

Package ‘mlt.docreg’

January 13, 2020

Title Most Likely Transformations: Documentation and Regression Tests

Version 1.0-4

Date 2020-01-09

Description Additional documentation, a package vignette and regression tests for package mlt.

Depends mlt (>= 1.0-5)

Imports numDeriv, stats

Suggests variables, basefun, np, eha, truncreg, lattice, MASS, TH.data, multcomp (>= 1.4-4), knitr, survival, prodlim, gridExtra, nnet, HSAUR3, sandwich, flexsurv, grid, latticeExtra, colorspace, mgcv, coxinterval, ICsurv, polspline, logspline, bshazard, gss, MIICD, TransModel, dynsurv, timereg, survivalMPL, gamlss, Matrix, muhaz, ICE, ordinal, VGAM, AER, coin, gamlss.data, mlbench, tram

VignetteBuilder knitr

URL <http://ctm.R-forge.R-project.org>

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NeedsCompilation no

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Repository CRAN

Date/Publication 2020-01-13 09:20:07 UTC

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`checkGH`*Check Gradient and Hessian*

Description

Check analytic gradient and hessian against their numerical approximation

Usage

```
checkGH(object)
```

Arguments

`object` an object of class `mlt` as returned by [mlt](#)

Details

Computes the gradient and hessian analytically and numerically and compares the two. Warnings are suppressed for the numerical approximations as they are not aware of model constraints which might get violated.

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