

# Type I, Type II errors and Significant Levels



# Example 1:

Suppose we want to test a hypothesis that exercises has positive affect on GPA. We collect data and find  $p\text{-value} = 0.125$ . Give the outcomes the test with significant level of .05, .02, and .01.

# Example 2:

State in sentences Type 1 and Type 2 when test the hypothesis that drinking any amount of alcohol before driving increases crash risk among teen drivers.