

ABSTRACT

The Comparison Between TAI (*Team Assisted Individualization*) Learning Model With TS-TS (*Two Stay Two Stray*) Learning Model In The Derivative Function Material Towards Mathematical Learning Results Of Students At Grade XI In MAN Sumenep At Academic Year 2018/2019. Maulidatul Hikmah

Kata Kunci: TAI (Team Assisted Individualization) Learning Model, TS-TS (Two Stay Two Stray) Learning Model, Mathematics Learning Results

The purpose of this study is to determine whether or not there was a difference in mathematics learning outcomes of class XI in MAN Sumenep in 2018/2019 academic year which used the TAI (*Team Assisted Individualization*) learning model with TS-TS (*Two Stay Two Stray*) learning model in function derivative material.

This study applied the True-Experimental Design approach with the form Posttest-Only Control Design. The population taken is all the students of class XI-MIPA MAN Sumenep with samples of class XI-MIPA 2 as an experimental class I consisting of 41 students and class XI-MIPA 4 as an experimental class II consisting of 41 students. The instrument used was in the form of a TKAh (Final Ability Test). The data analysis was analyzed using the t-test.

The results of this research was presented from the value of t table, that was 1,990 and t count is 4,51724. Therefore, t counts more than t table with 80 degrees of freedom at a significant level of 5%, so that H_0 is rejected and H_a is accepted. This shows that there are differences in mathematics learning outcomes of class XI students of MAN Sumenep 2018/2019 academic year which uses the TAI (*Team Assisted Individualization*) learning model with TS-TS (*Two Stay Two Stray*) learning model in function derivative material.