ANOVA, IS they a hypothesis test where Ho: Mo = M, = . = Mm 1. samples are independent 2. each sample istr. a hormal. dist. poph Hi: Not Ho 2-Stad in ANDVA = 3. The page st dev. gall sps.

and equal (=> homogodashom

7-Stad equiv ist-stat Fur-dish (ssbd), sow, af)

To I make the make the makes makes makes. 27 2-stad in ANDVA F-stat = mean Sum of Sqs Bohun (SSB) =
mean Sum of Sqs WHum (SSG)

Let. let mssw F-stat has an F-dish mss B & 3 mss W, have Chi-distn SSB = $\leq \leq (\chi_1 - \chi_m)^2$; SSW = $\leq \chi_m - \chi_{otal}$ allow all camples $\chi_1 - \chi_m = 1$; SSW = $\leq \chi_m - \chi_{otal}$ $\chi_m = 1$; SSW = $\leq \chi_m - \chi_m = 1$; SSW = $\chi_m - \chi_{otal}$ eg grp>A B C Sample XIA Y 18 Y 10 SSWIS LOOKER E diff. Win a STP one X 2A SSW = (X1A - XA) - 00. (XnA - XA) three . XnA YNBA YNCA + EXIBITIZEDZ SSBis Looks edith brungone +18 (Xis-XB)2 MSSB = SSB - SSB | MSSW - SSW | SSW | is a wester of the degrees of freedom; of has to do or now many values you off a degree of freedom; of has to do or now many values you of more my shill took fig out to that.

. 7.