ABSTRACT

Maftuha Aini Hayatun. 2023. ***"The Effect of Group Investigation Model on Student Learning Outcomes in Grade IV Mathematics Learning at MI Darul Ulum".*** *Thesis. Lamongan Islamic University.*

The research with the title "The Effect of Group Investigation Model on Student Learning Outcomes in Grade IV Mathematics Learning at MI Darul Ulum" aims to determine the increase in math learning outcomes before using the group investigation model, how much the increase in math learning outcomes after using the group investigation model. The type of research used is quantitative research. The research design used is one group pre-test post-test design, in this design there are more accurate treatment results by comparing the situation before and after treatment. Data Analysis Techniques use differentiation, difficulty, and item sensitivity. This study uses the Wilcoxon test which obtained a Z Score value of -3,835 with a sig of 0.000 which means the Z score value is less than 0.05 so it can be stated that Ha is accepted. Thus obtaining information that there is an effect of the group investigation model on grade IV math learning outcomes at MI Darul Ulum and the average student learning outcomes show before using the group investigation model the average value is 58.70 and after the application of the group investigation model the average value is 75.22 and there is an increase in learning outcomes, the average of which increases by 16.52.

Keywords: *Group investigation model, Learning outcomes, Mathematics*

ABSTRAK

Maftuha Aini Hayatun. 2023. **"Pengaruh Model *Group Investigation* Terhadap Hasil Belajar Siswa Pada Pembelajaran Matematika Kelas IV di MI Darul Ulum".** Skripsi. Universitas Islam Lamongan.

Penelitian dengan judul "Pengaruh Model *Group Investigation* Terhadap Hasil Belajar Siswa Pada Pembelajaran Matematika Kelas IV di MI Darul Ulum" ini bertujuan untuk mengetahui peningkatan hasil belajar matematika sebelum menggunakan model *group investigation*, seberapa besar peningkatan hasil belajar matematika setelah menggunakan model *group investigation*. Adapun jenis penelitian yang digunakan adalah penelitian kuantitatif. Desain penelitian yang digunakan adalah *one group pre-test post-test design*, pada desain ini terdapat hasil perlakukan yang lebih akurat lagi dengan membandingkan keadaan sebelum dan sesudah perlakuan. Teknik Analisis Data menggunakan daya beda, kesukaran, dan sensitivitas butir soal. Penelitian ini menggunakan uji *Wilcoxon* yang didapatkan nilai Z Score -3,835 dengan sig 0,000 yang berarti nilai Z score kurang dari 0,05 sehingga dapat dinyatakan Ha diterima. Dengan demikian memperoleh keterangan bahwa terdapat pengaruh model *group investigation* terhadap hasil belajar matematika kelas IV di MI Darul Ulum dan rata-rata hasil belajar siswa menunjukkan sebelum menggunakan model *group investigation* nilai rata-rata 58,70 dan setelah penerapan model *group investigation* nilai rata-rata 75,22 dan terjadi peningkatan terhadap hasil belajar, rata-rata yang meningkat sebesar 16,52.

Kata kunci: Model *Group Investigation*, Hasil Belajar, Matematika