## Example 1-29

## Example 1-30

 $P_A = 0.05$ ,  $P_B = 0.3$ ,  $P_{\mp} = 0.05$ ,  $P_{OYLM} = 0.6$ n = 100

P(N= n+, NB= nB, N= n+)=

100!

NA! NB! NT! NOKE! PA PB PT Pother.

Mother = 100 - 4- 4- 4B-MF.

Marginal  $P(N_A = N_A) = \binom{N}{N_A} P_A \binom{N_A}{N_A} (1-P_A)^{N-N_A}$   $= \frac{100!}{N_A! (100-N_A)!} 0.05^{N_A} 0.95^{100-N_A}$