

1

x	mean	standard dev	sample size	standard error	standardize	prob	1-prob
	80	100	25	64		-0.8	0.211855
					3.125	-6.4	7.77E-11
							0.788145
							1

x	mean	standard dev	sample size		standard error	standardize	prob	1-prob
37	34	4	6			0.75	0.773373	0.226627
					1.632993162	1.83711731	0.966904	0.033096

LESS MORE

Calculating Confidence Intervals

mean	alpha	standard dev	n	ucl	lcl
100		25	64		

mean	alpha	standard dev	n		ucl	lcl
34		4	6			

Calculating Z when Probability is Known

probability	z-value
0.95	1.644854

probability	z-value
	#NUM!

Calculating X when Z is Known

$$x = (z \times SD) + \text{Mean}$$

z	mean	standard dev	x
1.64485363	100	25	141.121341

z	mean	standard dev	x
#NUM!	34	4	#NUM!

normal
sampling

normal
sampling