

1

x mean standard dev sample size standard error

80 100 25 64 3.125

x	mean	standard dev	sample size		standard error
37	34	4	6		
					1.632993162

Calculating Confidence Intervals

mean alpha standard dev n ucl

100 25 64

mean	alpha	standard dev	n		ucl
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!

standardize prob 1-prob
 -0.8 0.211855 0.788145 normal
 -6.4 7.77E-11 1 sampling

standardize	prob	1-prob	
0.75	0.773373	0.226627	normal
1.83711731	0.966904	0.033096	sampling

LESS MORE

lcl

lcl