Book of Abstracts

2nd International Conference on Education, Science, and Technology (ICEST) **"ENHANCING EDUCATION, SCIENCE, AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT"**

Makassar, March 11th - 12th, 2017

THE EFFECT OF OPEN BOOK TEST MODEL IN IMPROVING STUDENTS' LEARNING MOTIVATION

By

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Introduction

Msila (2014) and Rakes (2006) states that the test by opening a book can provide learning opportunities for the students to have more realistic emphasis on high-level thinking skills.

Background

Based on the results of preliminary observation found that most students consider that the statistics courses at STMIK AKBA filled with computation that are not much different from the subjects of mathematics that require high knowledge of analytical techniques. Furthermore, the value of learning outcomes of the statistics course on the odd semester of 2014/2015 year at STMIK AKBA shows that the students who get an A was 5%, the value of B by 20%, the value of C by 50%, the value of D by 10% and the value of E was 15%.

Methods

This type of research is a kind of true experimental study. The subjects in this study were the students majoring in informatics engineering.

Data analysis used descriptive statistics and inferential with the help of SPSS version 20.00.

Criteria analysis results are: If $t_{\text{arithmetic}} \geq t_{\text{table}}$, or if $p\text{-value} < \alpha$, then reject H_0 and accept the alternate hypothesis. Otherwise, we accept the null hypothesis

Results

- **Descriptive analysis**

The experimental class there were 25% of the students who have high learning motivation and 75% of the students have very high motivation to learn. Whereas in control classes there were 46.7% of the students who have very low motivation to learn and 53.3% of the students have low motivation.

- **Inferential statistical**

t-count > t table ($15.440 > 2.014$) and p-value < α ($0.002 < 0.05$) so H_1 was accepted, means that there was a difference in students' learning motivation between experimental class and the control classroom.

**THANK YOU VERY MUCH
AND
WASSALAM**