

## **ABSTRACT**

**Karyn Angelina Aritonang, IDN 4203111034 (2020). The Effect of Jigsaw Cooperative Learning Model on Students' Mathematical Communication Skills.**

This research aims to know whether the Jigsaw Cooperative Learning model affects students' mathematical communication skills and to know how effective is the Jigsaw-type cooperative learning model on students' mathematical communication skills. The design of this research is quasi-experimental. The sample of this research is students in class IX-E and students in class IX-F. The results of this research are: (1) The Jigsaw Cooperative Learning Model has a positive effect on students' mathematical communication skills. This can be seen from the significance value for the two-tailed test is observed as  $0.031 < 0.05$ . Then,  $H_0$  is rejected and  $H_a$  is accepted. (2) The effectiveness of the Jigsaw Cooperative Learning Model is taken from the N-Gain result, which is 0.16. It can be concluded that the effectiveness of the jigsaw cooperative learning model on students' mathematical communication skills is in the low category.

**Keywords: Mathematical Communication Skills, Jigsaw Cooperative Learning Model.**