## **Gamma distribution**

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



