

The calculated p-value for a hypothesis equals to $p = 0.084$.

Level of significance for the test is $\alpha = 0.1$

The decision about the null hypothesis is always based on which of 2 values: p-value or significance level is bigger.

If p-value is bigger we fail to reject null hypothesis H_0 .

If significance level is bigger we reject H_0 .

In our case $p = 0.084 < 0.1 = \alpha$ so we reject H_0 .

ANSWER: reject H_0 . There is sufficient evidence to support alternative hypothesis H_1 .