

# Package ‘RobAStRDA’

January 29, 2024

**Version** 1.2.1

**Date** 2024-01-28

**Title** Interpolation Grids for Packages of the 'RobASt' - Family of Packages

**Description** Includes 'sysdata.rda' file for packages of the 'RobASt' - family of packages; is currently used by package 'RobExtremes' only.

**Depends** R(>= 3.5.0)

**SysDataCompression** xz

**ByteCompile** yes

**License** LGPL-3

**URL** <https://r-forge.r-project.org/projects/robast/>

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**VCS/SVNRevision** 1261

**NeedsCompilation** no

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## Description

This package only contains `sysdata.rda` (with corresponding interpolation grids for speedup); it is currently used in package **RobExtremes**. The code to produce its contents is split into two parts: (a) grid construction and (b) interpolator construction. While the code for (a) can be drawn from CRAN-packages **ROptEst** and **RobExtremes**, more specifically: see `?RMXE.xi` (**RobExtremes**) resp. `?RMXE.th` (**ROptEst**), as well as the contents of the (system) folder of package `RobExtremes`, i.e., `dir(file.path(system.file(package="RobExtremes"), "AddMaterial", "interpolation"))`, the code for (b) resides in the present package (and does not need to know anything about the grid construction). As it is not meant for users but rather for developers, it is not exported to the namespace; still, it is documented, see `?generateInterpolators`.

The reason to separate the `rda` file from the actual R packages is to keep the latter small while we expect the present package to only need seldom updates.

See also mail exchange P.Ruckdeschel - U.Ligges on R-devel—<https://stat.ethz.ch/pipermail/r-devel/2013-February/065794.html>.

## Details

Package:	RobAStrDA
Version:	1.2.0
Date:	2019-03-12
Depends:	R(>= 3.4)
LazyData:	yes
ByteCompile:	yes
License:	LGPL-3
URL:	<a href="http://robast.r-forge.r-project.org/">http://robast.r-forge.r-project.org/</a>
VCS/SVNRevision:	1202

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