

## ABSTRAK

**Silvana E. Situmeang, NIM 4153341045 (2015). Perbedaan Hasil Belajar Siswa Menggunakan Model Pembelajaran Kooperatif Tipe *Jigsaw* Dengan *Student Teams Achievement Division* (STAD) Pada Materi Sistem Pencernaan Makanan Manusia Kelas XI IPA SMA Negeri 6 Medan Tahun Pembelajaran 2019/2020.**

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar siswa antara model pembelajaran Kooperatif Tipe *Jigsaw* dengan *Student Teams Achievement Division* (STAD) Pada Materi Sistem Pencernaan Makanan Manusia Kelas XI IPA. Jenis penelitian yang digunakan adalah *quasi* eksperimen. Populasi dalam penelitian ini adalah seluruh siswa-siswi kelas XI IPA SMA Negeri 6 Medan sebanyak 136 orang. Sampel penelitian diambil dua kelas dimana teknik pengambilan sampel dilakukan secara acak (*random sampling*). Instrumen yang digunakan dalam penelitian ini adalah test hasil belajar berupa *pretest* dan *posttest*, yaitu sebanyak 40 soal yang telah diuji validitas, tingkat kesukaran, daya beda dan reliabilitasnya. Hasil belajar pretes siswa-siswi yang akan dibelajarkan dengan model pembelajaran kooperatif tipe *jigsaw* memiliki rata-rata  $55,08 \pm 15,91$  sedangkan postesnya  $86,58 \pm 7,77$ . Sementara itu, hasil belajar pretes siswa-siswi yang diajar dengan model pembelajaran tipe *Student Teams Achievement Division* (STAD) memiliki rata-rata  $51,04 \pm 19,69$ , sedangkan hasil belajar *posttest*nya  $73,32 \pm 8,63$ . Hasil belajar siswa-siswi yang dibelajarkan dengan Model *Jigsaw* (86,58) lebih tinggi dibandingkan dengan kelas yang dibelajarkan dengan model *Student Teams Achievement Division* (STAD) (73,32). Oleh karena itu hipotesis nihil ( $H_0$ ) ditolak dan hipotesis alternatif ( $H_a$ ) diterima.

**Kata kunci** : *Jigsaw*, *Student Teams Achievement Division* (STAD), Sistem Pencernaan Makanan Manusia, Hasil Belajar



## ABSTRACT

**Silvana E. Situmeang, NIM 4153341045 (2015). Differences in Student Learning Outcomes Using the Jigsaw Cooperative Learning Model with Student Teams Achievement Division (STAD) in the Material of the Human Food Digestion System Class XI IPA of SMA Negeri 6 Medan 2019/2020 Learning Year.**

This study aims to determine the differences in student learning outcomes between the *Jigsaw* Cooperative learning model with the Students Teams Achievement Division (STAD) in the Human Food Digestion System Topic Class XI Science. This type of research is a quasi-experiment. The population in this study was all students of class XI IPA of SMA Negeri 6 Medan as many as 136 people. The study sample was taken in two classes where the sampling technique was carried out randomly (random sampling). The instrument used in this study is a test of learning outcomes in the form of pretest and posttest, as many as 40 questions that have been tested for validity, difficulty level, different power and reliability. Students pretest learning outcomes that will be taught with the jigsaw type comparative learning model have mean of  $55.08 \pm 15.91$  while the posttest was  $86.58 \pm 7.77$ . Meanwhile, students pretest learning outcomes taught by the *Student Teams Achievement Division* (STAD) type of learning model have mean of  $51.04 \pm 19.69$ , while the posttest learning outcomes was  $73.32 \pm 8.63$ . Students learning outcomes taught by the *Jigsaw* Model (86.58) was higher than those taught by the *Student Teams Achievement Division* (STAD) model (73.32). Therefore the null hypothesis ( $H_0$ ) is rejected and the alternative hypothesis ( $H_a$ ) is accepted.

**Keywords:** *Jigsaw*, *Student Teams Achievement Division* (STAD), Human Food Digestion System, Learning Outcomes

