

ABSTRAK

RAHIMATUL ISLAMI ELMUJAHIDAH. Peningkatan Kemampuan Komunikasi Matematis dan Motivasi Belajar Dengan Menggunakan Model Pembelajaran Means ends Analysis (MeA) Pada Siswa Kelas VIII MTs. Al-Washliyah Tembung. Tesis. Program Pascasarjana Universitas Negeri Medan, 2019.

Penelitian ini bertujuan untuk mengetahui : (1) peningkatan kemampuan komunikasi dan motivasi belajar matematis siswa yang memperoleh pembelajaran Means ends Analysis (MeA) dan pembelajaran biasa, (2) interaksi antara model pembelajaran dan kemampuan awal matematika siswa terhadap peningkatan kemampuan komunikasi dan motivasi belajar matematis siswa. Penelitian ini dilaksanakan di MTs. Al-Washliyah Tembung Kabupaten Deli serdang. Jenis penelitian yang digunakan adalah kuasi eksperimen. Populasi dalam penelitian ini terdiri dari seluruh siswa MTs. Al-Washliyah Tembung, sedangkan sampelnya terbagi dua jenis yaitu VIII-1 sebagai kelas eksperimen dan VIII-2 sebagai kelas kontrol yang masing-masing berjumlah 32 siswa. Pengambilan sampel dilakukan melalui teknik *purposive sampling*. Instrumen penelitian yang digunakan adalah tes kemampuan komunikasi matematis dan angket motivasi belajar matematis siswa. Analisis data dilakukan dengan analisis kovarian (ANAKOVA) dan *N-Gain*. Hasil penelitian menunjukkan bahwa (1) Peningkatan kemampuan komunikasi matematis dan motivasi belajar matematika siswa yang memperoleh model pembelajaran Means ends Analysis (MeA) lebih tinggi daripada peningkatan kemampuan komunikasi matematis dan motivasi belajar matematika siswa yang memperoleh model pembelajaran biasa. Hasil rerata peningkatan kemampuan komunikasi matematis yang diberi model pembelajaran Means ends Analysis (MeA) dan model pembelajaran biasa masing-masing sebesar 0,46 dan 0,13, dan rerata peningkatan motivasi belajar matematis siswa masing-masing sebesar 0,52 dan 0,18. (2) Tidak terdapat interaksi antara model pembelajaran dan kemampuan awal matematika siswa terhadap peningkatan kemampuan komunikasi matematis dan motivasi belajar matematika siswa.

Kata Kunci : Pembelajaran Means ends Analysis (MeA), Kemampuan Komunikasi Matematis ,Motivasi Belajar.

ABSTRACT

RAHIMATUL ISLAMI ELMUJAHIDAH. Improvement of The Student's Mathematical Communication Ability and Learning Motivation by using Learning Model Means ends analysis (MeA) of Eight Grade in MTs. Al-Washliyah Tembung Kabupaten Deli Serdang. A Thesis. Medan. Post Graduate Program. University Of Medan, 2019.

This purposes of this research are: (1) the improvement communication ability and learning motivation mathematically of the students by using Means ends Analysis (MeA) and conventional learning, (2) the interaction between Means Ends analysis (MeA) model and first mathematics ability of students for improve communication ability and learning motivation mathematically. This research was conducted in MTs. Alwashliyah Tembung Kabupaten Deli Serdang. The kinds of research was quasi-experiment. The population of this research was all student MTs. Alwashliyah Tembung while the sample divided by two kinds they are VIII-1 classas experiment and VIII-2 as control class. The sums of student for each class are 32 students. The sampling was done through purposive sampling technique. The research instrument which used were a test of mathematical communication ability and questionnaire of student learning motivation mathematically. Data analysis was performed with covariance analysts (ANACOVA) and N-Gain. The results showed that (1)The improvement the student's communication ability and motivation to learn of students who received means ends analysis learning was higher than the improvement of communication ability and learning motivation who received conventional learning. The average of the improvement mathematical communication of students by using Means ends Analysis (MeA) learning and conventional learning are 0.46 and 0.13, and the average of students by using Means ends Analysis (MeA) and conventional learning are 0.52 and 0.18. (2) No interaction between learning model and first ability mathematics of students in the improvement ability mathematical communication and students learning motivation.

Keywords :Means ends Analysis (MeA Learning), Mathematical Communication Ability, Learning Motivation.

