$$\begin{array}{l} \chi_{1},...,\chi_{N} \sim \text{Poiss}(\lambda), \quad \text{Elxi}_{=} = \text{Vazl}_{X_{1}} = \lambda \\ \widehat{\lambda} = \overline{\chi} \sim \mathcal{N}(\lambda), \quad \frac{\lambda}{n} \\ \lambda \in \int_{1}^{\infty} \widehat{\lambda} \pm \frac{\lambda}{2} \cdot \frac{\lambda}{n} \int_{1}^{\infty} \widehat{\lambda} \\ \chi_{1},...,\chi_{n_{X}} \sim \text{Poiss}(\lambda_{X}) \\ \chi_{1},...,\chi_{n_{X}} \sim \text{Poiss}(\lambda_{Y}) \\ \widehat{\lambda}_{\chi} - \widehat{\lambda}_{\gamma} = \overline{\chi} - \overline{\gamma} \sim \mathcal{N}(\lambda_{\chi} - \lambda_{\gamma}, \quad \frac{\lambda_{\chi}}{n_{\chi}} + \frac{\lambda_{y}}{n_{\gamma}}) \\ \widehat{\lambda}_{\chi} - \widehat{\lambda}_{\gamma} = \overline{\chi} - \overline{\gamma} \sim \mathcal{N}(\lambda_{\chi} - \lambda_{\gamma}, \quad \frac{\lambda_{\chi}}{n_{\chi}} + \frac{\lambda_{y}}{n_{\gamma}}) \\ \widehat{\lambda}_{\chi} - \widehat{\lambda}_{\chi} = \overline{\chi} - \overline{\gamma} \sim \mathcal{N}(\lambda_{\chi} - \lambda_{\gamma}, \quad \frac{\lambda_{\chi}}{n_{\chi}} + \frac{\lambda_{y}}{n_{\gamma}}) \\ \widehat{\lambda}_{\chi} - \widehat{\lambda}_{\chi} = \overline{\chi} - \overline$$

$$\widehat{\mathbb{D}(X=\infty)} = \frac{1}{x!} e^{-\widehat{\lambda}} \cdot \widehat{\lambda}^{(\infty-1)} \cdot (\infty - \widehat{\lambda}) \sim N(\underbrace{\frac{\lambda}{n}}) \cdot (\underbrace{\lambda}^{2} + \underbrace{\lambda}^{2}) \cdot (\underbrace{\lambda}^{2} + \underbrace{\lambda}^{2$$