HYPOTHESIS AND SIGNIFICANCE TESTING; STATSIG NOT EQUAL TO PRACTSIG 11/14/19

Read: LN
pg L-157 - 290

-161 calcivm case stvdy

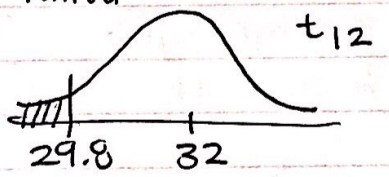
$\bar{y} = 29.8$
$s = 1.79$
$n = 13$

$$\widehat{SE}_{IID}(\bar{y}) = \frac{s}{\sqrt{n}} = \frac{1.79}{\sqrt{13}} = 0.496$$

null : $\mu = \mu_0 = 32$
alt : $\mu < \mu_0$

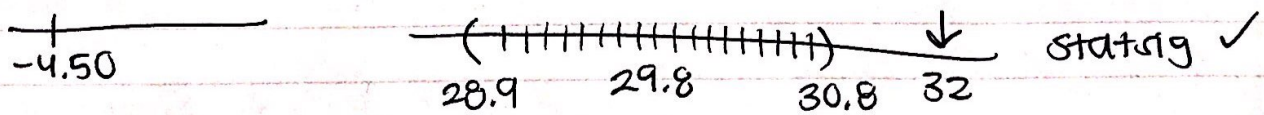
$p \leq 0.05 \Leftrightarrow$ "statsig"

1-tailed



$p = 0.0004$
ginormously statsig

95% CI



statsig ✓