Mean:

$$\bar{x} = \frac{x_1 + x_2 + \ldots + x_n}{n} = \frac{\sum x}{n} = \frac{1}{n}\sum x$$

Median

$$Me = X_{Me} + i_M \frac{\frac{\sum f}{2} - S_{Me-1}}{f_{Me}}$$

Mode

$$Mo = X_{Mo} + i_{Mo} \frac{f_{Mo} - f_{Mo-1}}{(f_{Mo} - f_{Mo-1}) + (f_{Mo} - f_{Mo+1})}$$

Decile

- $$D_k = L_i + \frac{\frac{k \cdot N}{10} - F_{i-1}}{f_i} \cdot a_i$$

Quartile

- $$Q_k = L_i + \frac{\frac{k \cdot N}{4} - F_{i-1}}{f_i} \cdot a_i$$

L_i is the lower limit of the quartile class.

N is the sum of the absolute frequency.

F_{i-1} is the absolute frequency immediately below the quartile class.

a_i is the width of the class containing the quartile class.

The quartiles are independent of the widths of the classes.