

ABSTRACT

ALVIATUN SHOLIHAT. Comparative Ability of Understanding Mathematical Concepts between Students Taught with Missouri Mathematics Project Model (MMP) and Concept Attainment at SMPN 2 Jakarta. Thesis. Jakarta: Mathematics Education Program, Mathematics Department, Faculty of Mathematics and Natural Sciences, Universitas Negeri Jakarta.

The method used in this research is quasi experiment method. Sampling technique using purpose sampling and cluster random sampling. The research instrument used is the final test of the ability of understanding mathematical concepts on the subject of linear equations of one variable as much as 4 description questions. Based on the results of testing the research hypothesis, normality test with Liliefors test and homogeneity test with Fisher test. Then tested the hypothesis using t-test. The average number of scores obtained experiment class I is 17,361 and the average number of scores for experiment class II is 14,278. So the result of t-test is obtained reject H_0 . It can be concluded that the students' understanding of mathematical concepts taught by using the MMP model has the average difference and the ability to understand the mathematical concepts of students taught by the MMP model is higher than the ability to understand the mathematical concepts of students who are taught by Concept Attainment model.

Keywords: Understanding Mathematical Concepts, Missouri Mathematics Project, Concept Attainment.