

**KORELASI ANTARA KECEMASAN MATEMATIS DAN HASIL
BELAJAR MATEMATIKA SISWA: STUDI META-ANALISIS
DI INDONESIA**

TESIS

Diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar Magister
Pendidikan pada Program Studi Pendidikan Matematika



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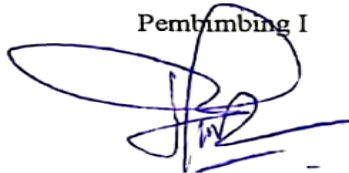
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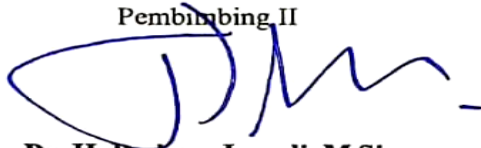
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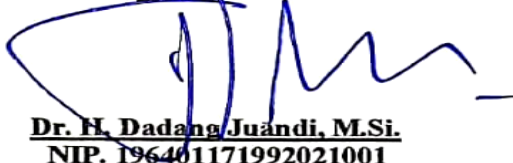
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ABSTRAK

Suci Tawaldi (2022). Korelasi antara Kecemasan Matematis dan Hasil Belajar Matematika Siswa: Studi Meta-Analisis di Indonesia

Beragam studi meta-analisis terkait korelasi antara kecemasan matematis dan hasil belajar matematika siswa sudah pernah dilakukan oleh peneliti sebelumnya, namun temuan mereka belum fokus mengkaji hubungan antara kecemasan matematis dan hasil belajar matematika di wilayah Indonesia. Penelitian ini bertujuan untuk mensintesis dan menginvestigasi kekuatan korelasi antara kecemasan matematis (*Math Anxiety*) dan hasil belajar matematika siswa di Indonesia, serta untuk mensintesis dan menginvestigasi beberapa faktor moderator yang diperkirakan berpotensi menyebabkan heterogenitas korelasi antara kecemasan matematis dan hasil belajar matematika siswa diantaranya jenjang pendidikan dan demografi siswa. Sebanyak 31 studi empiris yang mengeksplorasi korelasi antara kecemasan matematis dan hasil belajar matematika siswa yang dilakukan dari tahun 2010 hingga 2021 diidentifikasi dan disintesis secara statistik melalui teknik meta-analisis pada penelitian ini. Temuan penelitian menunjukkan bahwa secara keseluruhan terdapat korelasi negatif lemah dan signifikan secara statistik ($r = -0,197$) antara kecemasan matematis dan hasil belajar matematika siswa. Selanjutnya temuan dari analisis moderator menunjukkan bahwa heterogenitas korelasi antara kecemasan matematis dan hasil belajar matematika siswa secara signifikan tidak disebabkan oleh jenjang pendidikan dan demografi siswa. Penelitian ini memberikan informasi dan wawasan pada tenaga pendidik, praktisi pendidikan dan orang tua bahwa penting untuk memperhatikan kecemasan yang dialami oleh siswa, berupaya mengatasi dan mengurangi kecemasan yang dialami siswa melalui beberapa strategi dan solusi, demi terwujudnya hasil belajar matematika yang diharapkan.

Kata kunci: Kecemasan Matematis, Hasil Belajar Matematika Siswa, Meta-Analisis

ABSTRACT

Suci Tawaldi (2022). The Correlation Between Mathematics Anxiety and Students' Mathematics Learning Outcomes: Meta-Analysis Study in Indonesia

Previous researches have conducted various meta-analysis studies about mathematics anxiety and students' mathematics learning outcomes. However, none of these studies have focused yet on the Indonesia region. This study aims to synthesize and to examine the correlation strength between mathematics anxiety and the students' mathematics learning outcomes. It synthesizes and investigates several moderator factors that can potentially cause heterogeneity. Some of those are education level and students' demographics. In this research, 31 empirical studies collected between 2010 and 2021 have identified and synthesized statistically uses the meta-analysis technique. The research shows that a low negative and statistically significant correlation exists ($r = -0,197$) between mathematics anxiety and the mathematics learning outcomes for students. Furthermore, the moderator analysis result shows that the heterogeneity correlation does not emerge significantly due to the education level factor and the students' demography. This study provides information and insights to educators, practitioners, and parents to understand that it is important to pay attention to students who experience anxiety and how to overcome and reduce the anxiety level to achieve successful mathematics learning outcomes.

Keywords: Mathematics Anxiety, Students' Mathematics Learning Outcomes, Meta-Analysis.

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