

F[F[FI]

Let

XI, -, Xictima (I) be the tsterts thome the threshold.

hat mo (I) be the mulder of rulls army these.

then

then IT [] = IF [IF [Mo(I), m(I)]

Now & medthe distb" of $X_i \mid m \in M_0(I), m(I), m(I)$

Xi (i & MO(I) = mo, M(I) = m, Xi>C = A

P(Xi EX IA)

= P(X: \le X, A)

(A) 9