

mean differences sd known.xlsx - Microsoft Excel

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Function Library

G15 fx

	C	D	E
1			
2		Mean factory A	=AVERAGE(A2:A125)
3		Pop SD	200
4			
5			
6		Mean factory B	=AVERAGE(B2:B125)
7		Pop SD	100
8			
9		Margin of error	=1.96*(SQRT((E3^2/124)+(E7^2/124)))
10			
11		Lower limit	=(E2-E6)-E9
12		Upper limit	=(E2-E6)+E9
13			
14			
15			
16			
17			
18			

Figure 12.3