Lec 11/18

Friday, November 18, 2016 8:09 AM

Probability -> Statistics

Sampling: must be random Voluntary response = Bad Simple random sample = 6000

> * Probability governs the random selection process Data are random: X1, X2,..., Xn are RVs. What's going on on ang, how was variability is there, How do the answers to those questions affect the beckerior of the statistic(s).

Det: Statistic - a function of the sample data: an RV. [X sample menn & - sample sto. oev. p- sample probability hence each statistic une a parbability distribution. Also- a numerical characteristic of the data.

Det parameter - numerical characteristic of the population. constant, generally unknown.

4702 (ch 11, 12, 13) - inferential procedures rooted in prob dists

of the statistiz.

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