

Technical Paper 6

Variance

- A. Measure of variability
- B. Variance is applicable to interval and ratio data.
- C. Variance units are the square of the units of the original data.
- D. Population variance

$$\sigma^2 = \frac{\sum (X_i - \mu)^2}{N}$$

- E. Sample variance

$$s^2 = \frac{\sum (X_i - \bar{X})^2}{n - 1}$$