

Let (1, x2... x2) be sample of size on Var -202  $(0_1,0_2) = \frac{n}{(1 - 0_1)^2}$ take log  $logL(0,0_2) = -m log (Re Ti O_2) - 1 ≤ (2;-9)^2$ for O, diff log (L(O,,Oz)) Wrt O, and sut it to O  $\frac{d \log(L)}{d \log_{2}(L)} = \int_{0}^{\infty} \frac{g^{m}}{(x_{i}-0_{i})^{2}} \left(x_{i}-0_{i}\right) = 0$ 0,=1 & x; for of S, is sample mea for or diff our of z and put woo. 02=12 (x;-0,)2 2) Binomia Distribution

m = no. of Erails

o = (0,1) brob of suuss

(0 = if f(xi, n, o PMF f(x, m, 0) = m(x 0) (1-0) [(a) = m (m (xi) . 0 xi (1-0)

