

# Quiz 09

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

Started: Oct 23 at 7:58am

## 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 **ninth Wednesday of the semester** (<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 wide format places the outcomes for both groups in a single column.



True



False



Question 2 1 pts

A one-tailed or one-sided hypothesis uses  $\alpha$  instead of  $\alpha/2$  for the t-percentiles because only large changes in a single direction would support the alternative hypothesis.



True



False



Question 3 1 pts

The boxplot of the data in a two-sample t-test can help you assess which assumptions (check all that apply)



Non-normality

☐

Heterogeneity

☐

Lack of independence



Question 4 1 pts

The Mann-Whitney-Wilcoxon test is used when you have concerns about what assumption violations (check all that apply)

☐

non-normality

☐

heterogeneity

☐

lack of independence



Question 5 1 pts

You should assess for lack of independence qualitatively and look at how the data was collected.

☐

True

☐

False

Not saved

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