Sample variance denominator m-1

Population variance $(\sigma^2) = \sum_{i=1}^{N} (x_i - u)^2$ u - Population mean

Sample variance $(S^2) = \sum_{i=1}^{n} (x_i - \overline{x})^2$

sample mean

Sample $=\frac{\pi}{2}(\pi i - \overline{x})^2$ Variance $=\frac{\pi}{2}(\pi i - \overline{x})^2$