Genreal dants-tons

Simple: Population has specific distribution -CJ. · Bernoulli population 4=34 · Marmal == 100 02=40

Campasite: dist. not completely specified e.g. Bernalli pap 1 42,3/4 named, p=100, F2 = unknown --- pro (80,120), 02-40

We can't genrally comple exact probabilities given a compasite hypothesis.

normal Ho: 10 5 p 5 15 8 = 25 n=5

Hi: n=40 02=25

 $P(X>12|H_0) = n_0 + calculatethe$ $P(X>12|H_0) = calculatethe$ P(X>12|M) = calculatethe P(X>12|M) = calculatethe n=5

could had statement:

> COULD And statement:

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Ho & feet coin H(* P(heads) > 2 + (\frac{1}{2}, 1] expend: Hip to trues, if all heads conclude H, if not all heads, conclude the P(type 1) = P(heds 10 | Ho) = (1/2) = 1024 P(type 2) = P(heads 210 H1) = 1-P(heads H) + [0, 1024) P(hess 10 (A) = 010 P(heas <10/4)=[-0" A & (2,1] 4=1 mm rabe of 1-1=0 A-12 approaches suprement 1-624 = 1023

if A=50.0001% (H1)