Statistics

$$\Gamma(\gamma | a, b) = \frac{b^a}{\Gamma(a)} \gamma^{a-1} e^{-b\gamma}$$

$$\mathbb{E}[\gamma] = a/b$$

$$\text{Mode}[\gamma] = \frac{a-1}{b}$$

$$\text{Var}[\gamma] = a/b^2$$