Measure	Discrete series and ungrouped frequency distribution	Grouped frequency distribution
Q_1	$size\ of\ \frac{n+1}{4}\ th\ term$	$\boldsymbol{l + \frac{\frac{N}{4} - CF}{f_m} \times h}$
Q_3	$size\ of\ \frac{3(n+1)}{4}\ th\ term$	$\boldsymbol{l + \frac{\frac{3N}{4} - CF}{f_m} \times h}$
D_1	$size\ of\ \frac{n+1}{10}\ th\ term$	$\boldsymbol{l + \frac{\frac{N}{10} - CF}{f_m} \times h}$
D_7	$size\ of\ \frac{7(n+1)}{10}\ th\ term$	$\boldsymbol{l + \frac{\frac{7N}{10} - CF}{f_m} \times h}$
P_1	$size\ of\ \frac{n+1}{100}\ th\ term$	$\boldsymbol{l + \frac{\frac{N}{100} - CF}{f_m} \times h}$
P_{47}	$size\ of\ \frac{47(n+1)}{100}\ th\ term$	$\boldsymbol{l + \frac{\frac{47N}{100} - CF}{f_m} \times h}$

MODE

$$\boldsymbol{Mode = l + \frac{f_1 - f_0}{2f_1 - f_0 - f_2} \times h}$$

$where,$

$l = Lower\ boundary\ of\ modal\ class$

$f_1 = Frequency\ of\ the\ modal\ class$

$f_0 = Frequency\ of\ the\ class\ preceeding\ the\ modal\ class$

$f_2 = Frequency\ of\ the\ class\ succeeding\ the\ modal\ class$

$h = Width\ of\ the\ modal\ class$

Relation between mean, median and mode

$Mode = 3 \times (Median) - 2 \times (Mean).$