

Congratulations! You passed!

TO PASS 80% or higher

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Question 1.04

TOTAL POINTS 1

1. What is the null hypothesis for a one-sample t test? Select all that apply.

1 / 1 point

☐ $H_0: \mu_0=0$

☐ $H_0: \mu_0-0=0$

☒ $H_0: \mu=\mu_0$

✓ Correct

A one-sample t test compares the mean calculated from a sample to a hypothesized mean. The null hypothesis of the t test is generally that the difference between the two means is 0. This can be stated as $\mu=\mu$ or $\mu-\mu=0$.

☒ $H_0: \mu-\mu_0=0$

✓ Correct

A one-sample t test compares the mean calculated from a sample to a hypothesized mean. The null hypothesis of the test is generally that the difference between the two means is 0. This can be stated as $\mu=\mu_0$ or $\mu-\mu_0=0$.