

• methods for measurement of seasonal variations.

(i) Method of Simple average.

Following are the steps

(a) Add all values of January for all years. Repeat the process for all mths

(b) Find avg of monthly figures i.e. divide the monthly total by no. of years. For eg. if the data for 5 yrs (on monthly basis is available) there will be 5 figures for January. These have to be totaled & divided by 5 to get avg fig of January. Similarly for other month, say you get  $x_1, x_2, x_3, \dots, x_{12}$ .

(c) calculate  $\frac{x_1 + x_2 + x_3 + \dots + x_{12}}{12} = X$

$X$  = average of monthly averages.

(d) calculate % for each month i.e. for January it is  $\frac{x_1}{X} \times 100$

Nothing's too far