Poisson Distribution

$$p(x|\lambda) = \frac{\lambda^x e^{-\lambda}}{x!}$$

$$p(x|\lambda) = \frac{1}{x!} \exp\{x \cdot \log \lambda - \lambda\}$$

$$\eta = \log \lambda$$

$$T(x) = x$$

$$A(\eta) = \lambda = e^{\eta}$$

$$h(x) = \frac{1}{x!}$$

$$\lambda = e^{\eta}$$