Package: dmnormLR (via r-universe)

May 14, 2026

Title Custom nimble distributions for multivariate normal models that are not full rank

Version 0.0.9002

Date May 14, 2026

Description Custom, non-full rank multivariate normal distributions for nimble. Used for penalized splines, etc.

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Encoding UTF-8

Depends R (>= 4.1.0), nimble

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

Config/pak/sysreqs libglpk-dev make libxml2-dev

Repository https://dsjohnson.r-universe.dev

Date/Publication 2026-05-14 20:01:16 UTC

RemoteUrl https://github.com/dsjohnson/dmnormLR

RemoteRef HEAD

RemoteSha aefa092a9fea61de9ce10547393d0ecf2de40b52

Contents

`dmnormLR` *Custom Multivariate normal distributions for models where the precision matrix is not full rank*

Description

Custom Multivariate normal distributions for models where the precision matrix is not full rank

Usage

```
dmnormLR(x, mean, Q, tau, rank, log = 0)

rmnormLR(n, mean, Q, tau, rank)
```

Arguments

`x`	variable
`mean`	mean vector
`Q`	Precision matrix, not necessarily full rank
`tau`	Precision scale parameter
`rank`	Q matrix rank
`log`	Return log density
`n`	Sample size (ignored)

Author(s)

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