extire 4 Central Limit Theorem Pick N ransom numbers from any h(x) [tails must fall off faster than 1/22] DISTRIBUTION OF ! Underlies the reason who servations improve massurance

Multivariate pofs · Charaterizing pats in more than one dimensions of parameter. · Multivariate Quesians -1(2-1)(-12-12) $p(\overline{Z}|\overline{\mu},C) = \frac{1}{\lambda \det(2\pi C)}e$ $C = \begin{pmatrix} \sigma_1^2 & \sigma_2^2 & \sigma_3^2 & \sigma_3^2$ Pearson's $\Gamma = \frac{2(x; -x)^2}{\sqrt{2(x; -\bar{x})^2}} \frac{2(x; -\bar{x})^2}{\sqrt{2(x; -\bar{x})^2}} \frac{2$ Susceptible to outlieks · Non-paremetric => Sparman's _ as Pearson's

but with sample ranks

> KENDALL'S _ compares the

samples with some It different sign

