

Mean	$\bar{x} = \frac{\sum x_i n_i}{N}, \quad N = \sum n_i$ Number of values
Standard deviation	$\sigma = \sqrt{\frac{\sum x_i^2 n_i}{N} - \bar{x}^2}$
Percentiles	$P_k = L + a \frac{\frac{k \cdot N}{100} - N_{i-1}}{n_i}$
Deciles	$D_k = L + a \frac{\frac{k \cdot N}{10} - N_{i-1}}{n_i}$
Quartiles	$Q_k = L + a \frac{\frac{k \cdot N}{4} - N_{i-1}}{n_i}$
Median	$Me = L + a \frac{\frac{N}{2} - N_{i-1}}{n_i}, \quad Me = P_{50} = D_5 = Q_2$
Mode	$Mo = L + a \frac{\Delta_1}{\Delta_1 + \Delta_2} \quad \Delta_1 = f_i - f_{i-1}, \quad \Delta_2 = f_i - f_{i+1}$

- L Lower limit of relevant class interval
- a Amplitude of relevant class interval
- N_{i-1} Cumulative frequency of relevant class interval
- n_i Frequency of relevant class interval
- n_{i-1} Frequency of previous class of relevant class interval
- n_{i+1} Frequency of next class of relevant class interval