

ABSTRAK

Windi Rezki, 4151111108 (2022). Meta Analisis Pengaruh Model Pembelajaran Kooperatif Tipe *Think Pair Share* Terhadap Kemampuan Berpikir Matematis.

Penelitian ini bertujuan untuk mengetahui: (1) Besar pengaruh model pembelajaran kooperatif tipe *Think Pair Share* terhadap kemampuan berpikir matematis secara keseluruhan, (2) Besar pengaruh model pembelajaran kooperatif tipe *Think Pair Share* terhadap kemampuan berpikir matematis berdasarkan jenjang pendidikan, (3) Besar pengaruh model pembelajaran kooperatif tipe *Think Pair Share* terhadap kemampuan berpikir matematis berdasarkan kemampuan berpikir matematis yang diukur. Jenis penelitian ini adalah deskriptif kuantitatif. Populasi dalam penelitian ini adalah artikel pada jurnal nasional ataupun internasional dengan rentang tahun 2018 sampai dengan 2022. Penelitian ini menggunakan metode meta analisis. Teknik sampling menggunakan *purposive sampling* dan didapatkan 15 artikel jurnal yang sesuai dengan kriteria. Teknik pengumpulan data menggunakan dokumentasi dengan bantuan *software publish or perish*. Teknik analisis data yang digunakan adalah teknik analisis besaran pengaruh *Cohen's d effect size*. Hasil meta analisis menunjukkan bahwa: (1) Secara umum, model pembelajaran kooperatif tipe *Think Pair Share* memberikan pengaruh yang besar terhadap peningkatan kemampuan berpikir matematis siswa dengan rata-rata *effect size* sebesar 1,051. (2) Berdasarkan jenjang pendidikan, model pembelajaran kooperatif tipe *Think Pair Share* memiliki pengaruh yang besar terhadap kemampuan berpikir matematis siswa pada tingkat SMA/SMK/MA lebih tinggi daripada tingkat SMP/MTs dengan nilai rata-rata *effect size* sebesar 1,343. (3) Berdasarkan kemampuan berpikir matematis yang diukur, penggunaan model pembelajaran kooperatif tipe *Think Pair Share* memiliki pengaruh yang besar terhadap kemampuan komunikasi matematis dengan nilai rata-rata *effect size* sebesar 1,656.

Kata Kunci: Meta Analisis, *Think Pair Share*, Kemampuan Berpikir Matematis



ABSTRACT

Windi Rezki, 4151111108 (2022). *Meta-Analysis The effect of the Think Pair Share Cooperative Learning Model on Mathematical Thinking Skills.*

This study aims to determine: (1) The effect of the Think Pair Share cooperative learning model on the ability to think mathematically as a whole, (2) The influence of the Think Pair Share cooperative learning model on the ability to think mathematically based on educational level, (3) The magnitude of the influence cooperative learning model type Think Pair Share on the ability to think mathematically based on the ability to think mathematically measured. This type of research is descriptive quantitative. The population in this study were articles in national or international journals ranging from 2018 to 2022. This study used a meta-analysis method. The sampling technique used purposive sampling and obtained 15 journal articles that match the criteria. Data collection techniques use documentation with the help of publish or perish software. The data analysis technique used is the Cohen's d effect size analysis technique. The results of the meta-analysis show that: (1) In general, the Think Pair Share cooperative learning model has a major influence on improving students' mathematical thinking skills with an average effect size of 1,051. (2) Based on the level of education, the Think Pair Share cooperative learning model has a large influence on students' mathematical thinking skills at the SMA/SMK/MA level which is higher than the SMP/MTs level with an average effect size value of 1,343. (3) Based on the ability to think mathematically measured, the use of cooperative learning model type Think Pair Share has a great influence on mathematical communication skills with an average effect size of 1,656.

Keywords: *Meta Analysis, Think Pair Share, Mathematical Thinking Ability*

