តារាងសង្ខេបរូបមន្ត

	Population	Sample	Probability
Mean	$\mu = \frac{1}{N}\sum_{i=1}^{N} X_i \ ; \ X_i \in \mathbb{R}$	$\bar{X} = \frac{1}{n}\sum_{i=1}^{n} X_i \ ; \ X_i \in \mathbb{R}$	$E(X) = \mu = \sum_{x=1}^{n} xP(X = x)$
Variance	$\sigma^2 = \frac{1}{N}\sum_{i=1}^{N}(X_i - \mu)^2$	$S^2 = \frac{1}{n-1}\sum_{i=1}^{n}(X_i - \bar{X})^2$	$V(X) = \sigma^2 = E[(X - E(X))^2] = E(X^2) - [E(X)]^2$
Covariance	$\sigma^2_{X,Y} = \frac{1}{N}\sum_{i=1}^{N}(X_i - \mu_X)(Y_i - \mu_Y)$	$S^2_{X,Y} = \frac{1}{n-1}\sum_{i=1}^{n}(X_i - \bar{X})(Y_i - \bar{Y})$	$Cov(X,Y) = \sigma^2_{X,Y} = E[(X - E(X))(Y - E(Y))] = E(XY) - E(X)E(Y)$
Correlation	$\rho = \frac{\sigma^2_{X,Y}}{\sqrt{\sigma^2_X \sigma^2_Y}}$	$r = \frac{S^2_{X,Y}}{\sqrt{S^2_X S^2_Y}}$	$\rho = \frac{\sigma^2_{X,Y}}{\sqrt{\sigma^2_X \sigma^2_Y}}$
Proportion	$\pi = \frac{1}{N}\sum_{i=1}^{N} X_i \ ; \ x \in \{0,1\}$	$p = \frac{1}{n}\sum_{i=1}^{n} X_i \ ; \ x \in \{0,1\}$	