

The Relationship Between Motivation And Student Learning Achievement In Economics Subjects Of Grade X At Sman 1 Bangkinang Kota

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Abstract-This study aims to determine whether or not there is a relationship between motivation and student learning achievement in the subject of economics class X at SMAN 1 Bangkinang Kota. This study uses a quantitative method, with the type of research is correlational. The population used in this study were all students of class X at SMAN 1 Bangkinang Kota totaling 40 students. The sampling technique used in this study was total sampling. With a sample size of 40 students of class X at SMAN 1 Bangkinang Kota or the entire population. The type of data used is primary data. Data collection techniques in this study used observation and questionnaires. Data collection using questionnaires was carried out on the motivation variable, scoring on the questionnaire was guided by the Likert scale. Meanwhile, for the learning achievement variable, data was obtained from student report card scores. The data analysis technique used in this study was the validity and reliability test used to measure the feasibility of the questionnaire instrument. Furthermore, a prerequisite test was carried out consisting of a normality test and a hypothesis test with the help of SPSS version 26. The hypothesis test was tested using product moment correlation analysis. The results of the study indicate that there is a relationship between motivation and student learning achievement in economics subjects of class X at SMAN 1 Bangkinang City with data processing using a correlation test with a correlation degree categorized as perfect with a positive form. This can be seen in the sig value.(2-tailed) on the two variables of motivation and learning achievement showed a result of 0.000. The value of $0.000 < 0.05$, then H_0 is rejected and H_a is accepted, it can be concluded that there is a significant relationship between motivation and learning achievement. Then, seen from the value *Pearson correlation* motivation with learning achievements shows a result of 0.912 which, when viewed from the relationship degree guidelines of 0.912, falls into the perfect correlation category. So it can be interpreted that if student motivation is good, the learning achievements obtained will also be good.

Keywords: *Motivation, Learning Achievement*

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1 Introduction

Human resources are central to nation development, to increase human resources, education is required. The quality and success of an education system can be determined by increasing human resources (Riyadi and Alhanif, 2020). Education is a very important thing in national life, being part of the direct development and progress of from a country (Hidayah, 2022). Through education, people are educated, nurtured and their potential developed, this is done so that students can become worthy human beings. ality, being responsible, and having noble morals (Adawiyah, 2019).

One of principles in peimplementation of peeducation is pesorta educate seactive way in metake

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achievement. If student achievement is good, then it is certain that a teaching process carried out by the teacher can run smoothly, but if achievement is bad The learning achieved by the students is not in line with what was desired, so it can be said that the teaching process carried out by the teachers be successful (Munthe and Pasaribu, 2023). Learning achievement is the result of a business that has been carried out well and correctly achieved by students, over a long period of time. process of learning and teaching takes place over a certain period of time, most of the achievements are studying at school There are numbers from teachers in order to be able to know to what extent students have mastered the subjects taught (Nugrahadhi and Rizki, 2018).

Prestasi belajar itu seperti a rejection myr toberesults in process pembelajaran, no terlerang from bevarious factors thatuntilmessyhinya. Factors thatuntilmessyhi prestasi bestudents' learning is internal factors and external factors. Internal factors This is the internal consists of physical (physiological) factors, both those that are innate or which is in roleh seperti PE sight, petherengaran, stru timer therema'amh and sehow.e faktor eksternal teconsists of social factors that lipin my environment just to you fare, environment just like that school, environment with society and environment just to group, to your dian tethere are factors ma'am the power that melipicustoms, science pengeknowan and technology to sowe ll, environmental factors just physical seperti ru facilities mah, the facilities are study and climate, and environmental factors with your spiritual and to security (Marpau) ng, 2015). Seshallow menurut Kurniawati et al (2023) prestasi pesorta educate in be basically learn to messy Hi thereh inte faktor the real thing feelings from within oneself sorta educate beru what are your interests, talents, motivations, maturity, to who, and to as usual student learning. Faktor eksternal the real thing from your self pesorta educate beru where to you arga, guru and how to his teachings, teman bergaul, srta facilities.

Prestasi belajar lessons learned oleh pesorta dice education my school have bevarious fuvery pe ngsinting. There are fu this is what you are doing consists of Learning achievements serve as an indicator of the quality and quantity of knowledge that has been mastered by students students, learning achievements as a satisfaction of curiosity about the abilities possessed by students, learning achievements as information material in education, learning achievement can be used as an indicator of an educational institution, learning achievement can also be used as an indicator of the student's absorbing power student education (Rozalia, 2017).

Economy in ma'am t selike a queen his knowledge. Economy is menci u first of all ngeknowan-pengeknowan another thing that is mentioned learn in seschool. See each individual meh have a clear view r befrom mengeeyes of pe lesson economy. There are some look at meeconomy selike the eyes of a the lesson that iyescatch and there is juno one ismy thoughts back. For pesorta educate me consider emy economy yes I will catch that motherh motivation in himself u youk me until learn eeconomy and optimism u youk me yeslesolve the problem, that's it my nature challenge in pe lesson eeconomy. Sein return, for pesorta educate me look at meeconomy selike pe the lesson that sulit, then pesorta educate tersema'am t will be attitudesimis in meyeslesolve the problem eeconomy and i will rank te Motivate me until learn it. This is you it will be me until messyhi results to be achieved in the process pembelajaran sepem meaning of prestasi bestudy (Satriani and Zahara, 2015).

With With motivation within students, they will be able to increase prestasi bestudents' learning. This is the way just for you no research conducted can you h Riyadi and Alhanif (2020) whononjukkan result penoresearch that teget huma'amsignificant difference between motivation learn from just prestasi bestudents study on the subject lesson eeconomy to X-Layer (sepoyouh) at MA AL- QuThe Nagrak community knowsn pe 2016/2017 academic year, de just your results physicsn korealasi sebesar $r = 0.821$ hu level ma'am very high, $r^2 = 0.674$. This is nonjukkan that 67.4% of the variations that are happened in prestasi bestudent learning berhubarbma'am with you just motivation bestudents study. To your dian penoresearch conducted can you h Simbolon et al (2020) whononju will u get the result *ji spearman rank* diperolehp valuee = 0.0001 ($p < 0.05$) this is means there is a huma'am between motivation belajar from just prestasi bestudent study at Stikes St. ELisa Th Me And.

Figure 1:Flowchart penelitian

The method used in this research is quantitative, with a correlational type of research. Correlational research is a research carried out to determine relationships and the level of relationships between two variables or more without effort to manipulate variables, so there is no manipulation of variables (Sugiyono, 2016).

Population is a generalized area consisting of objects or objects that have certain qualities and characteristics that have been determined by The research needs to be studied and then conclusions drawn (Sugiyono, 2017). The target population used in this research is all students in class X at SMAN 1 Bangkinang Kota, which consists of 40 students.

Sample is part of the number of characteristics possessed by a population (Sugiyono, 2018). In this research, the sampling technique used is total sampling. Total sampling is a technique for determining a number up to 1 where all members of the population are used as a sample (Sugiyono, 2017). Taking total sampling in research because the number of populations studied is <100, so that a total of half of the populations are sampled (Basri et al., 2022). Thus, the number of samples in this study was 40 students in grade X at SMAN 1 Bangkinang City or the entirety of the total number of students. mlah population.

The type of data used in this study is primary data. Primary data is data obtained directly by data collectors obtained through questionnaires (Sugiyono, 2017). Primary data used in this study were obtained from observation results and data from questionnaires filled out by grade X students at SMAN 1 Bangkinang City.

The data collection techniques used in this research are observation and questionnaires. Data collection uses questionnaires carried out on motivational variables, this questionnaire consists of 20 items of statements. The scoring on this questionnaire is based on the likert scale. Meanwhile, for learning achievement variables, data is obtained from student report cards.

The data analysis technique used in this research is validity and reliability testing which is used to determine the feasibility of the questionnaire instrument. Next, prerequisite tests are carried out, namely, consisting of a normality test and a hypothesis test with the help of SPSS version 26. This hypothesis test is tested. If you use product moment correlation correlation analysis. Before conducting a correlation analysis, a data normality test must first be carried out, because normality is a requirement that must be met. First before conducting a correlation analysis.

The hypotheses that will be tested in this research are:



H₀ : Noget huma'amsignificant relationship between motivation and prestation bestudents study on the subjectEconomics lessons for grade X at SMAN 1 Bangkinang City.

H_a : Yesget huma'amsignificant relationship between motivation and prestation bestudents study on the subjectEconomics lessons for grade X at SMAN 1 Bangkinang City.

3 Results and Discussion

3.1 Validity test

Testing the validity of the questionnaire uses the SPSS program with testing criteria, namely if $r_{count} > r_{table}$, then item m statement is valid and if $r_{hitung} < r_{tabel}$, then item m statement te\$ rse\$bu\$ is invalid. Motivational questionnaire data consists of 20 items of statements that have been filled in by 40 students, then validity testing is carried out using SPSS program help version 26. The following data are obtained from the results of validity tests using SPSS:

Table 1:U Resultthe validity of Angket Motivation

Question Items	rhitung	rtable	Information
1	0.415	0.312	Valid
2	0.473	0.312	Valid
3	0.771	0.312	Valid
4	0.564	0.312	Valid
5	0.569	0.312	Valid
6	0.595	0.312	Valid
7	0.431	0.312	Valid
8	0.605	0.312	Valid
9	0.678	0.312	Valid
10	0.415	0.312	Valid
11	0.415	0.312	Valid
12	0.473	0.312	Valid
13	0.771	0.312	Valid
14	0.564	0.312	Valid
15	0.569	0.312	Valid
16	0.595	0.312	Valid
17	0.431	0.312	Valid
18	0.605	0.312	Valid
19	0.678	0.312	Valid
20	0.595	0.312	Valid

Based on the table above, the validity test used is by comparing the r calculation with the r table. The number of respondents in this research is 40 students with a significance level of 5%, it is known that the table is 0.312. So, from the results of the validity calculation of the motivation questionnaire that has been carried out using SPSS version 26, the results show that 20 items of statement are valid. The results obtained in the table above show that $r_{count} > r_{table}$ so that it can be said that all of the items in the statement has been declared valid.

3.2 Reliability Test

After carrying out a validity test, a reliability test is then carried out using the Cronbach Alpha formula. A variable is said to be reliable if it provides a Cronbach Alpha coefficient value > 0.60 . This motivational questionnaire reliability test was carried out using the help of SPSS version 26. Here are the data obtained from the results of the research test liabilities namely\$:

Table 2:U ResultJi ReAngke's liabilitiest Motivation

Reliability Statistics	
Cronbach's Alpha	N of Items
.880	20

Based on the table above, the reliability test that has been carried out using SPSS version 26 shows that the Cronbach's Alpha coefficient is obtained, namely is at the level of 0.880. Value $0.880 > 0.60$. So, from the results of the reliability test, it can be concluded that all the statement items contained in the

motivation questionnaire are reliable. In this way, motivation questionnaires can be used to collect data in research with a total of 20 items of statement.

3.3 Prerequisite Test

3.3.1 Normality Test

Before you carry out a hypothesis test using correlation analysis, you should first carry out a data normality test, because normality is a condition that must be fulfilled before carrying out correlation analysis. Normality testing is carried out to see whether the data used has a normal distribution or not. The normality test was carried out using SPSS version 26 based on Kolmogrov-Smirnov with criteria if the sig value. > 0.05 , then the data distribution up to 1 comes from a normally distributed population, whereas if the sig. < 0.05 then the distribution of the sample data is not normal. The following normality test results are:

Table 3:U Resultji Normality Tests of Normality

	Kolmogorov-Smirnova			Shapiro Wilk		
	Statistics	df	Sig.	Statistics	df	Sig.
MOTIVATION	,093	40	,200*	,978	40	,598
PRESTASI_BELEARN	,105	40	,200*	,973	40	,454

*. This is a lower bound of the True significance.

a. Lilliefors Significance Correction

Based on the results of the normality test calculation analysis results in the table above, the two variables studied, namely motivation and learning achievement, were assessed. The results in sig value. 0.200 . Sig value. $0.200 > 0.05$, so it can be concluded that the data, both from motivation variables and learning achievement have a normal distribution in accordance with the criteria from the normality test. So that the data found can be used to test hypotheses.

3.3.2 Hypothesis Testing

The hypothesis test is obtained from the results of the analysis using statistical analysis, correlation test using the product correlation test moment, which is obtained from the results of motivation questionnaires and learning achievements from the results of student report cards, hypothesis testing is carried out using SPSS version 26. The guidelines for the degree of relationship in the correlation test are as follows:

Table 4:PeThe domainking Huma'amjust

Pearson Correlation Value	Category
0.00 – 0.20	No Korealasi
0.20 – 0.40	KoreaLe's lasioh
0.40 – 0.70	Korealasi Sedang
0.70 – 0.90	KoreaMy lasiat
0.90 – 1.00	Korealasi Semestercolor

Table 5:UJi Korealasi Correlations

		MOTIVATI ON	PRESTASI_BE LEARN
MOTIVATION	Pearson correlation	1	,912**
	Sig. (2-tailed)		,000
	N	40	40
PRESTASI_BELEARN	Pearson correlation	,912**	1

Sig. (2-tailed)	,000
N	40

**Correlation is significant at the 0.01 level (2-tailed).

Based on table u results correlation on top of diperoleh sig value. (2-tailed) on toyour variable motivation and prestasi belajar menunjukkan bahwa hasil sebesar 0.000. Value $0.000 < 0.05$, then H_0 is rejected and H_a is tested. It can be inferred that motivation and prestasi belajar together are significant. Toyour dian, seen from the value *pearson attacklation* motivation just prestasi belajar menunjukkan bahwa hasil sebesar 0.912 which when viewed from the pedomain ofking of huma'amonly 0.912 termasuk toin kateKorean Gorilasi semasterrna. Seuntil it can be pulled toknotand that the motivation just prestasi belajar study eye pelesson emy economy have a huma'amwith orKorealasi with youking of huma'amngan namely korealasi semester color of just beyouk huma'amonly that is positive. This is in line with the research conducted by Satriani and Zahara (2015) which shows that there is a positive relationship between motivation and student learning achievement. Then, the research conducted by Yourong et al (2024) menunjukkan hasil dari analisis data penelitian yang menunjukkan korelasi sebesar 0.575 dengan nilai signifikansi $0.00 < 0.05$ termasuk toin katemy goriat. Seuntil the data analysis results menunjukkan bahwa terdapat hubungan yang signifikan antara motivasi dan prestasi belajar siswa. This is pegot it just for younoresearch conducted can youh Hansoon et al (2023) menunjukkan hasil bahwa terdapat hubungan yang signifikan antara motivasi dan prestasi belajar siswa di kelas X SMK Negeri 1 Ratahan namelysobesar 0.453 termasuk toin deking of huma'amjust like thatdang and cumyp deonly in a positive direction.

4 Conclusion

Based on the results of research, there is a relationship between motivation and student learning achievement in class X e-economics subjects at SMAN 1 Bangkinang Kota with Data processing uses a correlation test with the degree of correlation being categorized as perfect with a positive shape. This can be seen in the sig value. (2-tailed) on toyour variable motivation and prestasi belajar menunjukkan bahwa hasil sebesar 0.000. Value $0.000 < 0.05$, then H_0 is rejected and H_a is tested. It can be inferred that motivation and prestasi belajar together are significant. Toyour dian, seen from the value *pearson attacklation* motivation just prestasi belajar menunjukkan bahwa hasil sebesar 0.912 which when viewed from the pedomain ofking of huma'amonly 0.912 termasuk toin kateKorean Gorilasi semasterrna. Seso it can be interpreted that if the students' motivation is good then the prestasi belajar the lessons learned oleh juwon't be good. Butn, if the student's motivation is still strong good rank then prestasi belajar the lessons learned oleh student juI won't good rank.

Based on the results youran from penothis study, then penoliti membe give me suggestion on penoliti secontinue ask who will in demand can penolitian just for you discussion in this field, it is hoped that study it I love you deep inside pang huma'ambetween motivasi and just prestasi belajar this study, namely dengan meuntil luas variable which is tested liti. Toyour dian, it is recommended youk mengguta ke metode penomixed literatureran so that meget pethe most beautiful thing I love you deep inside mengethere are very important factors until messyhi motivasi and prestasi belajar student learning.

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