ABSTRAK

Aditya, Cahya Pratama 2019. *Perbedaan Hasil Belajar Matematika Menggunakan Model Pembelajaran Kooperatif Tipe Student Teams Achievement Division (STAD) dan Problem Based Learning (PBL) di SMP Negeri 3 Taman*. Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas PGRI Adi Buana Surabaya. Pembimbing : Drs. Susilo Hadi, M.Pd.

Kata Kunci : Model pembelajaran STAD, model pembelajaran PBL, hasil belajar

Penelitian ini dilatarbelakangi oleh menurunnya nilai UNBK pelajaran matematika setiap tahunnya, pada tahun 2016 nilai rata-rata UNBK adalah 61,33, dan turun menjadi 52,69 pada tahun 2017, pada tahun 2018 nilai rata-rata menjadi semakin rendah yaitu 31,38 (Kemdikbud).

Adapun tujuan dari penelitian ini adalah untuk mengetahui perbedaan hasil belajar matematika menggunakan model pembelajaran kooperatif tipe *Student Teams Achievement Division* (STAD) dan *Problem Based Learning* (PBL) di SMP Negeri 3 Taman.

Penelitian ini menggunakan pendekatan kuantitatif eksperimen dengan desain penelitian *true Experiment Design* tipe *Posttest-Only Control Design*. Populasi dari penelitian ini adalah seluruh siswa kelas VIII di SMP Negeri 3 Taman, sedangkan sampel dari penelitian ini adalah kelas VIII-B sebanyak 33 siswa dan kelas VIII-E sebanyak 33 siswa.

Hasil penelitian menunjukkan bahwa terdapat perbedaan hasil belajar matematika antara model pembelajaran kooperatif tipe *Student Teams Achievement Division* (STAD) dan *Problem Based Learning* (PBL).

ABSTRACT

Aditya, Cahya Pratama 2019. Differences in Mathematics Learning Outcomes Using Cooperative Learning Models of Student Teams Achievement Division (STAD) and Problem Based Learning (PBL) models at Taman Negeri 3 Middle School. Mathematics Education Study Program. Faculty of Teacher Training and Education. University of PGRI Adi Buana Surabaya. Advisor: Drs. Susilo Hadi, M.Pd.

Keywords: STAD learning model, PBL learning model, learning outcomes

This research is motivated by a decline in the UNBK score of mathematics each year, in 2016 the average score of UNBK was 61.33, and it dropped to 52.69 in 2017, in 2018 the average score became lower at 31.38 (Ministry of Education and Culture).

The purpose of this study was to determine the differences in mathematics learning outcomes using cooperative learning models of Student Teams Achievement Division (STAD) and Problem Based Learning (PBL) in Taman Negeri 3 Middle School.

This study uses a quantitative approach to experiment with research design true Experiment Design type Posttest-Only Control Design. The population of this study were all eighth grade students in SMP Negeri 3 Taman, while the samples from this study were class VIII-B as many as 33 students and class VIII-E as many as 33 students.

The results showed that there were differences in mathematics learning outcomes between cooperative learning models of Student Teams Achievement Division (STAD) and Problem Based Learning (PBL).