Laplace prior

Parametrisation

The Laplace distribution has density

$$\pi(\theta) = \frac{\lambda}{2} \exp(-|\theta - \mu|\lambda) \tag{1}$$

for continuous $\theta \in \Re$ where

 μ : is the mean

 λ : precision is $\lambda^2/2$.

Specification

The Laplace prior for the hyperparameters is specified as

Example

Notes

None.