CI using t: $estimate \pm t^{\star}(se)$

Critical Values for CIs (z or t scores in bound)

Z:

90% (CL=.9 ➔ α (p-value)=1-0.90=0.1, 2T): 1.645

95% (CL=.95 ➔ α (p-value)=1-0.95=0.05, 2T): 1.96

99% (CL=.99 ➔ α (p-value)=1-0.99=0.01, 2T): 2.576

t:

90% $n = 20$ ➔ $df = n - 1 = 20 - 1 = 19$ (p-value=.1, df=19, 2T) = 1.729
http://www.statdistributions.com/t?p=0.1&df=19

95% $n = 20$ ➔ $df = n - 1 = 20 - 1 = 19$ (p-value=.05, df=19, 2T) = 2.083
http://www.statdistributions.com/t?p=0.05&df=19

99% $n = 20$ ➔ $df = n - 1 = 20 - 1 = 19$ (p-value=.01, df=19, 2T) = 2.861
http://www.statdistributions.com/t?p=0.01&df=19