BOOTSTRAP OF CI

Sample statistics like median and others are also useful information for the population by staterralene cannot help us with that,

therefore; Bootstrap is a method to construct confidence intervals for any sample statistic using resumpling of sample dataset.

y Bootstrap is essentially uniform random sampling with replacement on the sample of size N.

steps or n (i.esized original sample)

O Draw 10 values randomly to generate another sample of same size.

- (2) Repeat the process to get at least 6 bootstrapsamples.
- 3) Sort the bootstrap sample and calculate median from samples each individually:

 add: (n+1/2) even: > value at n/2 + value at n/2 + 1
 - alculate the mean of all the median values.
 - 5 Draw 95%. CI. (using Zdist)