

## ABSTRAK

### **Ardinsah, NIM 4171111010 (2023), Pengaruh Minat Dan Motivasi Belajar Terhadap Hasil Belajar Matematika Siswa Kelas X MAS Al-Uswah Kecamatan Kuala Kabupaten Langkat**

Tujuan penelitian ini yaitu untuk mengetahui pengaruh Minat Belajar terhadap Hasil Belajar Matematika Siswa, pengaruh Motivasi Belajar terhadap Hasil Belajar Matematika Siswa, dan pengaruh Minat dan Motivasi Belajar terhadap Hasil Belajar Matematika pada siswa Kelas X di MAS Al-Uswah, Kecamatan Kuala, Kabupaten Langkat.

Metode penelitian yang akan dilakukan adalah dengan metode eksperimen. Populasi penelitian meliputi 118 siswa Kelas X di MAS Al-Uswah dengan sampel sebanyak 42 siswa. Metode pengumpulan data melibatkan observasi, kuesioner, dan soal kuis.

Hasil penelitian menunjukkan bahwa : (1) Persamaan regresi yang diperoleh adalah:  $\hat{Y} = 8,6848 + 0,3777X_1 + 0,7135X_2$  dimana  $X_1$  mewakili minat,  $X_2$  mewakili motivasi dan  $Y$  mewakili hasil belajar matematika. (2) Uji keberartian secara simultan menghasilkan  $F_{hitung}(70,8815) > F_{tabel} (3,2381)$ , memperlihatkan adanya pengaruh Minat dan Motivasi Belajar terhadap belajar Belajar siswa sebesar 79,871%. (3) Uji keberartian secara parsial menghasilkan  $t_{hitung} (4,4594) > t_{tabel} (2,0227)$ , menyimpulkan bahwa Motivasi Belajar berpengaruh sebesar 33,775% terhadap hasil belajar siswa (4) Setelah melakukan uji keberartian secara parsial menghasilkan  $t_{hitung} (2,9600) > t_{tabel} (2,0227)$ , mengindikasikan bahwa Minat Belajar berpengaruh sebesar 18,338% terhadap hasil belajar siswa.

**Kata kunci: Minat belajar, Motivasi belajar, hasil belajar, Matematika**

## ABSTRACT

**Ardinsah, NIM 4171111010 (2023), The Influence of Interest and Learning Motivation on Mathematics Learning Outcomes of Class X MAS Al-Uswah Students, Kuala District, Langkat Regency**

The purpose of this study was to determine the effect of Learning Interest on Student Mathematics Learning Outcomes, the effect of Learning Motivation on Student Mathematics Learning Outcomes, and the effect of Learning Interest and Motivation on Mathematics Learning Outcomes in Class X students at MAS Al-Uswah, Kuala District, Langkat Regency.

The research method to be carried out is the experimental method. The study population included 118 Class X students at MAS Al-Uswah with a sample of 42 students. Data collection methods involved observation, questionnaires, and quiz questions.

The results showed that: (1) The regression equation obtained is:  $\hat{Y} = 8,6848 + 0,3777X_1 + 0,7135X_2$  where  $X_1$  represents interest,  $X_2$  represents motivation and  $Y$  represents math learning outcomes. (2) Simultaneous significance test resulted in  $F_{\text{count}} (70.8815) > F_{\text{table}} (3.2381)$ , showing the influence of Interest and Motivation on student learning by 79.871%. (3) Partial significance test results in  $t_{\text{count}} (4.4594) > t_{\text{table}} (2.0227)$ , concluding that Learning Motivation has an effect of 33.775% on student learning outcomes (4) After conducting a partial significance test results in  $t_{\text{count}} (2.9600) > t_{\text{table}} (2.0227)$ , indicating that Learning Interest has an effect of 18.338% on student learning outcomes.

**Keywords:** Learning Interest, Learning Motivation, Learning Outcomes, Mathematics