

ABSTRAK

Nuring Satiti. 2012. Keaktifan dan Hasil Belajar Siswa pada Pokok Bahasan Statistika dengan Metode Kooperatif Tipe *Numbered Heads Together* SMA BOPKRI 2 Yogyakarta Tahun Ajaran 2011/2012. Skripsi. Program Studi Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta.

Penelitian dalam skripsi ini bertujuan untuk mengetahui: (1) tingkat keaktifan siswa dengan metode kooperatif tipe *Numbered Heads Together*; (2) hasil belajar siswa pada pokok bahasan statistika dengan metode kooperatif tipe *Numbered Heads Together* SMA BOPKRI 2 Yogyakarta Tahun Ajaran 2011/2012.

Penelitian ini termasuk penelitian campuran (kualitatif deskriptif dan kuantitatif), Subyek penelitian ini adalah siswa-siswi SMA BOPKRI 2 Yogyakarta kelas XI IPS 3 semester 1 tahun ajaran 2011/2012 yang berjumlah 22 siswa. Pokok bahasan dalam penelitian ini adalah statistika untuk data tunggal meliputi ukuran pemusatan kumpulan data dan ukuran letak kumpulan data. Pengumpulan data diperoleh melalui dokumentasi, catatan lapangan, Lembar Kerja Siswa, lembar pengamatan untuk mengetahui keaktifan siswa dengan diterapkannya metode kooperatif tipe *Numbered Heads Together* dan tes siswa untuk mengetahui hasil belajar siswa dengan diterapkannya metode kooperatif tipe *Numbered Heads Together*. Tes siswa terdiri dari pre-tes yang dilakukan di awal penelitian dan pos-tes pada akhir penelitian. Alat ukur untuk keaktifan siswa adalah Lembar Pengamatan Keaktifan siswa yang terdiri dari 10 kriteria keaktifan siswa selama diskusi kelompok dan 8 kriteria keaktifan siswa selama diskusi umum, sedangkan hasil belajar siswa menggunakan tes pre-tes dan postes dengan memenuhi SK-KD dari pokok bahasan statistika pada data tunggal yang meliputi ukuran pemusan dan ukuran letak kumpulan data, serta memenuhi kriteria-kriteria dari aspek kognitif.

Dari hasil analisis dapat disimpulkan: (1) tingkat keaktifan siswa dengan diterapkannya metode kooperatif tipe *Numbered Heads Together* tergolong rendah dengan prosentase rata-rata keaktifan siswa secara keseluruhan adalah 0% kriteria tinggi, 43,18% kriteria cukup dan 56,82% masuk dalam kriteria rendah; (2) hasil belajar siswa setelah proses penelitian dengan diterapkannya metode kooperatif tipe *Numbered Heads Together* mengalami kenaikan dari nilai rata-rata hasil belajar setiap tes pre-tes adalah 7,18 dan pos-tes adalah 7,68.

Kata kunci: metode *Numbered Heads Together*, keaktifan, dan hasil belajar

ABSTRACT

Nuring Satiti 2012. The Activity and Result of Student Learning on the Subject of Statistics with the Type of Cooperative Method Numbered Heads Together in BOPKRI 2 Senior High School Yogyakarta Year 2011/2012. Thesis. Mathematic Education Study Program, Faculty of Teacher Training and Education, Sanata Dharma University, Yogyakarta.

This research has aims to know: (1) the rank of the activity of the student with type of cooperative method; (2) the result of student learning on the subject of statistics with the type of cooperative method *Numbered Heads Together* in BOPKRI 2 Senior High School Yogyakarta Year 2011/2012.

This research is descriptive qualitative and quantitative. The subject of this research is the 22 students of BOPKRI 2 Senior High School which are in social sciences 3 eleven grade semester 1 year 2011/2012. The content of this research is the statistics for single data which consist of the measurement of centralization of data set and the measurement of location of data set. The data were taken by documentation, field notes, the student work sheet, observation sheet to know the student activity by applying the type of cooperative method *Numbered Heads Together*. The students test consists of pre-test which was conducted at the beginning of this research and pos-test which was conducted at the end of this research. The instrument of student activity was from student activity observation sheet which consists of 10 criteria of the student activity during group discussion and 8 criteria of the student activity during general discussion, while the result of student learning which used pre-test and pos-test was to fulfil SK-KD of the statistics for single data which consists of the measurement of centralization data set and the measurement of location data set and to fulfil the criteria of cognitive aspect.

The result of this research can be concluded: (1) the rank of the student activity which applied by the type of cooperative method *Numbered Heads Together* is low. The overall student activity has an average percentage 0% for high criteria, 43,18% for sufficient criteria and 56,82% for low criteria; (2) the result of student learning after process of research by applying the type of cooperative method *Numbered Heads Together* increase which is from the average of the result of pre-test is 7,18 and pos-test 7,68.

Key word: Method Numbered Heads Together, activity, and result learning.