

Package ‘PKgraph’

July 2, 2014

Title Model diagnostics for population pharmacokinetic models

Version 1.7

Date 2012-03-12

Depends R (>= 2.10.0), RGtk2, gWidgetsRGtk2, cairoDevice, lattice,rggobi, ggplot2, proto

Imports RGtk2, gWidgetsRGtk2

Author Xiaoyong Sun

Maintainer Xiaoyong Sun <johnsunx1@gmail.com>

Description PKgraph provides a graphical user interface for population pharmacokinetic model diagnosis. It also provides an integrated and comprehensive platform for the analysis of pharmacokinetic data including exploratory data analysis, goodness of model fit, model validation and model comparison. Results from a variety of modeling fitting software, including NON-MEM, Monolix, SAS and R, can be used. PKgraph is programmed in R, and uses the R packages lattice, ggplot2 for static graphics, and rggobi for interactive graphics.

License GPL (>= 2)

LazyData true

Collate global.r psnCdd.r psnBootstrap.r functionOK.r proto.r ggobi.r
function.r handler.r PKgraphlayout.r PKgraph.r

Repository CRAN

Date/Publication 2012-03-14 06:21:01

NeedsCompilation no

R topics documented:

pkdata	2
pkdata2	2
PKgraph	2

Index**3**

pkdata	<i>Sample data 1 for PKgraph</i>
--------	----------------------------------

Description

A sample data from <https://www.accp1.org>.

Usage

```
data(pkdata)
```

pkdata2	<i>Sample data 2 for PKgraph</i>
---------	----------------------------------

Description

A sample data from <https://www.accp1.org>.

Usage

```
data(pkdata2)
```

PKgraph	<i>graphical user interface</i>
---------	---------------------------------

Description

graphical user interface for PKgraph. Detailed description is in Vignettes.

Usage

```
PKgraph()
```

Author(s)

Xiaoyong Sun

Index

*Topic **datasets**

pkdata, [2](#)

pkdata2, [2](#)

*Topic **methods**

PKgraph, [2](#)

pkdata, [2](#)

pkdata2, [2](#)

PKgraph, [2](#)