

N-mix model: details. Fan 17 th -17 Model y ~ Bin(n, P)
n ~ Pois (2) Normally & P = PCZ) while la (a)=+is The likelihood is Prob(y)= Z Pois(n, 2). Bi-(y; n, p) There is a nèce recursine former the this density, using their Pois (nia)= Pois (n-1; ) Blu (y'g NIP) = Biu(y', N-1, P) " (1-P) So that Pois (n, 2) Bir (4: M, p) = Pois. (n-1; 7) Br (9: m-1, p) n-4 (1-10) Let fi = 2(1-12)





