

Identity link	$y = \beta x$	$\mathcal{L}(\beta) = \prod_i^n \frac{\beta x_i^{y_i} e^{-\beta x_i}}{y_i!}$
Log link	$y = e^{\beta x}$	$\mathcal{L}(\beta) = \prod_i^n \frac{e^{\beta x_i^{y_i}} e^{-e^{\beta x_i}}}{y_i!}$