

Tutorial 8:

$$\bar{D} \pm t_{18, 0.975} * SE(\bar{D})$$

95%

0.995

0.95

0.025

$t_{18, 0.975}$

total left area is 0.975.

0.99

0.005

$t_{18, 0.995}$

total left area is 0.995

$$t_{18, 0.975} = t_{18}(0.025) \rightarrow \text{notation.}$$

CI is formed: point estimate \pm margin of error.

$\uparrow \Rightarrow$ interval
became wider