena can be classified, relatively fixed, concrete, observable,

measurable, and the relationship of symptoms is cause and effect. The subjects in this study were the students of the Hasbullah Bahrul 'Ulum Tambakberas Jombang Islamic Boarding School, the samples taken were all students with a total of 80 students. Collecting data in this study is observation, questionnaires or questionnaires, interviews and documentation.

**Table 1.** Instrument Grid

Variabel	Indicator	Item Number
Variable X (Intellectual Intelligence)	Ability to communicate well	1,2,3
	Able to push himself to solve problems or problems	4,5,6,7
	Easy to use calculations	8,9,10
Variable Y (Awareness of students in carrying out the rules)	Obedient and orderly attitude to the rules of the boarding school	1,2,3
	Good understanding of regulations in Islamic boarding schools	4,5,6
	Sincerity in carrying out the rules at the Islamic boarding school	7,8,9,10

In this study the authors used statistical data analysis as follows:

- **Validity Test**  
Validity is the degree of accuracy between data that occurs in the object of research and data that can be reported by researchers. to test the validity is by calculating the correlation results of each item using the SPSS version 23.0 application.
- **Reliability Test**  
The reliability of the research instrument is a tool that provides results that remain the same (consistent). Any situation, condition or thing does not affect the measurement results. In testing the reliability of the research instrument, the researchers used the SPSS version 23.0 application.
- **hypothesis testing**  
To find out whether there is a relationship between the level of intellectual intelligence and the awareness of students in carrying out the rules at the Hasbullah Islamic Boarding School Tambakberas Jombang, the researchers used the Mean and Product Moment formulas.

## **RESULT AND DISCUSSION**

From the results of research that has been carried out at the Hasbullah Bahrul 'Ulum Tambakberas Islamic Boarding School, Jombang, it is known that the level of intellectual intelligence of the students at the Hasbullah Islamic Boarding School belongs to the high criteria, namely 37.02 from the results of the distributed questionnaire which is then analyzed through the mean formula and calculated through the SPSS application. version 23.0. Meanwhile, the awareness of students in implementing the regulations of the Hasbullah Islamic boarding school is classified as high, namely 39.76 which has been analyzed through the mean formula and calculated through the SPSS version 23.0 application.

And to find out whether or not there is a relationship between the level of intellectual intelligence and the awareness of students in carrying out the rules at the Hasbullah Islamic Boarding School, it can be known through the calculation of the product moment correlation. Based on the calculations that have been done, it gives the result that  $r_{count}$  0.425 is greater than  $r_{table}$  0.219. Thus there is a relationship between the level of intellectual intelligence with the awareness of students in carrying out the rules at the Hasbullah Islamic Boarding School, and produces a coefficient of determination of 18% or at a moderate level.

### **Result**

- **Validity Test**  
At this stage, it is done by using the validity test of the items. The criteria used to test the validity of the items in this study are as follows: If  $r_{count} > r_{table}$  or equal to 5% significance level, then it is declared valid and vice versa If  $r_{arithmetic} < r_{table}$  with 5% significance level, then it is declared invalid . Based on the calculations that have been carried out with the SPSS Version 23.0 application, it gives the result that  $r_{count}$  is greater than  $r_{table}$  0.219, thus it can be concluded that the instrument used in the study is valid.

- Reliability Test

Calculation of reliability in this study using SPSS version 23.0 program. The calculation results obtained from the formula are then compared with the  $r_{table}$  according to N or the number of respondents (in the attachment the  $r$  value of the significance table is 5% and 1%), with the following conditions, if the  $\alpha$  value  $> r_{table}$  with a significant level of 5%, then it is declared reliable and vice versa if the  $\alpha$  value  $< r_{table}$  with a significant level of 5%, then it is declared unreliable. The results of the reliability testing of the X and Y variables are shown in the following table:

**Table 2.** Reliability Test Results Variable X and Variable Y

No	Variable	Alpha	$r_{table}$	Information
1.	intellectual intelligence (X)	0,708	0,219	Reliable
2.	Awareness of students in carrying out the rules (Y)	0,751	0,219	Reliable

Based on the table above, the instrument is reliable to be used in research because the Alpha value  $>$  from  $r_{table}$  with the results of the X variable 0.708 and Y variable 0.751 while  $r_{table}$  0.219.

- Hypothesis testing

To test the hypothesis that has been set, in this study using Product Moment correlation analysis which is calculated through the help of the SPSS version 23.0 application. For the X variable, it can be known by digging up the data on the intellectual intelligence questionnaire. As for the Y variable, it can be determined by digging the data on the students' awareness questionnaire. These results are calculated through the SPSS Version 23.0 application, as follows:

**Table 3.** Reliability Test Results Variable X and Variable Y

No	Correlations		Intellectual Intelligence	Discipline of students
1	Intellectual Intelligence	Pearson Correlation Sig. (2-tailed) N	1 80	0.425 0.000 80
2	Student Awareness	Pearson Correlation Sig. (2-tailed) N	0.425 0.000 80	1 80

The results of the calculation of the Product Moment correlation above were consulted with the  $r_{table}$  at a significant level of 5%. In accordance with the number of respondents as many as 80 students, it can be seen in the table that the  $r_{table}$  value at a significant level of 5% amounting to 0.219 with the possibility: If  $r_{xy} > r_{table}$ , then the null hypothesis ( $H_0$ ) is rejected and the working hypothesis ( $H_a$ ) is accepted. If  $r_{xy} < r_{table}$ , then the null hypothesis ( $H_0$ ) is accepted and the working hypothesis ( $H_a$ ) is rejected. Based on the calculation of the product moment correlation above, it can be seen that  $r_{xy}$  or  $r_{count}$  with a number of 0.425 is greater than  $r_{table}$  0.219, so  $H_a$  is accepted, namely "There is a relationship between the level of intellectual intelligence and the awareness of students in carrying out the regulations of the Hasbullah Bahrul Islamic Boarding School in Jombang".

## Discussion

This study aims to determine the influence of intellectual intelligence with the awareness of students in carrying out regulations in Islamic boarding schools. From the results of the study, the level of Intellectual Intelligence of the Hasbullah Islamic Boarding School students was measured through three indicators including the ability to communicate well, able to encourage themselves to solve problems or problems, and easy to use calculations. The three indicators were measured through statements in the questionnaire that had been distributed and filled out by 80 respondents which were then analyzed using the mean formula. Based on the measurements that have been carried out by the researchers, the results show that the intellectual intelligence of the Hasbullah Islamic boarding school students belongs to the high criteria, namely 37.02.

Awareness of students in carrying out the regulations of the Hasbullah Islamic boarding school is measured through three indicators including an obedient and orderly attitude towards the regulations of the Islamic boarding school, a good understanding of the rules in the Islamic boarding school, sincerity in

carrying out the rules at the Islamic boarding school. The three indicators were measured through statements in the questionnaire that had been distributed and filled out by 80 respondents which were then analyzed using the mean formula. Based on the measurements that have been carried out by the researchers, the results show that the awareness of students in implementing the regulations of the Hasbullah Islamic boarding school is classified as high criteria, namely 39.76.

Meanwhile, whether or not there is a relationship between the level of intellectual intelligence and the awareness of students in carrying out the rules at the Hasbullah Islamic boarding school can be known through the calculation of the product moment correlation. Based on the calculations that have been carried out, the results show that  $r_{count}$  0.425 is greater than  $r_{table}$  0.219. Thus, it can be concluded that there is a relationship between the level of intellectual intelligence and the awareness of students in carrying out the rules at the Hasbullah Islamic boarding school.

## CONCLUSION

Based on the results of research conducted at the Hasbullah Bahrul 'Ulum Tambakberas Islamic boarding school, Jombang, and based on the formulation of the problem that has been determined, the following conclusions can be drawn:

- The Intellectual Intelligence of the Hasbullah Islamic Boarding School Santri  
Based on the results of the study showed that the intellectual intelligence of the Hasbullah Islamic boarding school students obtained 37.02 results. Based on this number, it can be concluded that the average intellectual intelligence of students is in the score between 30-40 with high criteria.
- Awareness of students in carrying out the rules  
Based on the results of the study showed that the awareness of students in carrying out the rules obtained results of 39.76. Based on this number, it can be concluded that the average student awareness in carrying out the rules is in the score between 30-40 with high criteria.
- The relationship between the level of intellectual intelligence with the awareness of students in carrying out the regulations of the Islamic Boarding School  
Based on the product moment correlation calculation that has been done, it can be seen that  $r_{xy}$  or  $r_{count}$  with a number of 0.425 is greater than  $r_{table}$ , so  $H_a$  is accepted, namely "There is a relationship between the level of intellectual intelligence and the awareness of students in carrying out the regulations of the Hasbullah Bahrul Islamic Boarding School 'Ulum Tambakberas Jombang". These results also have a level of relationship between variables X and Y with moderate criteria. And produce a coefficient of determination of 18%, which means that the magnitude of the relationship between the level of intellectual intelligence and the awareness of students in carrying out the regulations of the Hasbullah Islamic Boarding School is 18%.

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