“THE JOURNEY OF SACRIFICE”

- **Tempo de Spaw dos minions – VA Contínua – FDP Gamma**

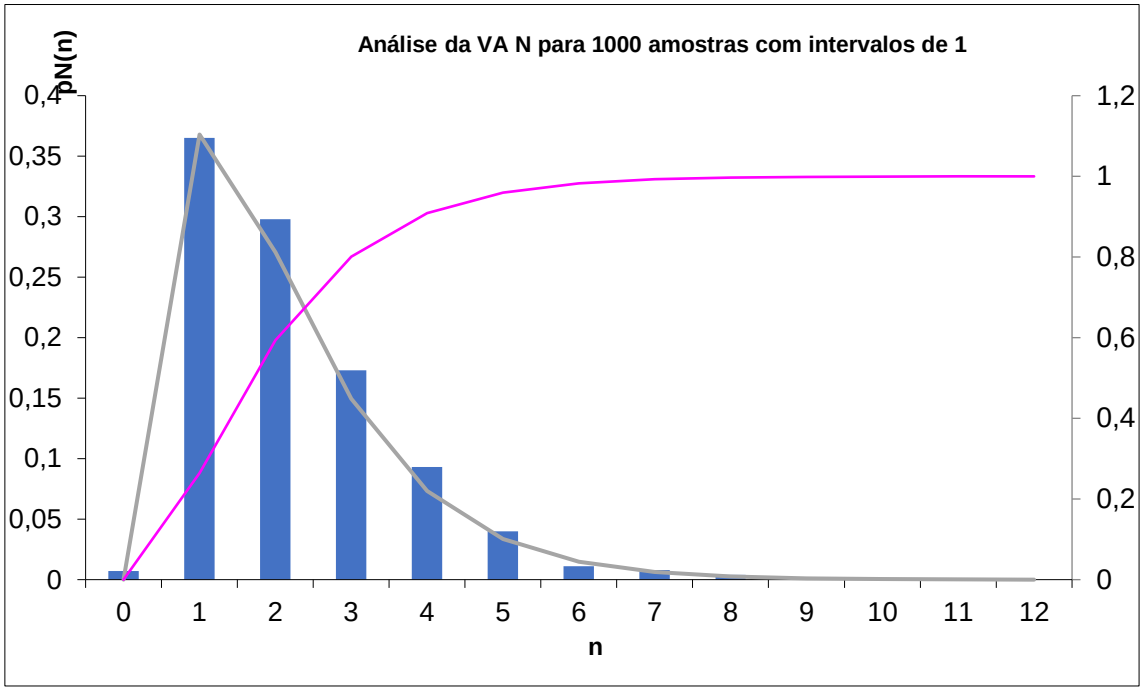
$$f(x) = \begin{cases} \frac{1}{\Gamma(c)} b^{-c}(x-a)^{c-1} e^{-\frac{x-a}{b}} & , \ x>a \\ 0 \end{cases}$$

Com c $= 2 \wedge \Gamma(n) = (n-a)!\ para\ n \in \mathrm{Z}$ …

$$\Gamma(2) = 1! = 1$$

Com a=0 e b=1 …

$$f(x) = \begin{cases} 1^{-2} x e^{-x}, & x > 2 \\ 0, & x \leq 2 \end{cases}$$

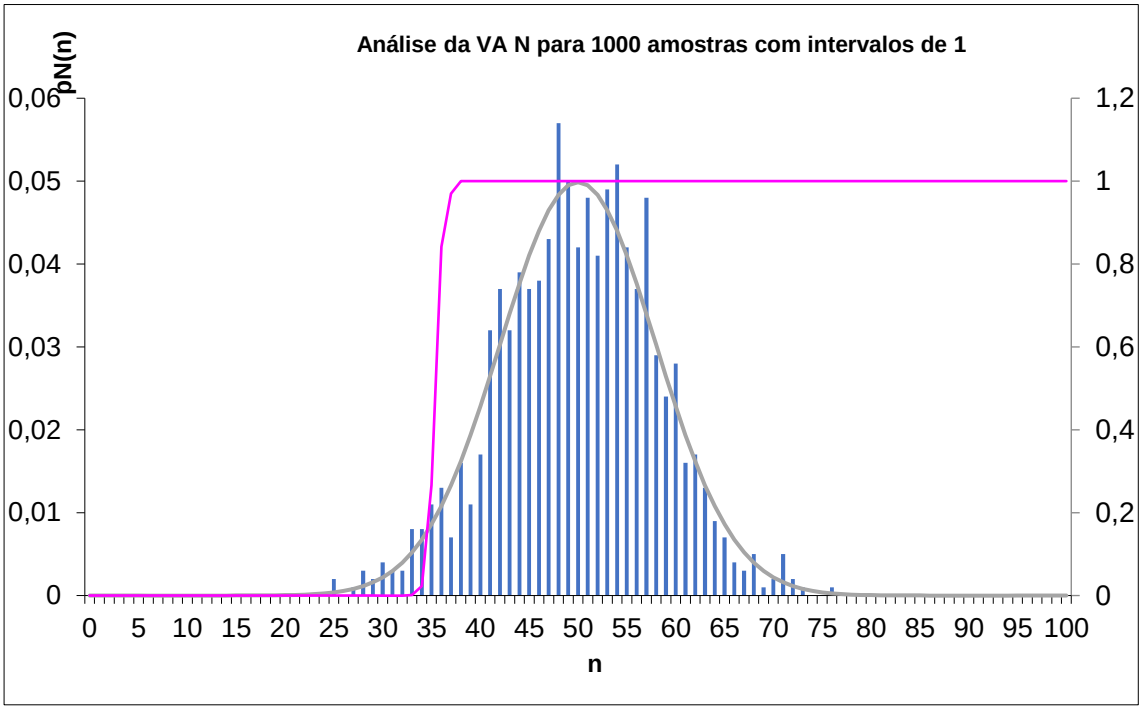


- **Dano feito pelo herói – VA Contínua – FDP Gaussiana (Normal)**

$$f(x) = \frac{1}{\sqrt{2\pi\sigma}} \mathrm{e}^{\frac{-(x-\mu)^2}{2\sigma^2}}$$

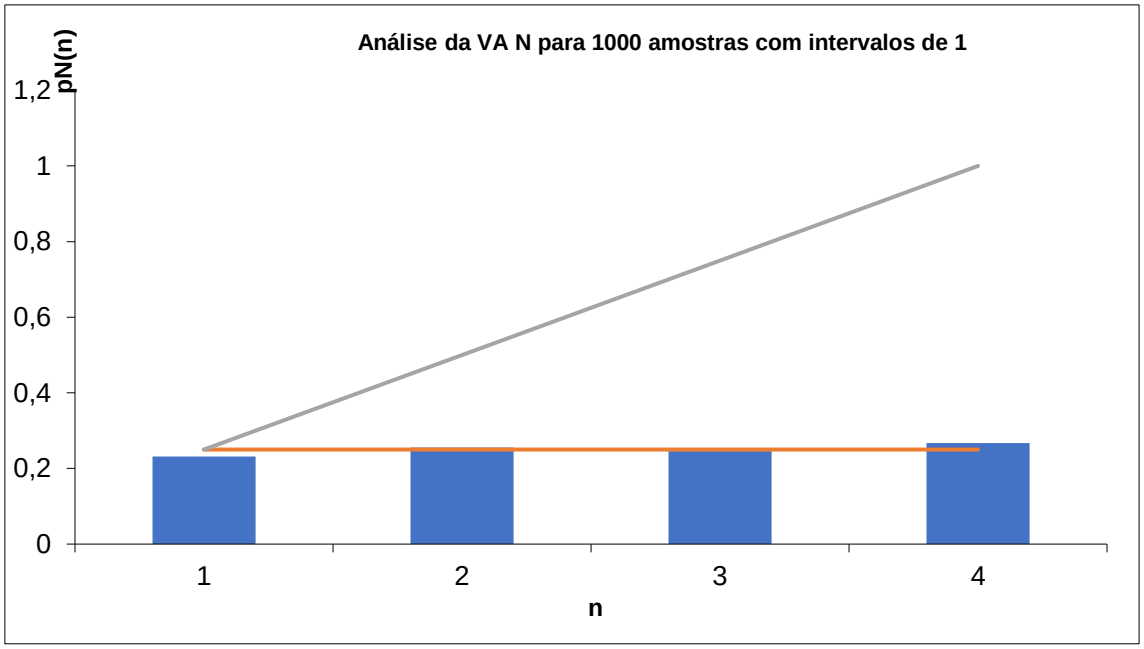
Com $\mu = 50$ e $\sigma = 8$ ...

$$f(x) = \frac{1}{\sqrt{2\pi}} \mathrm{e}^{\frac{-(x-50)^2}{128}}$$



- **Ataque especial do Herói – VA Discreta – FDP Uniforme**

$$f(x) = \frac{1}{4}$$

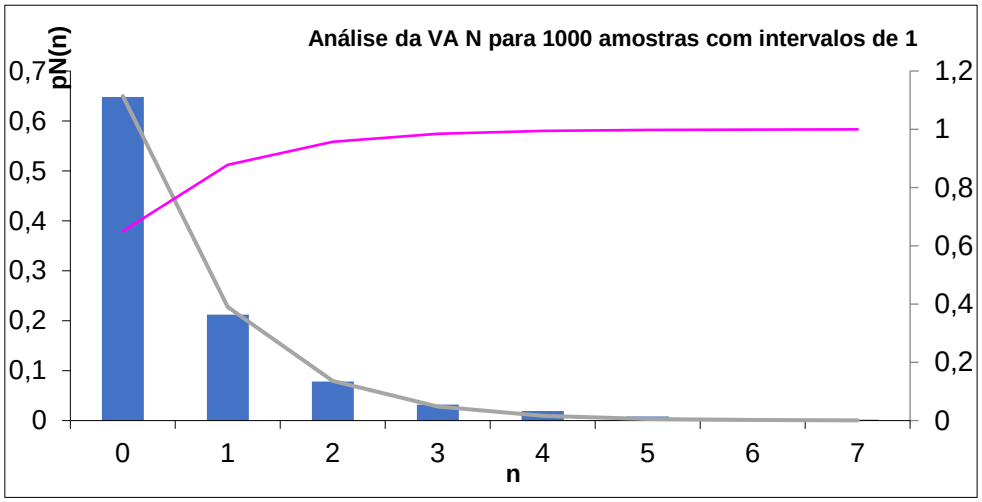


- **Item especial encontrado no baú – VA Discreta – FDP Geométrica**

$$f(x) = (1-p)^{1-x}.p$$

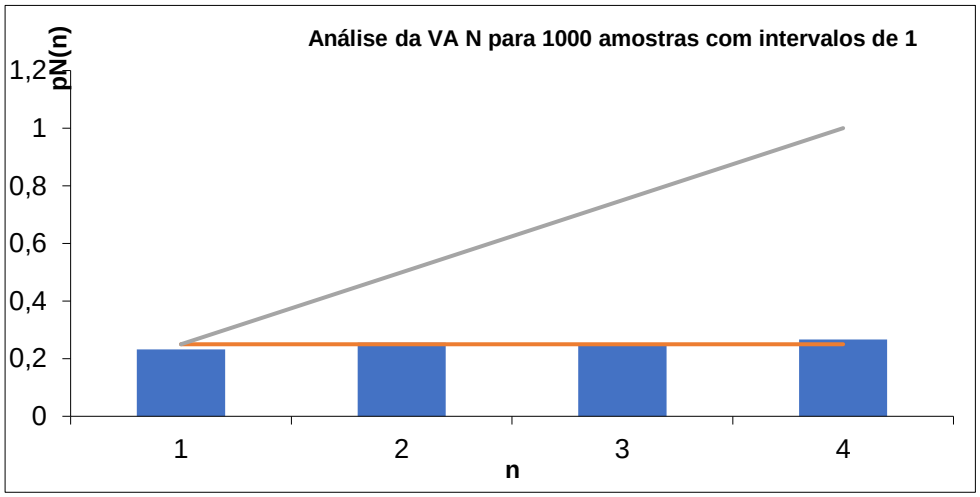
Com p = 0,65

$$f(x) = (1-0{,}65)^{1-x}.0{,}65$$



- **Vilão enviado pelas Parcas – VA Discreta – FDP Uniforme**

$$f(x) = \frac{1}{4}$$



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