

Quiz 08

⚠ This is a preview of the published version of the quiz

Started: Oct 23 at 7:38am

Quiz Instructions

You are welcome to peek at this page early, but it may be subject to change. It will be finalized by noon on the **[eighth Wednesday of the semester \(https://umsystem.instructure.com/courses/262290/pages/fall-2024-deadlines\)](https://umsystem.instructure.com/courses/262290/pages/fall-2024-deadlines)**. Do not start work on this page any earlier than that.

Select the appropriate answer for each question. Read the questions carefully because you only get one chance for this quiz.



Question 1 1 pts

The null hypothesis in the two-sample t-test states that the two sample means are equal.

☐

True

☐

False



Question 2 1 pts

The t distribution is like the normal distribution except that the t-distribution

☐

has a degrees of freedom parameter

☐

is more spread out

☐

is skewed



Question 3 1 pts

A Type I error is rejecting the null hypothesis when the null hypothesis is true

☐

True



False



Question 4 1 pts

Beta is the probability of a Type I error



True



False



Question 5 1 pts

You should reject the null hypothesis if the p-value is large



True



False

Quiz saved at 7:39am

[Submit Quiz](#)