

Central location :

	Population	Sample
arithmetic mean :	$\mu = \frac{\sum X_i}{N}$	$\bar{x} = \frac{\sum X_i}{n}$

median :

1 2 3 4 5 6

3.5

mode :

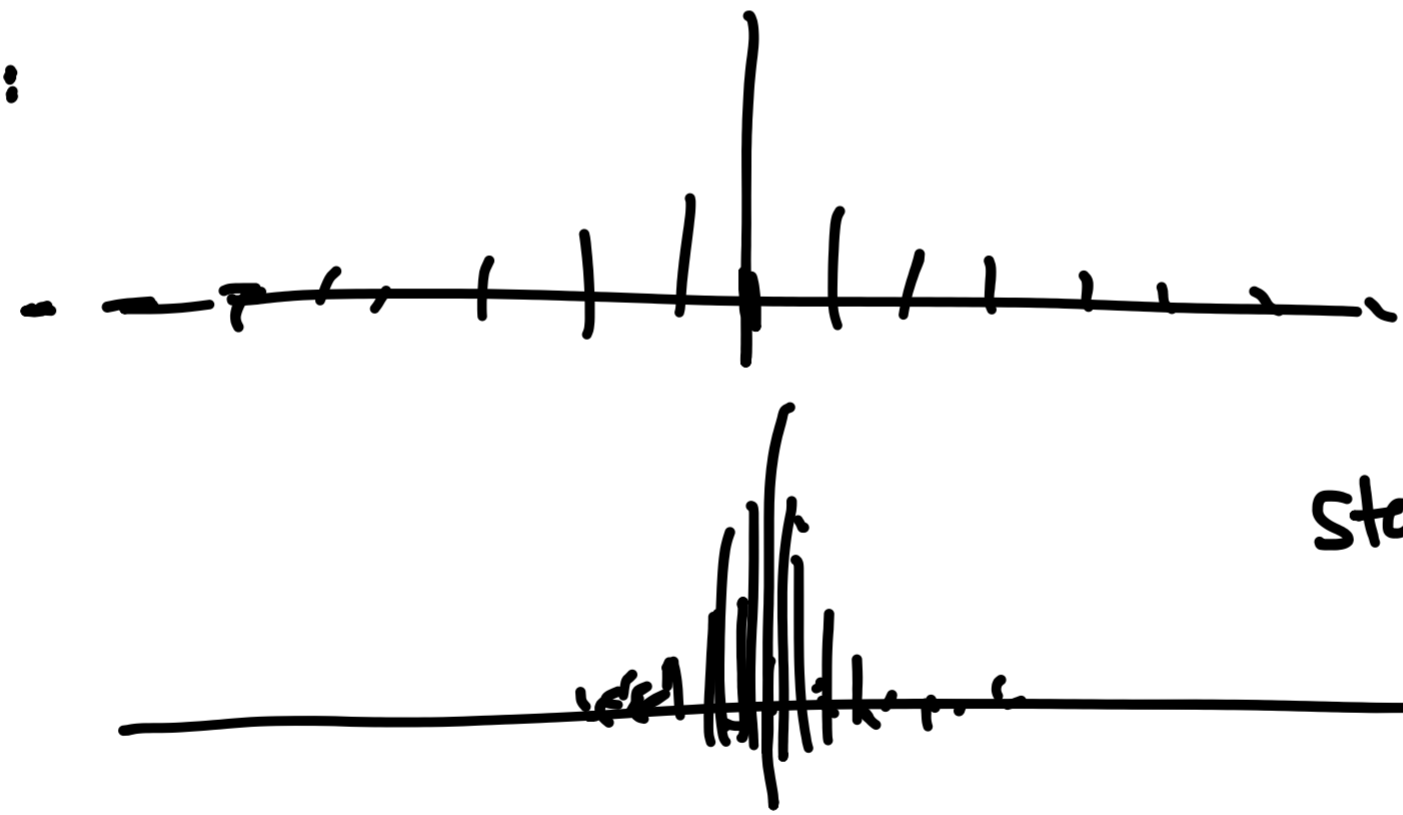
1 2 3 3 3 4 5

mode

1 2 2 3 3 4 4 5

Geometric mean :

dispersion :



• Range : H-L

• S.d.

Standard deviation

$\sqrt{\text{variance}} = \text{S.d.}$

Population

Sample

Variance σ^2

~~S^2~~

S.d. $\sigma = \sqrt{\frac{\sum (X_i - \mu)^2}{N}}$ $S = \sqrt{\frac{\sum (X_i - \bar{x})^2}{n-1}}$

d.f.