

## ABSTRAK

**AHMAD ISNAINI.** Perbedaan Kemampuan Berpikir Reflektif Dan Self Confidence Antara Model Pembelajaran Creative Problem Solving Dan Discovery Learning Ditinjau Dari Gender. Tesis. Medan: Program Studi Pendidikan Matematika Pasca Sarjana Universitas Negeri Medan, 2019.

Penelitian ini bertujuan untuk melihat perbedaan kemampuan berpikir reflektif matematis dan Self Confidence siswa antara siswa yang diajarkan dengan model pembelajaran Creative Problem Solving dan model pembelajaran Discovery Learning jika ditinjau dari gender. Analisis data hasil penelitian menggunakan Anava dua jalur untuk melihat pengaruh Gender dan Model pembelajaran terhadap kemampuan berpikir reflektif matematis siswa dan Self Confidence siswa. Setelah ditemukan pengaruh Gender dan Model pembelajaran, dilakukan uji lanjut pasca Anava menggunakan metode Scheffe'. Hasil yang diperoleh antara lain sebagai berikut: Terdapat pengaruh Gender terhadap kemampuan berpikir reflektif matematis siswa dan Self Confidence siswa, terdapat pengaruh Model pembelajaran terhadap kemampuan berpikir reflektif matematis siswa dan Self Confidence siswa, tidak terdapat interaksi antara Gender dan Model pembelajaran terhadap kemampuan berpikir reflektif matematis siswa dan Self Confidence siswa. Dengan uji lanjut pasca Anava dengan metode Scheffe', diperoleh hasil bahwa terdapat perbedaan kemampuan berpikir reflektif matematis antara model Creative Problem Solving dengan model Discovery Learning. Siswa lelaki memiliki kemampuan berpikir reflektif matematis yang lebih baik dari siswa perempuan dan model pembelajaran Discovery Learning memberikan hasil kemampuan berpikir reflektif matematis yang lebih baik dari pada model Creative Problem Solving. Hasil lain dengan uji lanjut pasca Anava dengan metode Scheffe', diperoleh hasil bahwa terdapat perbedaan Self Confidence antara model Creative Problem Solving dengan model Discovery Learning. Siswa perempuan memiliki Self Confidence yang lebih baik dari siswa lelaki dan model pembelajaran Creative Problem Solving memberikan hasil Self Confidence yang lebih baik dari pada model Discovery Learning.

Kata Kunci: Creative Problem Solving, Discovery Learning, Kemampuan Berpikir Reflektif, Self Confidence

## ABSTRACT

**AHMAD ISNAINI.** Differences in Reflective Thinking Ability and Self Confidence Between Creative Problem Solving and Discovery Learning Learning Models Based On Gender. Thesis. Medan: Postgraduate Mathematics Education Study State University of Medan, 2019.

This study aims to look at differences in mathematical reflective thinking abilities and students' Self Confidence between students who are taught with Creative Problem Solving learning models and Discovery Learning learning models when viewed from gender. Data analysis of the results of the study used two-way ANAVA to see the effect of Gender and learning models on students' mathematical reflective thinking abilities and student's Self Confidence. After finding the influence of Gender and learning model, a post-Anava test was carried out using the Scheffe method. The results obtained are as follows: There is an effect of Gender on students 'mathematical reflective thinking abilities and students' Self Confidence, there is an influence of learning models on students 'mathematical reflective thinking abilities and students' Self Confidence, there is no interaction between Gender and Learning models on mathematical reflective thinking abilities students and students' Self Confidence. With post-Anava further tests using the Scheffe method ', the results show that there are differences in mathematical reflective thinking ability between the Creative Problem Solving model and the Discovery Learning model. Male students have better mathematical reflective thinking abilities than female students and the Discovery Learning learning model provides better mathematical reflective thinking abilities than the Creative Problem Solving model. Other results with post-Anava further tests using the Scheffe method ', the results obtained that there are differences in Self Confidence between the Creative Problem Solving model with the Discovery Learning model. Female students have better Self Confidence than male students and the Creative Problem Solving learning model provides better Self Confidence results than the Discovery Learning model.

Keyword: Creative Problem Solving, Discovery Learning, Reflective Thinking, Self Confidence