

ABSTRAK

NIHDAYATI PANE. Peningkatan Kemampuan Berpikir Kreatif Matematis dan *Self-Confidence* Siswa Melalui Penerapan *Model Eliciting Activities* (MEAs) Ditinjau dari Gender Siswa. Tesis. Medan: Program Studi Pendidikan Matematika Pascasarjana Universitas Negeri Medan. 2017.

Kata Kunci: Kemampuan Berpikir Kreatif Matematis, *Self-Confidence*, *Model Eliciting Activities*

Tujuan dari penelitian ini adalah untuk mengetahui: peningkatan kemampuan berpikir kreatif matematis dan *self-confidence* siswa kelas X SMA Negeri 1 Barus yang diajarkan dengan *Model Eliciting Activities* (MEAs); serta untuk melihat apakah terdapat interaksi antara pembelajaran dengan gender siswa terhadap kemampuan berpikir kreatif matematis dan *self-confidence* siswa. Jenis penelitian ini merupakan penelitian *quasi experiment*. Populasi dari penelitian ini adalah seluruh siswa SMA Negeri 1 Barus. Sampel pada penelitian ini adalah 32 siswa kelas X-1 sebagai kelas eksperimen dan 32 siswa kelas X-2 sebagai kelas kontrol melalui metode *purposive sampling*. Data dalam penelitian ini dianalisis dengan menggunakan ANAVA 2 Jalur.

Hasil validasi pada tes kemampuan berpikir kreatif matematis diperoleh nilai signifikan rata-rata 0,82, sedangkan nilai reliabilitas tes diperoleh hasil 0,87. Hasil penelitian yang diperoleh: (1) Peningkatan kemampuan berpikir kreatif matematis dan *self confidence* siswa yang memperoleh pembelajaran *Model Eliciting Activities* (MEAs) lebih tinggi daripada kemampuan berpikir kreatif matematis dan *self-confidence* siswa yang memperoleh pembelajaran konvensional; (2) Tidak terdapat interaksi antara pembelajaran dengan gender siswa terhadap peningkatan kemampuan berpikir kreatif matematis dan *self confidence* siswa.

ABSTRACT

NIHDAYATI PANE. Improving The Ability Of Creative Thinking Mathematically And Self-Confidence Student Through Application Model Eliciting Activities (MEAs) Review From Student Gender . Thesis. Medan: Postgraduate of Study Mathematics Education Program, State University of Medan. 2017.

Keywords : The Ability of Creative Thinking Mathematically, Self-Confidence, Model Eliciting Activities

The purpose of this research was to determine: improving the ability of mathematical and self-confidence of students of class X of SMA Negeri 1 Barus taught by Model Eliciting Activities (MEAs), and to view whether there was interaction between learning with student's gender to the ability of Creative Thinking Mathematically and student self-confidence. This type of research was a quasi-experiment research. The population in this study was all students of SMA Negeri 1 Barus. The sample in this research were 32 students of X-1 class as experiment class and 32 students of class X-2 as control class through purposive sampling method. The data in this research were analyzed by using ANAVA 2 Path.

The validation result on the test of creative thinking ability got the significance value 0,82, meanwhile the test reliability value got the result 0,87. The results obtained: (1) Increased ability of creative thinking mathematically and self-confidence of students who gained learning Eliciting Activities Model (MEAs) was higher than the ability to think creatively mathematically and self-confidence students who obtained conventional learning; (2) There was no interaction between learning and gender of students towards the improvement of the ability of creative thinking mathematically and student self-confidence

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