

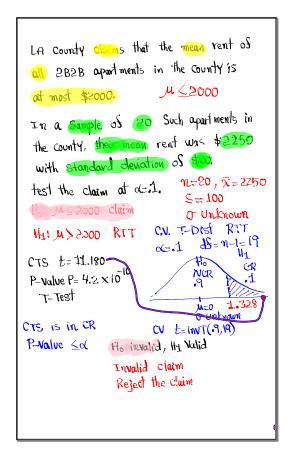
Given CTS Z=-1.027, TTT

find p-Value

2\* Avea

-1.027 M=0

2\* mormalcds(-E99, -1.021, 0, 1) = .304



Testing one population Standard deviation:

Ho: 0=00 Ho: 0 > 00

H1: T+T0 H1: T>T0 H1: O<T0

TTT

ktt Ltt

P-volue Method: to Sind F-value CTS  $\chi^2 = \frac{(n-i)S^2}{T^2}$  use  $\chi^2$ cd.

with ds=n-1

Given Ho: U=5 Chaim Ho M=10, S=4,  $\alpha=.02$ How the claim CTS  $\chi^2 = \frac{(n-1)3^2}{0^2}$ H1:  $0 \pm 5$  TTT  $= \frac{9.4^2}{5^2}$ = 5.764 2=5.76 P-Value= 2\*Smalicy Air = 2(.236) x2cdf(0,5.76,9)=1.236 1.472 Hy invalid FTR the claum

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LA times has ported that solution of prentals is at most $250.

In a survey of 12 rentals, their Stand. dev. was $275.

Test the claim at a=1.

Ho: 0 \le 250 Report CTS \(\frac{2}{2}\)\text{(n-1)}\frac{5}{5}}.

HI: 0 \rightarrow 250 RTT = \frac{(12-1) \text{-275}}{250^2}

= 13.31

P-value= \(\frac{2}{3}\) \text{-274}

P-value \(\phi\) Ho Valid = FTR the He invalid Report
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