1. If SD=1 (equal) for two data set, then how can I calculate variation between two data set? Or why we use CV

Ans: when, SD=1 (equal) for two data set, then we can calculate co efficient of variation to measure variation between two data set.

This answer also the use of CV

1. Which measures of dispersion is better among all measures and why?

Ans: Standard deviation is better among all measures because it measures variation among data sets correctly.

1. Let, us consider, three data set, A, B and C. set A has SD=2.5, B is 3.5 and C is 2. Among this three data set which one is better and why?

Ans: C is better because SD is small.

1. What does it means ‘Zero measures of dispersion’ .

Ans: look at 1st slide of measures of dispersion.

Question : 8 a) calculate range.(larger range shows larger wage bill)

b) calculate SD .(larger SD shows larger variation)