

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
output.name spread for BGEV observations
output.name.intern log spread for BGEV observations
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
output.name tail for BGEV observations
output.name.intern intern tail for BGEV observations
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
output.name MUST BE FIXED


```

    output.name.intern MUST BE FIXED
    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
    output.name MUST BE FIXED
    output.name.intern MUST BE FIXED
    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
    output.name MUST BE FIXED
    output.name.intern MUST BE FIXED
    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
    output.name MUST BE FIXED
    output.name.intern MUST BE FIXED
    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
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
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
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
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
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
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
output.name MUST BE FIXED
output.name.intern MUST BE FIXED
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
    output.name MUST BE FIXED
    output.name.intern MUST BE FIXED
    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
    output.name MUST BE FIXED
    output.name.intern MUST BE FIXED
    initial NA
    fixed FALSE
    prior normal
    param 0 300
    to.theta function(x) x
    from.theta function(x) x

```

survival FALSE

discrete FALSE

link default identity log

pdf bgev

Example

Notes