Bootcamp : Systems in Biology

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$$P(m) = \frac{\langle m \rangle^m e^{-\langle m \rangle}}{m!}$$

$$\frac{\partial p(m,t)}{\partial t} = \lambda(m-1)p(m-1,t) - \lambda m p(m,t)$$

With m the number of mutants

$$var_{random}(t) = \frac{2e^{t\lambda}}{\lambda t}\langle m(t) \rangle$$