

# Lec 10/28

Friday, October 28, 2016 8:32 AM

Empirical Rule: (Normal Dist) or Gaussian Dist

0.6826 within 1 SD

0.9544 within 2 SD

0.997 within 3 SD

0.95 within 1.96 SD

Z - scores.

$$Z = \frac{x - \mu}{\sigma}$$

$$Z = \frac{1}{\sigma} X - \frac{\mu}{\sigma}$$



Linear Combination