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Demo Week 3
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Tuesday, June 14, 2022 8:04 PM

$$C\rho = \frac{USL - LSL}{6\sigma} = \frac{1Y - 10}{6\sigma}$$

N= 5 , K= 25 , ER = 81.32 , ET = 276.917 , d2 (5) = 2.326

$$R = \frac{\xi R_1}{K} = \frac{81.32}{27} = 3.252$$

Cp 6 1.33, Process is NOT capable

$$\rho = \left(\frac{1}{c_{p}}\right)(100) = \left(\frac{1}{4r_{y}}\right)(100) = 104.87 \%$$

$$X = \frac{EX}{K} = \frac{396417}{27} = 15.06$$

Co is not at 14 (mean) so not the correct canabin ratio. Use Cou

BP: x=7 , S= 1.41 , N=+

95% CL, d= 0.05

$$V = \left(\frac{S_1^2}{\mu_1} + \frac{S_1^2}{\mu_2}\right)^{\frac{1}{2}} \approx q = 1 \quad \text{the form take}$$

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0.8367 & MI-M2 & 3.30

Midlest: N=100, P= 85%, counts = 85 P2

West Coast: N=200, P= 10%, events = 100 P,

80% CL , d= 0.2

2010 = 1.28 15 (From Excel)

.9-.75 ± (1.28/5) (28/5.1) + (45-1/.15)

-0.0032 & P. - P2 & 0.1032