

Package: rlibkriging (via r-universe)

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Type Package

Title Kriging Models using the 'libKriging' Library

Version 1.0-0

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Description Interface to 'libKriging' 'C++' library
<<https://github.com/libKriging>> that should provide most
standard Kriging / Gaussian process regression features (like
in 'DiceKriging', 'kergp' or 'RobustGaSP' packages).
'libKriging' relies on Armadillo linear algebra library (Apache
2 license) by Conrad Sanderson, 'lbfgsb_cpp' is a 'C++' port
around by Pascal Have of 'lbfgsb' library (BSD-3 license) by
Ciyu Zhu, Richard Byrd, Jorge Nocedal and Jose Luis Morales
used for hyperparameters optimization.

License Apache License (>= 2)

Encoding UTF-8

LinkingTo Rcpp, RcppArmadillo

Depends R (>= 4.2)

Imports Rcpp (>= 1.0.12), methods, DiceKriging

Suggests testthat, utils, foreach, roxygen2, RobustGaSP

SystemRequirements GNU make, cmake (>= 3.2.0), gcc

URL <https://github.com/libKriging>

RoxygenNote 7.3.3

Config/pak/sysreqs cmake make

Repository <https://yannrichet-asnr.r-universe.dev>

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RemoteUrl <https://github.com/yannrichet-asnr/rlibkriging>

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