ABSTRACT

RESA AGUSTINA DEWI. 2023. **CORRELATION BETWEEN SELF-CONFIDENCE WITH STUDENTS' MATHEMATICAL COMMUNICATION ABILITY (Research on Grade VIII Students of SMP Negeri 10 Tasikmalaya Academic Year 2022/2023)***. Mathematics Education Study Program. Faculty of Teacher Training and Education. Siliwangi University.*

This study aims to determine the correlation between self-confidence and mathematical communication skills, describe students' self-confidence and mathematical communication skills of class VIII students at SMP Negeri 10 Tasikmalaya. The research method used is the correlational method and descriptive method. The population in this study were all class VIII students of SMP Negeri 10 Tasikmalaya for the academic year 2022/2023. The sampling technique used is simple random sampling. The sample chosen in this study was class VIII-C students at SMP Negeri 10 Tasikmalaya. The data collection technique in this study was the distribution of self-confidence questionnaires and the implementation of mathematical communication ability tests. The research instruments used were self-confidence questionnaires and mathematical communication ability test questions. The data analysis technique used to test the hypothesis is the Pearson product moment correlation test. Before carrying out the hypothesis test, a prerequisite analysis test was carried out, namely the data normality test, significance test, and regression linearity test. Based on the results of data analysis, it was concluded that there was a correlation between self-confidence and students' mathematical communication skills. Students' self-confidence is included in the medium category. Students' mathematical communication skills are included in the sufficient category.

Keywords: Correlation, Self-Confidence, Mathematical Communication Ability.