Linear

Parametrization

This model is just a simplified way of spesifying a "fixed" effect

$$\eta_i = \beta w_i$$

where β is Normal with mean μ and precision τ (which are typically unequal to the default values; see `?control.fixed`).

Hyperparameters

None

Specification

```
f(w, model="linear", mean.linear = <mu>, prec.linear = <prec>)
```

where <mu>*isthepriormeanand*<prec> is the prior precision.

Hyperparameter spesification and default values

doc `Alternative interface to an fixed effect`

hyper

constr `FALSE`

nrow.ncol `FALSE`

augmented `FALSE`

aug.factor `1`

aug.constr

n.div.by

n.required `FALSE`

set.default.values `FALSE`

pdf `linear`

Example

```
n = 100
w = runif(n)
y = 1 + w + rnorm(n)
r = inla(y ~ f(w, model = "linear",
                mean.linear=1, prec.linear=1),
         data = data.frame(y,w))
summary(r)
```

Notes

None