

Statistics Formulas

Statistical Measures:

Mean: $\bar{x} = \frac{\sum x}{n}$ Median: middle value Mode: most frequent value(s)

Sample Variance: $s^2 = \frac{\sum (x - \bar{x})^2}{n - 1}$ or $s^2 = \frac{1}{(n - 1)} \left[\sum x^2 - \frac{(\sum x)^2}{n} \right]$

Sample Standard Deviation: $s = \sqrt{s^2}$