

# Package ‘rtkore’

December 15, 2023

**Type** Package

**Title** 'STK++' Core Library Integration to 'R' using 'Rcpp'

**Version** 1.6.10

**Encoding** UTF-8

**Date** 2023-12-12

**Copyright** Inria, University Lille 1 and specifically inst/COPYRIGHTS  
for the STK++ library

**Maintainer** Serge Iovleff <serge.iovleff@stkpp.org>

**Description** 'STK++' <<http://www.stkpp.org>> is a collection of C++ classes for statistics, clustering, linear algebra, arrays (with an 'Eigen'-like API), regression, dimension reduction, etc. The integration of the library to 'R' is using 'Rcpp'. The 'rtkore' package includes the header files from the 'STK++' core library. All files contain only template classes and/or inline functions. 'STK++' is licensed under the GNU LGPL version 2 or later. 'rtkore' (the 'stkpp' integration into 'R') is licensed under the GNU GPL version 2 or later. See file LICENSE.note for details.

**License** GPL (>= 2)

**BugReports** <https://sourceforge.net/projects/stkpp/>

**LazyLoad** yes

**Depends** R (>= 3.2.0), Rcpp (>= 0.12.0)

**Imports** inline

**LinkingTo** Rcpp

**URL** <http://www.stkpp.org>

**NeedsCompilation** yes

**SystemRequirements** GNU make

**Collate** 'rtkoreFlags.R' 'inlineCxxPlugin.R'

**RoxygenNote** 7.1.2

**Author** Serge Iovleff [aut, cre],  
Parmeet Bhatia [ctb]

**Repository** CRAN

**Date/Publication** 2023-12-15 00:50:02 UTC

2

R *topics documented:*

**R topics documented:**