ABSTRACT

Seftianti Hadia. " The influence of Jigsaw Type Cooperative Learning and NHT Type (*Numbered Heads Together*) Towards Students Achievement in Similarity Reaction Concept at X Grade SMA Negeri 1 Bonepantai 2011/2012 Academic Year ". Chemical Education Department, Mathematic and Natural Sciences Faculty, Gorontalo State University. Advisor 1 is Prof. Dr. H. Ishak Isa, M.Si. Advisor 2 is La Alio, S.Pd. M.Si.

The population of this research are student at X grade Semester 1 SMA Negeri 1 Bonepantai that are 5 class. By using purposive sampling get 2 class as a sample class. They are X-1 and X-2 and then class X-3 as tryout instrument class. In class X-1 implemented Jigsaw type cooperative learning, and in class X-2 implemented NHT type cooperative learning. At the end of study, both of them given a final test by using the same instrument that have been tested the validity, reliability, and difficult standard.

Based on normality testing homoginity of the result from both, find out that both of sample normal and homogeny. For hypothesis testing used t test. Based on count result t test get $t_{count} = 2,021$ and $t_{table} = 2,011$ with significant standard 0,05 and dk = 26 + 26 − 2 = 50. Clearly that $t_{count} > t_{table}$ so Ho is refused and H_I is received in real standard 0,05 means the studens achievement in similarity reaction material that teached by using jigsaw cooperative learning is the best NHT cooperative learning. From the analysis above can conclude that there is the influence of jigsaw type cooperative learning and NHT type (*Numbered Heads Together*) towards students achievement in similarity reaction concept at X grade SMA Negeri 1 Bonepantai 2011/2012 academic years.

Key word : Student Achivement, Cooperative Learning, Jigsaw, NHT.