

b) proluce 2 Ft (-3.6) = 2(1-Ft(+3.6)) = 0,0008 3) une statistres from exercise (2) Assume \$2=15 and 52=25 and section variances are different for a=0,01 a) effective dof = (\$1/N1 + 52/N2)2 $(57/N_1)^2$ $(52/N_2)^2$ N_1-1 N_2-1 -5 25 1 1,32 1,32 143,0,005 2 2,695 tobs = As tobs < +43,0,005 Ho is rejected b) P-value = Ft (-3.79) = 8.0002 4) Test the following hypothesis for x=0.05 $t_{00s} = \frac{51}{52} + \frac{20}{22} = 0.9$ Need the lower critical value T(8,7),0.05 F(9,7),095 F(9,1),0.95 = 1 = 1 = 0.3 0.3 (tob, => retain Ho



