Gamma distribution

$$\begin{split} \Gamma(\gamma|\mathbf{a},\mathbf{b}) &= \frac{b^a}{\Gamma(a)} \gamma^{a-1} e^{-b\gamma} \\ \mathbf{1} \mathbf{1} \mathbf{1} \\ \gamma,a,b &> 0 \end{split}$$

