

pc.gammacount: The PC prior for $\theta = \log(a)$ in the $\Gamma(a, 1)$ distribution with base model $a = 1$

Parametrization

This is the PC prior for $\theta = \log(a)$ in the $\Gamma(a, 1)$ distribution¹ distribution where $a = 1$ is the base model.

Specification

This prior for the hyperparameter is specified in the **hyper**-specification, for $\theta = \log(a)$ it is

```
hyper = list(<theta> = list(prior="pc.gammacount", param=c(<lambda>)))
```

Example

Notes

See also functions `inla.pc.{d,p,q,r}gammacount` which gives the same PC prior, but for a instead of $\theta = \log(a)$.

This function is experimental.

¹Where $\Gamma(a, b)$ has mean a/b and variance a/b^2 .