BootStrapping · Resampling Framework

-> Random Forest · Changed the way many Statistical analysis may be carried out Recall 95% C.I OF population mean given a Sample mean x (and Sample std dev s) (X ± 1.96 S -> "ne are 95% confident that the zone population mean is within this range" - What if we are interested in a different Statistic / estimator? - met it me con't rely on the assumption or approximately normal dist ? (> i.e) it's more skewed than thought MC = Theoretical model B.S = Oato

Bootstrapping Resampling From the data directly w/ replacement -> Sample of Size 1 -> General Lorge # B of resamples each of Size 1 with replacement original sample: $x = \{x, ..., x_n\} \rightarrow \hat{o}$ $\{x_{ii}^{\dagger},\ldots,x_{ni}^{\star}\},$ { X21, ..., X1 3 measures Var () SE (8) Bios (8) Note use bookstrap a sample ((x, y,),..., (x, y) we have to keep the pairs together. > Preserve association between x& y (Do Q79)