-eq. mean of means - unbiased estimator of populars is mean - proportion to the sample size

in the uniform distribution

a inferential statistics - Basic Assumptions · Y~N(u, or2) - the variable wire observing is normal · Observations are independent and identically distributed this is the assumption that i more commons violated independence wonditional on the mean Inference when o'is known · the 2 Test · calculate the cutoff - Find the upper 2 wow simil · probability of obstring & = 100? " Ox - need to be so of sampling rather than ou final op Cobstrained 3.53 or was) - but want the more to the right, so 1- PCA) · depends on the sample size · potential sample size o confidence namorans interval -upper limit - lover limit & willingness to make a Type 1 cmor corresponds to the cutoff value that we get when - 99% correct of 99% of the time - enlarge confidence " confidence interval for future fore custs intrval · probation by of observing meen = 0.05 - can't say this! - Inference when Tis um thous one sample &- zest · estimate of from the cample, since we don't know of possulari Ly But 'penalize' currelyes for the fact that we don't know the of from the sample Guays: i) taing a tail 2) use degree 6 of freedom · 5 -> calculate sum of squares - dostre sume thing in all these cases generally

