

Conducting a two-sided T-test

The TTEST Procedure

Variable: x

N	Mean	Std Dev	Std Err	Minimum	Maximum
20	5.9530	6.1910	1.3843	-4.1000	19.2300

Mean	99% CL Mean	Std Dev	99% CL Std Dev
5.9530	1.9925 9.9135	6.1910	4.3445 10.3153

DF	t Value	Pr > t
19	0.69	0.4995

conclusion

① $5 \in 99\% \text{ CI}$

\Rightarrow not reject H_0

② $p\text{-value} = 0.4995 > \alpha$

\Rightarrow not reject H_0

99% CI \leftarrow

\rightarrow p-value

T.S.: t

