



## The Effect of School Environment and Learning Motivation on Economic Learning Absorption

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### **Abstract**

Absorption in learning activities is a skill possessed by every student, absorption in learning is influenced by various factors such as the school environment and learning motivation. So the purpose of this research is the school environment and learning motivation on the absorption of economic learning. The research methodology is ex-post facto with a quantitative approach. Respondents in this research were 83 students of class X IPS SMAN 8 Bengkulu Utara which were taken by total sampling technique. The method of data analysis in this research uses multiple regression. The results of the study are as follows: 1). The school environment has a positive and significant influence on the absorption of economic learning, 2). Learning motivation has a positive and significant effect on the absorption of economic learning, 3). The school environment and learning motivation together affect the absorption of economic learning by 29.9% and 70.1% is influenced by variables outside this research.

**Keywords:** *Absorption Capacity; Learning Economics; School Environment; Learning Motivation*

### **Introduction**

Absorption in the learning process in the world of education is an important thing that must be owned by every student or student. Absorption is the ability of a person to absorb concepts or subject matter delivered by educators with the awareness of utilizing usability in carrying out an understanding of the implementation of learning (Iswahyudi, 2009).

The current learning process requires students to have good absorption, the absorption of students in learning is influenced by various factors. Factors that influence it include the school environment and learning motivation. Where the school environment will have a dominant influence on the development of student absorption (Saade & Bahli, 2005). In the research of Conrad and Bliemel (2016) the learning environment has a significant influence on cognitive development or student absorption. El-Hilali et al (2015) found that the absorption of students is influenced by factors in the learning environment.

The next factor is learning motivation, where learning motivation has a positive relationship to a student's absorption (Leong, 2011). In the research of Chen et al (2020) that student learning motivation

has a good influence on students' absorption in learning. In the research of Anastasiadis et al (2018), the learning motivation of a student has a very close relationship in influencing the absorption of students in the learning process. By having good absorption, students will be able to adapt to changing learning situations both face-to-face and online learning.

Based on the phenomenon and various research results, it can be seen that the learning environment and learning motivation have a relationship with learning absorption. The purpose of this research was to determine the effect of the learning environment and motivation on learning absorption. so that in the future it can contribute to decision-making in the world of education, especially on the norms that must be applied to students.

### **School Environment**

The educational environment is everything that surrounds the ongoing process of education (Arif, 2009). The learning environment consists of the family environment, school environment, and community environment. The school environment is the main educational environment after the family because in the school environment there are students, educators, administrators, counselors, principals, guards, and those who live together in the environment and carry out education regularly and well planned. According to Birch and Ladd (1996), the functions of the school environment include developing intelligence, personal development, specialization, efficiency, socialization, and conservation. As for the indicators of the school environment that are very important according to Musu et al (2019), namely 1). Teacher, 2). Facilities and infrastructure, 3). Building condition.

### **Learning Motivation**

Motivation is a condition that causes or gives rise to certain behaviors and which gives direction and resilience to these behaviors (Wlodkowski, 2003). Motivation is an encouragement from certain parties to increase the spirit of a person (Efendi et al 2020). Motivation is a psychological process that generates and directs behavior towards the achievement of goals (Kreitner et al, 2001). The factors that influence learning motivation according to Hamdu and Agustina (2011) are 1). Ideals, 2). Student Ability, 3). Student condition, 4). Social environmental conditions, 5). Dynamic elements in learning, 6). Master's Effort.

### **Student Absorption**

Absorption is the ability of a person to absorb concepts or subject matter delivered by educators with the awareness of utilizing usability in carrying out an understanding of the implementation of learning (Iswahyudi, 2009). According to Smithers and Eaton (2021) absorption is an ability, strength, feeling, will and energy possessed by the human soul, in an effort to do something business, where learning absorption is the ability, energy, benchmark to determine the extent to which students' understanding of the subjects studied and taught by the teacher in a process of teaching and learning activities. According to Gillooly et al (1984), the factors that influence student absorption are physical factors, psychological factors, family factors, school factors, and community factors.

## ***Research Framework and Hypothesis***

### **The Effect of the School Environment on Student Absorption**

Research conducted by Saade and Bahli, (2005) found that the school environment will have a dominant influence on the development of student absorption. In the research of Conrad and Bliemel (2016) and Schweder (2020), the learning environment has a significant positive effect on cognitive

development or student absorption. Barnes et al (2019) and El-Hilali et al (2015) found that students' absorption was influenced by factors in their learning environment.

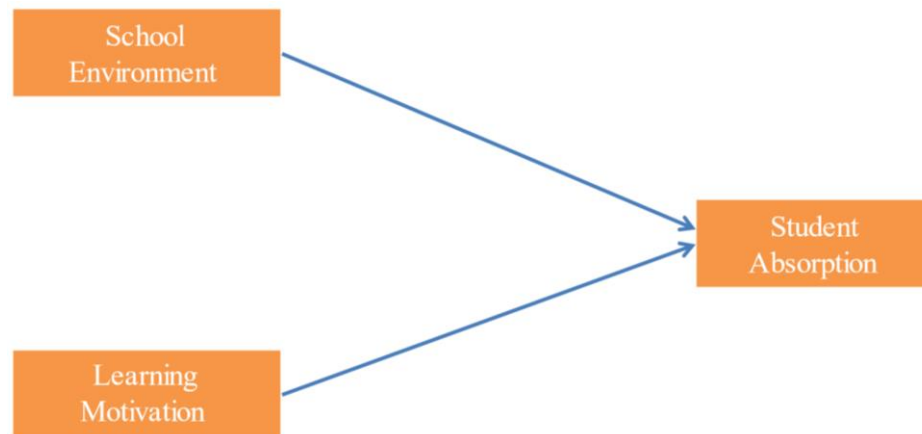
H<sub>1</sub>: school environment has a positive and significant effect on student absorption.

### The Effect of Learning Motivation on Student Absorption

Research conducted by Leong (2011) and Durak (2020) found that motivation has a positive relationship with a student's absorption capacity. In the research of Chen et al (2020) that learning motivation has a good influence on students' absorption in learning. In the research of Anastasiadis et al (2018) and Lin et al (2018) the learning motivation of a student has a very close relationship in influencing student absorption in the learning process.

H<sub>2</sub>: learning motivation has a positive and significant effect on student absorption.

Based on various theoretical explanations, research findings, and developing hypotheses regarding the influence of the school environment and learning motivation on student absorption. So the research framework in (Figure 1) is as follows:



**Figure 1. Research Framework**

### Methodology

This research uses the type of ex-post-facto research with a quantitative approach. According to Sugiyono (2015), ex-post-facto is research conducted to examine events that have occurred and then trace back to find out the factors that can cause these events to occur. . While the quantitative approach is data in the form of numbers or qualitative data that is numbered (Efendi et al, 2019). The method of data analysis in this research used multiple regression. Respondents in this research were 83 students of class X IPS SMAN 8 Bengkulu Utara which were taken by total sampling technique.

### Findings

Tabel 1 berikut ini adalah hasil analisis regresi berganda dari data penelitian, dengan hasil penelitian sebagai berikut:

**Table 1. Results of Regression Analysis**

Variable	Koef. Regression (B)	T Statistic	Sig
School Environment	0.236	2.520	0.014
Learning Motivation	0.601	5.843	0.000
Constant		5.911	
R		0.546	
R <sup>2</sup>		0.299	
F Statistic		17.024	
Sig		0.000	

Source: Primary data processed

### **The Effect of the School Environment on Student Absorption**

Based on the results of the regression analysis, it is known that the school environment has an influence on student absorption, as shown in the regression coefficient value of 0.236. At the 5% significance level, it is known that the t-count value is 2.520 with a significance of 0.014. With these results, the first hypothesis can be accepted that the school environment has a positive and significant effect on student absorption.

### **The Effect of Learning Motivation on Student Absorption**

Based on the results of the regression analysis, it is known that learning motivation has an influence on students' absorption, shown in the regression coefficient value of 0.601. At the 5% significance level, it is known that the t-count value is 5.843 with a significance of 0.000. With these results, the second hypothesis can be accepted that learning motivation has a positive and significant influence on student absorption.

### **Coefficient of Determination R Square (R<sup>2</sup>)**

The coefficient of determination R Square is used to show how big the percentage of the variables of the school environment and motivation to learn together in influencing the variable of student absorption. The results of multiple regression analysis show that the coefficient of determination R<sup>2</sup> has a value of 0.299 or it can be said that 29.9% student absorption is influenced by school environment variables and learning motivation. While the remaining 70.1% is influenced by other variables not included in this research.

## ***Discussion***

### **The Effect of the School Environment on Student Absorption**

Based on the results of research that has been analyzed there is a positive and significant influence between the school environment on student absorption. This is indicated by the regression

coefficient value of 0.236. At the 5% significance level, it is known that the t-count value is 2.520 with a significance of 0.014. So it can be concluded that the higher the school environment, the higher the absorption of students. On the other hand, the lower the school environment, the lower the absorption capacity of students.

The results of this research supported by the findings of Saade and Bahli, (2005) found that the school environment will have a dominant influence on the development of student absorption. In the research of Conrad and Bliemel (2016) and Schweder (2020), the learning environment has a significant positive effect on cognitive development or student absorption. Barnes et al (2019) and El-Hilali et al (2015) found that students' absorption was influenced by factors in their learning environment.

### **The Effect of Learning Motivation on Student Absorption**

Based on the results of research that has been analyzed there is a positive and significant influence between learning motivation on student absorption. This is indicated by the regression coefficient value of 0.601. At the 5% significance level, it is known that the t-count value is 5.843 with a significance of 0.000. So it can be concluded that the higher the motivation to learn, the higher the absorption of students. On the other hand, the lower the learning motivation, the lower the student's absorption capacity.

The results of this research are supported by the findings of Leong (2011) and Durak (2020) Finding learning motivation has a positive relationship to a student's absorption capacity. In the research of Chen et al (2020) that student learning motivation has a good influence on students' absorption in learning. In the research of Anastasiadis et al (2018) and Lin et al (2018) the learning motivation of a student has a very close relationship in influencing student absorption in the learning process.

### **Coefficient of Determination R Square (R<sup>2</sup>)**

The results of this research indicate that there is a positive and significant effect between the school environment and learning motivation on student absorption. This is indicated by the results of the test results with F test which obtained a calculated F value of 17,024 with an F significance value of 0.000 or  $F < 0.05$ . The coefficient of determination R Square is used to show how big the percentage of the variables of the school environment and motivation to learn together in influencing the variable of student absorption. The results of multiple regression analysis show that the coefficient of determination R<sup>2</sup> has a value of 0.299 or it can be said that the school environment and learning motivation affect student absorption. While the remaining 70.1% is influenced by other variables that do not exist in this research. With the results, it can be seen that students' absorption can be said to be good when they can improve performance in the learning process (Efendi, 2020). By improving performance in each learning process, especially in economics lessons, will increase the absorption of economic literacy so that they can make good decisions (Efendi et al, 2019).

### **Conclusion**

Based on the results and discussion in the research, we can conclude that; 1). The school environment has a positive and significant influence on the absorption of economic learning, 2). Learning motivation has a positive and significant effect on the absorption of economic learning, 3). The school environment and learning motivation together affect the absorption of economic learning by 29.9% and 70.1% is influenced by variables outside this research. Together with the limitations in this research, it can be used as reference material for further research in the future

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