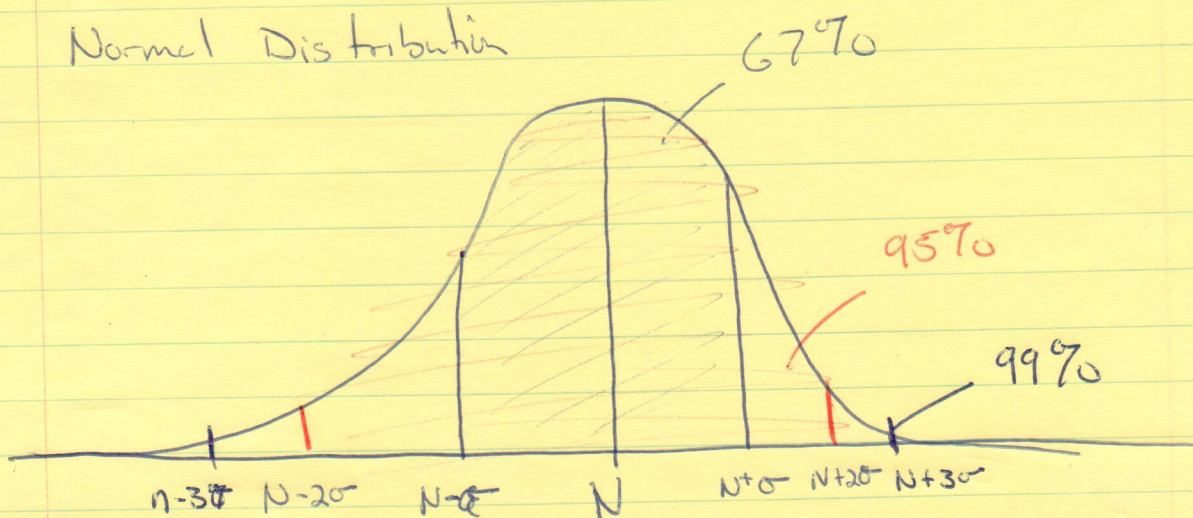






Normal Distribution

Example

$$R = 1.0 \Omega$$

$$E_R = 0.1 \Omega$$

$$V = 1.0 \text{ V}$$

$$E_V = 0.1 \text{ V}$$

Worstcase

$$I_{\text{lowest}} = \frac{V_{\text{low}}}{R_{\text{high}}} = \frac{0.9}{1.1} = 0.818 \text{ A}$$

$$I_{\text{highest}} = \frac{V_{\text{high}}}{R_{\text{low}}} = \frac{1.1}{0.9} = 1.22 \text{ A}$$

$$0.818 < I < 1.22 \text{ A}$$