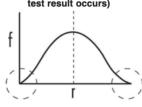
Reference Section

- χ

- r = (difference between highest & lowest result)

- Mean or average
- Deviation from the mean
- Standard deviation
- % Coefficient of variation
- Range
- Frequency
- f = (no of times any test result occurs)
- Normal distribution



NB:

To gain information about the population from samples taken from the population.

A: Samples taken must accurately represent the population otherwise information and decisions taken may be incorrect.

B: Results should be statistically analysed and quoted only to the level of accuracy to which they have been measured.

TO CALCULATE C.V% ON A CALCULATOR

- (A) Enter the calculator into the STATS mode.
- (B) Enter each number required for the calculation into the calculator using the \sum or DATA function to enter each number.
- (C) After entering all the numeric values obtain the MEAN \sum and record.
- (D) Obtain the Standard Deviation by pressing the S.D. (6th) function and record.
- (E) Divide the Standard Deviation by the mean.
- (F) Multiply by 100 to obtain the coefficient of Variation % C.V.%.



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