

**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  $\Gamma(a, 1)$  distribution<sup>1</sup> 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.**

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