ABSTRAK

FRESLY JULIARTA. Pengaruh Model Pembelajaran dan Lokasi Sekolah Terhadap Kemampuan Komunikasi Matematis Siswa. Tesis. Medan: Program Studi Pendidikan Matematika Pascasarjana Universitas Negeri Medan.2020.

Tujuan penelitian ini adalah untuk mengetahui: (1) Pengaruh model pembelajaran terhadap kemampuan komunikasi matematis siswa, (2) Pengaruh lokasi sekolah terhadap kemampuan komunikasi matematis siswa, (3) Interkasi antara model pembelajaran dan lokasi sekolah terhadap komunikasi matematis siswa. Populasi penelitian adalah sepuluh sekolah yang berada di kota Medan dan sepuluh sekolah yang ada di daerah Rantauprapat tahun pelajaran 2018/2019. Sampel peneltian ini diambil secara dua kelas yang terpilih. Instrument penelitian yang digunakan adalah tes kemapuan komunikasi matematis siwa. Analisis data dilakukan dengan Anava dua jalur. Hasil peneltian ini menunjukkan bahwa: (1) Terdapat pengaruh model pembelajaran terhadap kemampuan komunikasi matematis siswa, (2) Terdapat pengaruh lokasi sekolah terhadap kemampuan komunikasi matematis siswa, (3) Terdapat interkasi antara model pembelajaran dan lokasi sekolah terhadap komunikasi matematis siswa dengan letak lokasi siswa terhadap kemampuan komunikasi matematis siswa.

Kata Kunci: Model Pembelajaran *Probelem Based Learning, Discovery Learning*, Kemampuan Komunikasi, Letak Lokasi Sekolah.

ABSTRACT

FRESLY JULIARTA. The Effect of Learning Models and School Locations on Students' Mathematical Communication Capabilities. Thesis. Medan: Postgraduate Mathematics Education Study Program, Medan State University 2020.

The purpose of this study was to determine: (1) The effect of learning models on students' mathematical communication skills, (2) The influence of school locations on students' mathematical communication skills, (3) The interaction between learning models and school locations on students' mathematical communication. The study population was ten schools in the city of Medan and ten schools in the Rantauprapat area in the academic year 2018/2019.

The research sample was taken in two selected classes. The research instrument used was a mathematical communication ability student test. Data analysis was carried out with Anava two paths. The results of this study indicate that: (1) There is an influence of learning models on students' mathematical communication skills, (2) There is an influence of school locations on students' mathematical communication skills, (3) There is an interaction between learning models and school locations on students' mathematical communication with location students towards students' mathematical communication skills.

Keywords: Probelem Based Learning Learning Model, Discovery Learning, Communication Ability, School Location.