Richard Gonzalez
Psychology 613
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1. Instructions

In order to start the quiz you need to click on "Begin Quiz" (in green). Once you have answered all the questions, you click on "End Quiz" (in green). The tally of correct answers will appear. If you want to know which questions you answered correctly, just click on the "Correct" button (in grey). To retake the quiz click on "Begin Quiz" again.

2. Quiz 1

Begin Quiz Answer each of the following.

1. Which of the following is not a standard statistical assumption?

    normality   interval scale   equal   independence
                     data   variances

2. Skewness is a symptom of an asymmetric distribution?

    True   False

3. The Welch test is used when

| one has data that isn't normally distributed | unequal sample sizes | unequal variances | outliers |

4. The boxplot does all of the following except gives you information about

| symmetry | outliers | overlap in distributions | the statistical power of a hypothesis test |

5. If statistical assumptions aren't met for a particular data set, then a sensible course of action would be to

| run a test that doesn't make that assumption | not analyze your bad data |

6. Which is not a measure of central tendency?

| mean | variance | median | mode |

7. Why are variances pooled in the two-sample t test?

| to increase power | to decrease Type I error rate | get a better estimate of the population variance | reduce bias |

8. Loosely speaking, a t distribution occurs when one has . . . ?

equal variances	a ratio of variances	a difference between two means	an estimated divided by its standard error

End Quiz