$Poisson(k, \lambda, 0)$ 

 $Poisson(k,\lambda,0) + (1ho) \cdot Poisson(k-1,\lambda,1)$ 

 $e^{-\lambda} \cdot rac{\lambda^{-k}}{k!} + (1ho) \cdot e^{-\lambda} \cdot \sum_{i=0}^{k-1} rac{\lambda^{-i}}{i!}$