

The blended Generalised Extreme Value distribution

The documentation for this likelihood model is a vignette, do

```
vignette("bGEVtutorial1-2", package="INLA")
```

to open it.

Parametrisation

Link-function

Hyperparameters

Specification

Hyperparameter spesification and default values

doc The blended Generalized Extreme Value likelihood

hyper

theta1

```
hyperid 57201
name spread
short.name sd
initial 0
fixed FALSE
prior loggamma
param 1 3
to.theta function(x) log(x)
from.theta function(x) exp(x)
```

theta2

```
hyperid 57202
name tail
short.name xi
initial -4
fixed FALSE
prior pc.gevtail
param 7 0 0.5
to.theta function(x, interval = c(REPLACE.ME.low, REPLACE.ME.high)) log(-(interval[1]
from.theta function(x, interval = c(REPLACE.ME.low, REPLACE.ME.high)) interval[1] + (
```

theta3

```
hyperid 57203
name beta1
short.name beta1
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
```

```
    from.theta function(x) x
theta4
  hyperid 57204
  name beta2
  short.name beta2
  initial NA
  fixed FALSE
  prior normal
  param 0 300
  to.theta function(x) x
  from.theta function(x) x
theta5
  hyperid 57205
  name beta3
  short.name beta3
  initial NA
  fixed FALSE
  prior normal
  param 0 300
  to.theta function(x) x
  from.theta function(x) x
theta6
  hyperid 57206
  name beta4
  short.name beta4
  initial NA
  fixed FALSE
  prior normal
  param 0 300
  to.theta function(x) x
  from.theta function(x) x
theta7
  hyperid 57207
  name beta5
  short.name beta5
  initial NA
  fixed FALSE
  prior normal
  param 0 300
  to.theta function(x) x
  from.theta function(x) x
theta8
  hyperid 57208
  name beta6
```

short.name beta6
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta9

hyperid 57209
name beta7
short.name beta7
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta10

hyperid 57210
name beta8
short.name beta8
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta11

hyperid 57211
name beta9
short.name beta9
initial NA
fixed FALSE
prior normal
param 0 300
to.theta function(x) x
from.theta function(x) x

theta12

hyperid 57212
name beta10
short.name beta
initial NA
fixed FALSE
prior normal

param 0 300
to.theta function(x) x
from.theta function(x) x

status experimental

survival FALSE

discrete FALSE

link default identity log

pdf bgev

Example

Notes