he b	se package
	ase-package
	pincode
	Device
	Machine
	Platform
	bbreviate
	grep
	II
	ll.equal
	ll.names
	ny
	perm
	ppend
	pply
	rgs
	crithmetic
	rray
	s.data.frame
	s.Date
	s.environment
	s.function
	s.POSIX*
	asIs
	split
	ssign
	ssignOps
	ttach
	ttr
	ttributes
	utoload
	acksolve
	asename
	Bessel
	indenv
	itwise
	ody
	quote
	rowser
	rowserText
	uiltins
	y
	all
	allCC
	'allExternal
	apabilities
	at
	bind
	har.expand
	haracter

charmatch
chartr
chkDots
chol
chol2inv
class
col
Colon
colSums
commandArgs
comment
Comparison
complex
conditions
conflicts
connections
Constants
contributors
Control
copyright
crossprod
Cstack_info
cumsum
curlGetHeaders
data.class
data.frame
data.matrix
date
Dates
DateTimeClasses
dcf
debug
Defunct
delayedAssign
deparse
deparseOpts
Deprecated
det
detach
diag
diff
dim
dimnames
do.call
dontCheck
dots
double
dput
drop

droplevels	
dump	. 160
duplicated	. 161
dyn.load	. 164
eapply	. 166
eigen	. 167
encodeString	. 169
Encoding	170
environment	. 172
EnvVar	
eval	. 177
exists	
expand.grid	. 181
expression	
Extract	
Extract.data.frame	188
Extract.factor	191
Extremes	192
extSoftVersion	195
factor	. 196
file.access	200
file.choose	
file.info	
file.path	
file.show	
files	
files2	
find.package	
findInterval	
force	
forceAndCall	
Foreign	
formals	. 216
format	. 218
format.info	. 220
format.pval	. 222
formatC	. 222
formatDL	. 227
function	. 228
funprog	. 229
gc	. 232
gc.time	
gctorture	
get	
getDLLRegisteredRoutines	
getLoadedDLLs	
getNativeSymbolInfo	
gettext	
getwd	
gl	
grep	
grepRaw	. 431

roupGeneric	
rouping	
zcon	 . 250
exmode	 . 25
Iyperbolic	 . 259
CONV	
cuSetCollate	 . 263
dentical	
lentity	
Felse	
nteger	
nteraction	
nteractive	
nternal	
nternalMethods	. 273
ivisible	. 27:
s.finite	. 270
S.function	. 278
s.language	
s.object	
S.R	
s.recursive	
s.single	
sunsorted	
SOdatetime	
§\$4	
Symmetric	
tter	
appa	
ronecker	
10n_info	
abels	
apply	
ast.value	
a_library	
a_version	
ength	 . 29
engths	 . 298
evels	 . 299
bcurlVersion	 . 30
bPaths	
brary	 . 304
brary.dynam	 . 30
cense	 . 309
st	 . 310
st.files	
st2DF	
st2env	
pad	
ocales	
og	
ogic	
,	

logical	323
LongVectors	325
lower.tri	325
ls	326
make.names	327
make.unique	329
mapply	330
marginSums	331
mat.or.vec	332
match	332
match.arg	334
match.call	336
match.fun	337
MathFun	338
matmult	339
matrix	340
maxCol	342
mean	343
memCompress	344
<u>.</u>	346
memlimits	346
Memory	
Memory-limits	347
memory.profile	349
merge	349
message	352
missing	353
mode	354
mtfrm	355
NA	356
name	358
names	359
nargs	361
nchar	362
nlevels	364
noquote	365
norm	366
normalizePath	368
NotYet	369
nrow	370
ns-dblcolon	371
ns-hooks	372
ns-load	373
ns-topenv	376
NULL	376
numeric	378
NumericConstants	379
numeric_version	381
octmode	382
on.exit	384
Ops.Date	385
options	386
order	396

outer	399
Paren	400
parse	401
paste	404
path.expand	406
pcre_config	407
pipeOp	407
1 1	409
	410
1	412
ry	413
r	413
	415
	416
	418
	419
	419
r	422
r · · · · · · · · · · · · · · · · · ·	423
rr	424
r	425
T	426
C	429
1	430
C	432
	435
Random	437
Random.user	441
range	443
rank	444
rapply	446
raw	447
	448
	450
	452
	453
	456
	457
	458
	450 460
	462
	463
ϵ	464
E	465
	469
	471
rep	472
replace	475
Reserved	475
rev	476
Rhome	476
rle	477

Round
round.POSIXt
row
row+colnames
row.names
rowsum
S3method
sample
save
scale
scan
search
seek
seq
seq.Date
seq.POSIXt
sequence
serialize
shQuote
sign
Signals
sink
slice.index
slotOp
socketSelect
solve
sort
source
Special
split
sprintf
sQuote
srcfile
StackOverflows
standardGeneric
startsWith
Startup
stop
stopifnot
strptime
strrep
strsplit
strtoi
strtrim
substitute
substr

sum			564
summary			566
svd			567
sweep			569
switch			571
Syntax			572
Sys.getenv			574
Sys.getpid			575
Sys.glob			575
Sys.info			577
Sys.localeconv			578
sys.parent			579
• •			
Sys.readlink			582
Sys.setenv		•	583
Sys.setFileTime	٠	•	584
Sys.sleep	•	•	585
sys.source	•		586
Sys.time			587
Sys.which			588
system			589
system.file			591
system.time			592
system2			593
ť			595
table			596
tabulate			599
tapply			600
taskCallback			602
taskCallbackManager			604
taskCallbackNames			605
tempfile			606
textConnection			608
			610
tilde			
timezones			611
toString			615
trace			616
traceback	•	•	620
tracemem			622
transform			623
Trig			625
trimws			626
try			627
typeof			629
unique			630
unlink			631
unlist			632
unname			634
UseMethod			635
userhooks			637
utf8Conversion			639
UTF8filepaths			641
validUTF8			642
			UT4

	vector	643
	Vectorize	645
	warning	646
	warnings	648
	weekdays	650
	which	651
	which.min	653
	with	654
	with Visible	656
	write	657
	writeLines	658
	xtfrm	659
	zapsmall	660
	zpackages	660
	zutils	661
_		
2	The compiler package	663
	compile	663
3	The datasets package	667
3	datasets-package datase	667
	ability.cov	667
	airmiles	668
	AirPassengers	669
	airquality	670
	anscombe	671
	attenu	672
	attitude	673
	austres	674
	beavers	674
	BJsales	676
	BOD	676
	cars	677
	ChickWeight	678
	chickwts	679
	CO2	680
	co2	681
	crimtab	682
	discoveries	684
	DNase	684
	esoph	685
	euro	687
	eurodist	688
	EuStockMarkets	688
	faithful	689
	Formaldehyde	690
	freeny	691
	HairEyeColor	692
	Harman23.cor	693
	Harman74.cor	693
	Indometh	694
	infert	695
	InsectSprays	696

islands JohnsonJohnson LakeHuron Ih LifeCycleSavings Loblolly longley lynx morley mtcars nhtemp Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
LakeHuron lh LifeCycleSavings Loblolly longley lynx morley mtcars nhtemp Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
Ih LifeCycleSavings Loblolly longley lynx morley mtcars nhtemp Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
LifeCycleSavings Loblolly longley lynx morley mtcars nhtemp Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
Loblolly longley lynx morley mtcars nhtemp Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
longley lynx morley mtcars nhtemp Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
lynx morley mtcars nhtemp Nile nottem npk occupationalStatus Orange. OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
morley mtcars nhtemp Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
mtcars nhtemp Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
nhtemp Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
Nile nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
nottem npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
npk occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
occupationalStatus Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
Orange OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
OrchardSprays PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
PlantGrowth precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
precip presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
presidents pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
pressure Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
Puromycin quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
quakes randu rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
randu rivers rock sleep stackloss state sunspot.month sunspotsyear sunspots Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
rivers rock sleep stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
rivers rock sleep stackloss state sunspot.month sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
rock sleep stackloss state sunspot.month sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
sleep	
stackloss state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
state sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
sunspot.month sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
sunspot.year sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
sunspots swiss Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
swiss . Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
Theoph Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
Titanic ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
ToothGrowth treering trees UCBAdmissions UKDriverDeaths UKgas	
treering	
trees	
UCBAdmissions	
UKDriverDeaths	
UKgas	
LIVI D4h	
UKLungDeaths	
USAccDeaths	
USArrests	
USJudgeRatings	
USPersonalExpenditure	
uspop	
VADeaths	
volcano	
warpbreaks	

	WorldPhones	741
	WWWusage	742
4	The grDevices package	743
	grDevices-package	743
	adjustcolor	743
	as.graphicsAnnot	745
	as.raster	745
	axisTicks	747
	boxplot.stats	748
	bringToTop	750
	cairo	751
	cairoSymbolFont	753
	check.options	754
	chull	755
	cm	756
	col2rgb	756
	č	758
	colorRamp	
	colors	760
	contourLines	761
	convertColor	762
	densCols	764
	dev	765
	dev.capabilities	767
	dev.capture	768
	dev.flush	769
	dev.interactive	769
	dev.size	770
	dev2	771
	dev2bitmap	773
	devAskNewPage	775
	Devices	775
	embedFonts	777
	extendrange	778
	getGraphicsEvent	779
	gray	782
	gray.colors	783
	grSoftVersion	784
	hcl	785
	Hershey	787
	hsv	790
	•	791
	Japanese	792
	make.rgb	
	msgWindow	794
	n2mfrow	794
	nclass	795
	palette	797
	Palettes	799
	pdf	803
	pdf.options	807
	pictex	808
	plotmath	810
	png	815

	postscript	818
	postscriptFonts	825
	pretty.Date	827
	ps.options	828
	quartz	830
	quartzFonts	832
	recordGraphics	833
	1	834
	recordPlot	
	rgb	836
	rgb2hsv	837
	savePlot	839
	trans3d	840
	Type1Font	840
	windows	842
	windows.options	846
	windowsFonts	847
	x11	848
	X11Fonts	853
		854
	xfig	
	xy.coords	856
	xyTable	857
	xyz.coords	858
_		0.64
5	The graphics package	861
	graphics-package	861
	abline	861
	arrows	863
	assocplot	864
	Axis	866
	axis	867
	axis.POSIXct	870
	axTicks	871
	barplot	873
	box	877
	boxplot	878
	boxplot.matrix	881
	bxp	882
	ed n lot	
	capiot	885
	cdplot	885 887
	clip	887
	clip	887 888 890
	clip	887 888 890 892
	clip contour convertXY coplot curve	887 888 890 892 894
	clip contour convertXY coplot curve dotchart	887 888 890 892 894 896
	clip contour convertXY coplot curve dotchart filled.contour	887 888 890 892 894 896 898
	clip contour convertXY coplot curve dotchart filled.contour fourfoldplot	887 888 890 892 894 896 898 900
	clip contour convertXY coplot curve dotchart filled.contour fourfoldplot frame	887 888 890 892 894 896 898 900 902
	clip contour convertXY coplot curve dotchart filled.contour fourfoldplot frame grid	887 888 890 892 894 896 898 900 902
	clip contour convertXY coplot curve dotchart filled.contour fourfoldplot frame	887 888 890 892 894 896 898 900 902
	clip contour convertXY coplot curve dotchart filled.contour fourfoldplot frame grid	887 888 890 892 894 896 898 900 902
	clip contour convertXY coplot curve dotchart filled.contour fourfoldplot frame grid hist	887 888 890 892 894 896 898 900 902 903 904
	clip contour convertXY coplot curve dotchart filled.contour fourfoldplot frame grid hist. hist.POSIXt	887 888 890 892 894 896 898 900 902 903 904 907
	clip contour convertXY coplot curve dotchart filled.contour fourfoldplot frame grid hist hist.POSIXt identify	887 888 890 892 894 896 898 900 902 903 904 907 909

		legend	 		 	 		 	 	 						 916
		lines	 		 	 		 	 	 						 921
		locator	 		 	 		 	 	 						 922
		matplot	 		 	 		 	 	 						 923
		mosaicplot	 		 	 		 	 	 						 926
		mtext	 		 	 		 	 	 						 929
		pairs												 		 931
		panel.smooth														934
		par														934
		persp														943
		pie														947
		1														947
		plot.data.frame														
		plot.default .														950
		plot.design														952
		plot.factor														954
		plot.formula .														955
		plot.histogram	 		 	 		 	 	 				 •		 956
		plot.raster	 		 	 		 	 	 						 958
		plot.table	 		 	 		 	 	 						 959
		plot.window .	 		 	 		 	 	 						 960
		plot.xy	 		 	 		 	 	 						 961
		points														962
		polygon	 		 	 		 	 	 						 965
		polypath														967
		rasterImage .														969
		rect														970
		rug														972
		screen														973
																975
		segments														976
		smoothScatter														
		spineplot														978
		stars														980
		stem														984
		stripchart														984
		strwidth														986
		sunflowerplot														988
		symbols	 		 	 		 	 	 						 990
		text	 		 	 		 	 	 						 992
		title	 		 	 		 	 	 						 995
		units	 		 	 		 	 	 						 996
		xspline	 		 	 		 	 	 						 997
		•														
6	The	grid package														1001
		grid-package	 		 	 		 	 	 						 1001
		absolute.size.	 		 	 		 	 	 						 1002
		arrow	 		 	 		 	 	 						 1003
		as.mask	 		 	 		 	 	 						 1003
		calcStringMeta														1004
		dataViewport														1006
		depth														1007
		deviceLoc														1007
																1008
		editDetails	 	• •	 	 	•	 	 •	 	•	 ٠	 ٠	 •	٠	 1010

editViewport	
explode	
gEdit	
getNames	
gpar	
gPath	6
Grid	7
Grid Viewports	7
grid.add	1
grid.bezier	2
grid.cap	3
grid.circle	4
- grid.clip	5
grid.convert	7
grid.copy	9
grid.curve	9
grid.delay	1
grid.display.list	2
grid.DLapply	
grid.draw	4
grid.edit	- 1
grid.force	
grid.frame	
grid.function	
grid.get	
grid.grab	
grid.grep	
grid.grill	
grid.grob	
grid.group	
grid.layout	
grid.lines	
grid.locator	
grid.ls	
6	
grid.newpage	
C	
\mathcal{E}	
grid.path	_
grid.place	
grid.plot.and.legend	
grid.points	
grid.polygon	
grid.pretty	
grid.raster	
grid.record	
grid.rect	
grid.refresh	Ξ
grid.remove	_
grid.reorder	
grid.segments	
grid.set	6

	grid.show.layout	7
	grid.show.viewport	3
	grid.stroke	9
	grid.text	1
	grid.xaxis	3
	grid.xspline	
	grid.yaxis	
	gridCoords	
	grobCoords	
	grobName	
	grobWidth	
	grobX	
	legendGrob	
	e	
	makeContent	
	patterns	
	plotViewport	
	Querying the Viewport Tree	
	resolveRasterSize	
	roundrect	
	showGrob)
	showViewport	1
	stringWidth	3
	unit	3
	unit.c	5
	unit.length	
	unit.pmin	
	unit.rep	
	unitType	
	valid.just	
	validDetails	
	viewportTransform	
	vpPath	
	widthDetails	
	Working with Viewports	
	xDetails	
	xsplinePoints	/
7 The	methods package 1119	n
/ THE	methods-package	
	1 6	
	BasicFunsList	_
	as	_
	BasicClasses	
	callGeneric	
	callNextMethod	
	canCoerce)
	cbind2)
	Classes	1
	classesToAM	1
	Classes_Details	3
	className	5
	classRepresentation-class	3
	Documentation	
	dotsMethods	

environment-class	1143
envRefClass-class	1144
evalSource	1145
findClass	1148
findMethods	1149
fixPre1.8	1152
genericFunction-class	
GenericFunctions	
getClass	
getMethod	
getPackageName	
hasArg	
implicitGeneric	
inheritedSlotNames	
initialize-methods	
Introduction	
is	
isSealedMethod	
language-class	
LinearMethodsList-class	
LocalReferenceClasses	
makeClassRepresentation	
method.skeleton	
MethodDefinition-class	
Methods	
MethodsList-class	
Methods_Details	1180
Methods_for_Nongenerics	1184
Methods_for_S3	1189
MethodWithNext-class	1191
new	1192
nonStructure-class	1194
ObjectsWithPackage-class	
promptClass	
promptMethods	
ReferenceClasses	
removeMethod	
representation	
1	1210
	1213
	1215
	1213
	1217
	1220
	1225
	1226
1	1230
	1231
	1235
	1238
setOldClass	1242
show	1245

xvii	

	showMethods	1	247
	signature-class		
	slot		
	StructureClasses		
	testInheritedMethods		
	TraceClasses		
	validObject	1	256
		_	
8	r transfer		259
	parallel-package		
	clusterApply	1	260
	detectCores	1	263
	makeCluster	1	264
	mcaffinity		
	mcchildren		
	mcfork		
	mclapply		
	mcparallel		
	pvec		
	RNGstreams	1	279
	splitIndices	1	280
9	The splines package	1	283
	splines-package	1	283
	asVector	1	283
	backSpline		
	bs		
	interpSpline		
	ns		
	periodicSpline		
	polySpline		
	predict.bs		
	predict.bSpline	1	292
	splineDesign	1	293
	splineKnots		
	splineOrder		
	xyVector		
	Ay 100101		270
10	0 The stats package	1	297
	stats-package	_	297
	.checkMFClasses		
	acf		
	acf2AR		
	add1		301
	addmargins		
	aggregate	1	305
	AIC	1	308
	alias		
	anova		
	anova.glm		
	anova.lm		
	anova.mlm		
	ansari.test	1	3T/

aov	19
approxfun	21
ar	24
ar.ols	27
arima	29
arima.sim	33
arima0	
ARMAacf	
ARMAtoMA	
as.hclust	
asOneSidedFormula	
ave	
bandwidth	
	44
	45
	48
Binomial	50
biplot	52
biplot.princomp	53
1 1 1	54
	55
	57
	58
	59
•	60
chisq.test	
Chisquare	
cmdscale	٠.
	69
rr	70
confint	71
constrOptim	72
contrast	74
contrasts	75
	76
	78
<u> </u>	79
	82
	85
	86
	87
1	88
1	90
dendrapply	91
dendrogram	92
density	97
	01
	.03
	.04
	.05
	.05 .06
Distributions	
Distributions	・レソ

$dummy.coef \ \dots \ \dots \ \dots \ \dots$		
ecdf		
eff.aovlist		
effects		
embed		
expand.model.frame		
Exponential	 	 1418
extractAIC		
factanal	 	 1421
factor.scope	 	 1424
family	 	 1425
FDist	 	 1429
fft	 	 1431
filter	 	 1432
fisher.test	 	 1434
fitted	 	 1437
fivenum	 	 1438
fligner.test	 	 1438
formula		
formula.nls		
friedman.test		
ftable		
ftable.formula		
GammaDist		
Geometric		
getInitial		
glm		
glm.control		
glm.summaries		
hclust		
heatmap		
•		1466
HoltWinters		1469
Hypergeometric		
identify.hclust		1471
influence.measures		1472
integrate		1476
interaction.plot		1478
IQR		1480
is.empty.model		1481
isoreg		1481
KalmanLike		1483
kernapply		1485
kernel	 	 1486
kmeans	 	 1488
		 1490
ks.test		1492
$ksmooth \ \dots \dots \dots \dots \dots$	 	 1495
lag	 	 1496
lag.plot	 	 1497
line	 	 1498
listof	 	 1500
lm	 	 1500

lm.fit	
lm.influence	1505
lm.summaries	
loadings	1508
loess	1509
loess.control	1511
Logistic	1512
logLik	1514
loglin	1515
Lognormal	1517
lowess	1519
ls.diag	1520
ls.print	1521
lsfit	1522
mad	1523
mahalanobis	1524
make.link	1525
makepredictcall	1526
manova	1527
mantelhaen.test	1528
mauchly.test	1530
mcnemar.test	1532
median	1533
medpolish	1534
model.extract	1535
model.frame	1536
model.matrix	1539
model.tables	1540
monthplot	1542
mood.test	1544
Multinom	1545
na.action	1546
na.contiguous	1547
na.fail	1548
naprint	1549
naresid	1549
NegBinomial	1550
nextn	1552
nlm	1553
nlminb	1556
nls	1558
nls.control	1564
NLSstAsymptotic	1565
NLSstClosestX	1566
NLSstLfAsymptote	1567
NLSstRtAsymptote	1568
nobs	1568
Normal	1569
numericDeriv	1571
offset	1572
oneway.test	1573
optim	1574
•	

optimize
order.dendrogram
p.adjust
Pair
pairwise.prop.test
pairwise.t.test
pairwise.table
pairwise.wilcox.test
plot.acf
plot.density
plot.HoltWinters
plot.isoreg
plot.lm
plot.ppr
plot.profile.nls
plot.spec
plot.stepfun
plot.ts
Poisson
poisson.test
poly
power
power.anova.test
power.prop.test
power.t.test
PP.test
ppoints
ppr
prcomp
predict
predict.Arima
predict.glm
predict.HoltWinters
predict.lm
predict.loess
predict.nless
1
predict.smooth.spline
preplot
princomp
print.power.htest
print.ts
printCoefmat
profile
profile.nls
proj
prop.test
prop.trend.test
gqnorm
quade.test
quantile
r2dtable
read ftable 1653

rect.hclust	556
	557
reorder.default	557
reorder.dendrogram	559
replications	560
reshape	561
residuals	565
	566
	568
	570
	571
1	572
	572
	574
	576
	570 577
1	578
E	580
	581
	583
	585
· · · · · · · · · · · · · · · · · · ·	586
	591
, and the second	592
1	593
1 16	595
spec.taper	597
spectrum	598
splinefun	599
SSasymp	703
SSasympOff	705
SSasympOrig	706
	707
•	709
	710
	711
•	713
SSlogis	
	715
	717
	718
	719
	719 720
T	720
	722
	724
stlmethods	
	728
,	730
,	731
······································	733
summary.manova	<i>1</i> 35

	summary.nls	37
	summary.princomp	38
		39
	symnum	
		42
		44
	ermplot	47
	erms	49
	erms.formula	50
	rerms.object	51
	ime	52
	oeplitz	53
	s	
	s.plot	
	s.union	57
	sdiag	58
	sp	59
	sSmooth	60
	Гикеу	60
	ГиkeyHSD	62
	Uniform	
	update	-
	ıpdate.formula	
	var.test	70
	varimax	71
	vcov	72
	Weibull	73
	weighted.mean	75
		76
	weights	
	wilcox.test	
	Wilcoxon	
		83
	xtabs	84
11 The :	1 18.	89
	stats4-package	89
	coef-methods	89
	confint-methods	90
		90
		90
		94
	blot-methods	
		95
	profile.mle-class	
	show-methods	97
	summary-methods	97
	summary.mle-class	98
	ipdate-methods	
	vcov-methods	
	veov methods	ノフ

12 The	r r r r r r r r r r r r r r r r r r r	801
	tcltk-package	801
	TclInterface	801
	tclServiceMode	806
	TkCommands	806
	tkpager	
	tkProgressBar	
	tkStartGUI	
	TkWidgetcmds	
	TkWidgets	
	tk_choose.dir	
	tk_choose.files	
	tk_messageBox	
	tk_select.list	819
13 The	tools package	821
	tools-package	821
	.print.via.format	
	add_datalist	
	assertCondition	
	bibstyle	
	buildVignette	
	buildVignettes	
	charsets	
	checkFF	
	checkMD5sums	
	checkPoFiles	
	checkRd	
	checkRdaFiles	
	checkTnF	
	checkVignettes	
	check_packages_in_dir	
	codoc	
	compactPDF	
	CRANtools	
	delimMatch	
	dependsOnPkgs	
	encoded_text_to_latex	847
	fileutils	
	find_gs_cmd	850
	getVignetteInfo	851
	HTMLheader	852
	HTMLlinks	853
	loadRdMacros	853
	makevars	855
	make_translations_pkg	855
	md5sum	
	package_dependencies	
	package_native_routine_registration_skeleton	
	parseLatex	
	parse_Rd	
	pskill	
	psnice	
	psince	UUJ

	QC						 	 										•		1866
	Rcmd						 	 												1867
	Rd2HTML						 	 												1868
	Rd2txt_options .																			
	Rdiff																			
	Rdindex																			
	RdTextFilter																			
	Rdutils																			
	read.00Index																			
	showNonASCII .																			
	startDynamicHelp																			
	•																			
	SweaveTeXFilter																			
	testInstalledPackag	_																		
	texi2dvi																			
	toHTML																			
	tools-deprecated .																			
	toRd																			
	toTitleCase						 	 												1884
	undoc						 	 												1884
	update_PACKAGE	ES					 	 												1885
	update_pkg_po .																			
	userdir																			
	vignetteEngine .																			
	vignetteInfo																			
	write_PACKAGES																			
	xgettext																			
	Ageneri		• •		•	• •	 	 		 •			 •	•	• •	•		•	•	1074
																				1897
14 The	utils package																			
14 The	utils package utils-package						 	 												
14 The	utils-package																			1897
14 The	utils-package adist						 	 												1897 1897
14 The	utils-package adist			 			 	 · ·				 								1897 1897 1899
14 The	utils-package adist alarm apropos	· · · · · · · · · · · · · · · · · · ·	 			 	 	 	· · · ·		 	· · · ·	 		 					1897 1897 1899 1900
14 The	utils-package adist alarm apropos aregexec		 	· · · · · ·		 	 	 	 	 	 	 	 		 		 			1897 1897 1899 1900 1901
14 The	utils-package adist alarm apropos aregexec arrangeWindows			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	 	 		 			 		 					1897 1897 1899 1900 1901 1902
14 The	utils-package adist alarm apropos aregexec arrangeWindows askYesNo					· · · · · · · · · · · · · · · · · · ·	 	 		 			 		· · · · · · · ·					1897 1897 1899 1900 1901 1902 1904
14 The	utils-package adist alarm apropos aregexec arrangeWindows askYesNo aspell		· · · · · · · · · · · · · · · · · · ·				 	 		 		· · · · · · · · · · · · · · · · · · ·	 				· · · · · · · · · · · · · · · · · · ·			1897 1897 1899 1900 1901 1902 1904 1905
14 The	utils-package adist alarm apropos aregexec arrangeWindows askYesNo aspell aspell-utils		· · · · · · · · · · · · · · · · · · ·				 	 		 	· · · · · · · · · · · · · · · · · · ·		 							1897 1897 1899 1900 1901 1902 1904 1905 1907
14 The	utils-package adist apropos arrangeWindows askYesNo aspell aspell - utils available.packages							 		 · · · · · · · · · · · ·			 							1897 1897 1899 1900 1901 1902 1904 1905 1907 1908
14 The	utils-package adist apropos arrangeWindows askYesNo aspell available.packages BATCH																	· · · · · · · · ·		1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911
14 The	utils-package adist apropos arrangeWindows askYesNo aspell available.packages BATCH bibentry																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911
14 The	utils-package adist																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912
14 The	utils-package adist apropos arrangeWindows askYesNo aspell available.packages BATCH bibentry																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912
14 The	utils-package adist																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917
14 The	utils-package adist																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917
14 The	utils-package adist																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917 1919
14 The	utils-package adist																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917 1919 1920 1922
14 The	utils-package adist alarm apropos aregexec arrange Windows ask Yes No aspell aspell-utils available.packages BATCH bibentry browse Env browse URL browse Vignettes bug.report capture.output changed Files alarm alarm arrange windows ask Yes No aspell aspell brokages aspell brokages aspell brokages and browse URL browse Vignettes bug.report capture.output changed Files are appropriated and the packages are appropriated by the packages as a spell brokage and the packages are appropriated by the package and the package are appropriated by the package and the package are appropriated by the package are ap																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917 1919 1920 1922 1923
14 The	utils-package adist alarm apropos aregexec arrangeWindows askYesNo aspell aspell-utils available.packages BATCH bibentry browseEnv browseURL browseVignettes bug.report capture.output changedFiles charClass apropose and alarm and alarm are approposed by the control of the cont																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917 1919 1920 1922 1923 1925
14 The	utils-package adist																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917 1919 1920 1922 1923 1925 1927
14 The	utils-package adist alarm apropos aregexec arrange Windows ask Yes No aspell aspell-utils available.packages BATCH bibentry browse Env browse URL browse Vignettes bug.report capture.output changed Files char Class choose.dir choose.files charchar approprious adistribution of the control of																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917 1919 1920 1922 1923 1925 1927 1928
14 The	utils-package adist alarm apropos aregexec arrange Windows ask Yes No aspell aspell-utils available.packages BATCH bibentry browse Env browse URL browse Vignettes bug.report capture.output changed Files char Class choose.dir choose.files choose Bio Cmirror																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917 1920 1922 1923 1925 1927 1928 1929
14 The	utils-package adist	· · · · · · · · · · · · · · · · · · ·																		1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917 1920 1922 1923 1925 1927 1928 1929 1930
14 The	utils-package adist alarm apropos aregexec arrange Windows ask Yes No aspell aspell-utils available.packages BATCH bibentry browse Env browse URL browse Vignettes bug.report capture.output changed Files char Class choose.dir choose.files choose Bio Cmirror																			1897 1897 1899 1900 1901 1902 1904 1905 1907 1908 1911 1912 1916 1917 1920 1922 1923 1925 1927 1928 1929 1930 1931

citEntry	
clipboard	. 1936
close.socket	. 1937
combn	. 1938
compareVersion	. 1939
COMPILE	
contrib.url	
count.fields	
create.post	
data	
dataentry	
debugcall	
debugger	
demo	
DLL.version	
download.file	. 1953
download.packages	. 1957
edit	. 1958
edit.data.frame	. 1960
example	
file.edit	
file_test	
findLineNum	
fix	
flush.console	
format	
getAnywhere	
getFromNamespace	
getParseData	
getS3method	
getWindowsHandle	. 1975
getWindowsHandles	. 1976
glob2rx	. 1977
globalVariables	. 1978
hashtab	
hasName	
head	
help	
help.request	
1 1	
<u>r</u>	
help.start	
hsearch-utils	. 1994
INSTALL	. 1995
install.packages	. 1997
installed.packages	. 2003
isS3method	. 2004
isS3stdGeneric	. 2005
LINK	. 2006
localeToCharset	
ls.str	
maintainer	
make.packages.html	
	010

make.socket
menu
methods
mirrorAdmin
modifyList
news
nsl
object.size
package.skeleton
packageDescription
packageName
· ·
packageStatus
page
person
PkgUtils
process.events
prompt
promptData
promptPackage
Question
rcompgen
read.DIF
read.fortran
read.fwf
read.socket
read.table
readRegistry
recover
relist
REMOVE
remove.packages
removeSource
RHOME
roman
Rprof
Rprofmem
Rscript
1
20/0
RSiteSearch
rtags
Rtangle
RweaveLatex
Rwin configuration
savehistory
select.list
sessionInfo
setRepositories
setWindowTitle
SHLIB
shortPathName
sourceutils
stack 2097

	str	2093
	strcapture	2096
	summaryRprof	2097
	Sweave	2100
	SweaveSyntConv	2102
	tar	2103
	toLatex	2105
	txtProgressBar	2106
	type.convert	
	untar	
	unzip	
	update.packages	
	url.show	
	URLencode	
	utils-deprecated	
	View	
	vignette	
	warnErrList	
	winDialog	
	winextras	
	winMenus	
	winProgressBar	
	write.table	
	zip	2128
II		
11		2131
	he KernSmooth package	2131 2133
	he KernSmooth package bkde	2133 2133
	he KernSmooth package bkde	2133 2133 2134
	he KernSmooth package bkde	2133 2133 2134 2136
	he KernSmooth package bkde	2133 2133 2134 2136 2137
	he KernSmooth package bkde bkde2D bkfe dpih dpik	2133 2134 2136 2137 2138
	he KernSmooth package bkde	2133 2134 2136 2137 2138
	he KernSmooth package bkde bkde2D bkfe dpih dpik	2133 2134 2136 2137 2138 2139
15	he KernSmooth package bkde bkde2D bkfe dpih dpik dpill locpoly	2133 2134 2136 2137 2138 2139 2141
15	he KernSmooth package bkde	2133 2133 2134 2136 2137 2138 2139 2141 2143
15	he KernSmooth package bkde	2133 2134 2136 2137 2138 2139 2141 2143 2143
15	he KernSmooth package bkde	2133 2134 2136 2137 2138 2139 2141 2143 2143
15	he KernSmooth package bkde bkde2D bkfe dpih dpik dpik dpill locpoly he MASS package abbey accdeaths addterm	2133 2134 2136 2137 2138 2139 2141 2143 2143 2144
15	he KernSmooth package bkde	2133 2134 2136 2137 2138 2139 2141 2143 2143 2143 2144 2145
15	he KernSmooth package bkde	2133 2134 2136 2137 2138 2139 2141 2143 2143 2143 2144 2145 2146
15	he KernSmooth package bkde bkde2D bkfe dpih dpik dpil locpoly he MASS package abbey accdeaths addterm Aids2 Animals anorexia	2133 2134 2136 2137 2138 2139 2141 2143 2143 2144 2145 2146 2147
15	he KernSmooth package bkde bkde2D bkfe dpih dpik dpil locpoly he MASS package abbey accdeaths addterm Aids2 Animals anorexia anova.negbin	2133 2134 2136 2137 2138 2139 2141 2143 2143 2144 2145 2146 2147 2147
15	he KernSmooth package bkde bkde2D bkfe dpih dpik dpil locpoly he MASS package abbey accdeaths addterm Aids2 Animals anorexia anova.negbin area	2133 2134 2136 2137 2138 2139 2141 2143 2143 2144 2145 2146 2147 2147 2148
15	he KernSmooth package bkde bkde 2D bkfe dpih dpik dpil locpoly he MASS package abbey accdeaths addterm Aids2 Animals anorexia anova.negbin area bacteria	2133 2134 2136 2137 2138 2139 2141 2143 2143 2144 2145 2146 2147 2147 2148 2149
15	he KernSmooth package bkde	2133 2134 2136 2137 2138 2139 2141 2143 2143 2144 2145 2146 2147 2147 2148 2149 2150
15	he KernSmooth package bkde bkde2D bkfe dpih dpik dpik dpill locpoly he MASS package abbey accdeaths addterm Aids2 Animals anorexia anova.negbin area bacteria bandwidth.nrd bcv	2133 2134 2136 2137 2138 2139 2141 2143 2143 2144 2145 2146 2147 2147 2148 2149 2150 2151
15	he KernSmooth package bkde bkde 2D bkfe dpih dpik dpik dpill locpoly he MASS package abbey accdeaths addterm Aids2 Animals anorexia anova.negbin area bacteria bandwidth.nrd bcv beav1	2133 2134 2136 2137 2138 2139 2141 2143 2144 2145 2146 2147 2147 2148 2149 2150 2151 2152
15	he KernSmooth package bkde bkde 2D bkfe dpih dpik dpil locpoly he MASS package abbey accdeaths addterm Aids2 Animals anorexia anorexia anova.negbin area bacteria bandwidth.nrd bcv beav1 beav2	2133 2134 2136 2137 2138 2139 2141 2143 2144 2145 2146 2147 2147 2148 2149 2150 2151 2152 2153
15	he KernSmooth package bkde bkde 2D bkfe dpih dpik dpik dpill locpoly he MASS package abbey accdeaths addterm Aids2 Animals anorexia anova.negbin area bacteria bandwidth.nrd bcv beav1	2133 2134 2136 2137 2138 2139 2141 2143 2143 2144 2145 2146 2147 2147 2147 2148 2150 2151 2152 2153 2154

birthwt	
boxcox	
cabbages	
caith	
Cars93	
cats	
cement	
chem	
con2tr	2163
confint-MASS	2164
contr.sdif	2165
coop	2166
corresp	2167
cov.rob	
cov.trob	
cpus	
crabs	
Cushings	
DDT	
deaths	
denumerate	
dose.p	
drivers	
dropterm	
eagles	
epil	2179
eqscplot	2180
farms	2181
fgl	2182
fitdistr	
forbes	
fractions	
GAGurine	
galaxies	
gamma.dispersion	
	2189
gehan	
genotype	2190
geyser	2191
gilgais	2192
ginv	2193
glm.convert	2193
glm.nb	2194
glmmPQL	2195
hills	2196
hist.scott	2197
housing	2198
huber	2199
hubers	
immer	
Insurance	
Insurance	4404

isoMDS	. 2203
kde2d	. 2204
lda	. 2205
ldahist	. 2207
leuk	. 2209
lm.gls	. 2210
lm.ridge	. 2211
loglm	. 2212
logtrans	. 2214
lqs	. 2215
mammals	. 2218
mca	. 2219
mcycle	. 2220
Melanoma	. 2220
menarche	. 2221
michelson	. 2222
minn38	. 2222
motors	. 2222
muscle	. 2223
	. 2224
mvrnorm	. 2225
negative.binomial	
newcomb	. 2227
nlschools	. 2227
npk	. 2228
npr1	. 2229
Null	. 2230
	. 2231
OME	
F	. 2234
pairs.lda	. 2235
parcoord	. 2236
petrol	. 2237
Pima.tr	. 2238
plot.lda	. 2239
plot.mca	. 2240
plot.profile	. 2240
polr	. 2241
predict.glmmPQL	. 2244
predict.lda	. 2245
predict.lqs	. 2246
predict.mca	. 2247
predict.qda	. 2248
profile.glm	
qda	. 2250
quine	. 2252
Rabbit	
rational	2251
rlm	2250
rms.curv	
rnegbin	22.60
road	. 2260

	rotifer	2260
	Rubber	2261
	sammon	2262
	ships	2263
	shoes	2264
	shrimp	
	shuttle	
	Sitka	
	Sitka89	
	Skye	
	snails	
	SP500	
	stdres	
	steam	
	stepAIC	
	stormer	
	studres	
	summary.loglm	
	summary.negbin	2275
	summary.rlm	2276
	survey	2277
	synth.tr	2278
	theta.md	2278
	topo	2280
	Traffic	
	truehist	
	ucv	
	UScereal	
	UScrime	
	VA	
	waders	
	whiteside	
	width.SJ	
	write.matrix	
	wtloss	
	wuoss	2290
17 The	Matrix package	2291
17 THC	abIndex-class	2291
		2292
	all-methods	
	all.equal-methods	
	•	
	atomicVector-class	
	band	
		2296
		2298
		2299
		2301
		2302
		2303
	chol	
	chol2inv-methods	2308
	Cholesky	2308
	Cholesky-class	2311

colSums	
compMatrix-class	
condest	. 2315
CsparseMatrix-class	. 2317
ddenseMatrix-class	. 2318
ddiMatrix-class	
denseMatrix-class	
dgCMatrix-class	
dgeMatrix-class	
dgRMatrix-class	
dgTMatrix-class	
Diagonal	
· ·	
diagonalMatrix-class	
diagU2N	
dMatrix-class	
dmperm	
dpoMatrix-class	
drop0	
dsCMatrix-class	. 2335
dsparseMatrix-class	. 2337
dsRMatrix-class	. 2337
dsyMatrix-class	. 2339
dtCMatrix-class	
dtpMatrix-class	
dtRMatrix-class	
dtrMatrix-class	
expand	
expm	
externalFormats	
facmul	
forceSymmetric	
formatSparseM	
•	
generalMatrix-class	
graph-sparseMatrix	
Hilbert	
image-methods	
index-class	
indMatrix-class	
invPerm	
is.na-methods	
is.null.DN	. 2362
isSymmetric-methods	. 2363
isTriangular	. 2364
KhatriRao	. 2365
KNex	. 2366
kronecker-methods	. 2367
ldenseMatrix-class	
ldiMatrix-class	
lgeMatrix-class	
IsparseMatrix-classes	
lsyMatrix-class	
ItrMatrix-class	
1U171UU1/A V1U00	. 4313

lu	
LU-class	
mat2triplet	
Matrix	
Matrix-class	
matrix-products	
MatrixClass	
MatrixFactorization-class	
ndenseMatrix-class	
nearPD	
ngeMatrix-class	
nMatrix-class	
nnzero	. 2392
norm	. 2393
nsparseMatrix-classes	. 2394
nsyMatrix-class	. 2396
ntrMatrix-class	. 2397
number-class	. 2398
packedMatrix-class	
pMatrix-class	
printSpMatrix	
qr-methods	
rankMatrix	
rcond	
rep2abI	
•	
replValue-class	
rleDiff-class	
rsparsematrix	
RsparseMatrix-class	
Schur	
Schur-class	
solve-methods	
sparse.model.matrix	
sparseLU-class	
SparseM-conversions	. 2423
sparseMatrix	. 2424
sparseMatrix-class	. 2427
sparseQR-class	
sparseVector	. 2431
sparseVector-class	
spMatrix	
symmetricMatrix-class	
symmpart	
triangularMatrix-class	
TsparseMatrix-class	
uniqTsparse	
unpack	
Unused-classes	
updown	
USCounties	
wrld_ldeg	
[-methods	. 244/

[<-methods	 	 	 		 	 	 		 		 			2448
%&%-methods	 	 	 		 		 		 					2449
18 The boot package														2451
abc.ci	 	 	 		 		 		 					2451
acme	 	 	 		 		 		 					2453
aids	 	 	 		 		 		 					2453
aircondit	 	 	 		 	 	 		 		 	. ,		2454
amis	 	 	 		 	 	 		 					2455
aml	 	 	 		 	 	 		 					2456
beaver														
bigcity	 	 	 		 	 	 		 		 			2458
boot														
boot.array														
boot.ci														
brambles														
calcium														
cane													•	2471
capability													•	2472
catsM	 	 	 	•	 	 •	 	٠	 	•	 •		 •	2472
cav	 	 	 	•	 	 •	 		 	•	 •	•	 •	2473
cd4													•	2474
cd4.nested														2474
censboot	 	 	 		 		 		 					2475
channing	 	 	 		 		 		 					2479
claridge	 	 	 		 		 		 					2480
cloth	 	 	 		 		 		 					2481
co.transfer	 	 	 		 	 	 		 			. ,		2481
coal	 	 	 		 	 	 		 		 			2482
control	 	 	 		 	 	 		 					2483
corr	 	 	 		 	 	 		 		 			2485
cum3	 	 	 		 	 	 		 		 			2485
cv.glm														2486
darwin														2488
dogs														2489
downs.bc														2489
dualea														2490
													•	2491
									 	•	 •		 •	2491
empinf									 	•	 •			
envelope										•	 •			2494
exp.tilt									 	•	 •			2496
fir									 	•	 •		 •	2498
freq.array	 	 	 	•	 	 •	 	•	 	•	 •			2498
frets	 	 	 	•	 	 •	 		 	•				2499
glm.diag	 	 	 	•	 	 •	 		 					2500
glm.diag.plots .	 	 	 		 		 		 					2501
gravity	 	 	 		 		 		 					2502
hirose	 	 	 		 		 		 					2503
Imp.Estimates .	 	 	 		 		 		 					2504
imp.weights	 	 	 		 		 		 			. ,		2506
inv.logit	 	 	 		 		 		 					2507
islay	 	 	 		 		 		 					2508

	jack.after.boot	2508
	k3.linear	2510
	linear.approx	2511
	lines.saddle.distn	2513
	logit	
	manaus	
	melanoma	
	motor	
	neuro	
	nitrofen	
	nodal	
	norm.ci	
	nuclear	
	paulsen	
	plot.boot	
	poisons	
	polar	
	print.boot	
	print.bootci	2528
	print.saddle.distn	2529
	print.simplex	2529
	remission	2530
	saddle	2531
	saddle.distn	2533
	saddle.distn.object	2536
	salinity	
	simplex	
	simplex.object	
	smooth.f	
	sunspot	
	survival	
	tau	
	tilt.boot	
	tsboot	
	tuna	
	urine	
		2552
	wool	2552
19 The	class package 2	2555
1, 1110		2555
		2556
		2557
		2558
		2559
		2560
	- 4	
	1	2561
		2562
	. 1	2563
	1	2564
		2565
	· · · · · · · · · · · · · · · · · · ·	2566
	reduce.nn	2567

	SOM
	somgrid
20 The	cluster package 257
	agnes
	agnes.object
	agriculture
	animals
	bannerplot
	chorSub
	clara
	clara.object
	clusGap
	clusplot
	T
	coef.hclust
	daisy
	diana
	dissimilarity.object
	ellipsoidhull
	fanny
	fanny.object
	flower
	lower.to.upper.tri.inds
	mona
	mona.object
	pam
	pam.object
	partition.object
	plantTraits
	plot.agnes
	1
	plot.partition
	pltree
	pluton
	predict.ellipsoid
	print.agnes
	print.clara
	print.diana
	print.dissimilarity
	print.fanny
	print.mona
	print.pam
	ruspini
	silhouette
	sizeDiss
	summary.agnes
	summary.clara
	summary.diana
	summary.pam
	twins.object

	•
XXXV1	1

		264
	volume.ellipsoid	
	votes.repub	
	xclara	. 264
21	he codetools package	264 :
	checkUsage	. 264
	codetools	. 264
	findGlobals	
	showTree	
	Show free	. 204
22	he foreign package	265
22	lookup.xport	
	read.arff	
	read.dbf	
	read.dta	
	read.epiinfo	. 265
	read.mtp	. 265
	read.octave	
	read.spss	
	read.ssd	
	read.systat	
	read.xport	
	S3 read functions	
	write.arff	. 266
	write.dbf	. 266
	write.dta	. 266
	write foreign	267
	write.foreign	. 267
23		
23	he lattice package	267
23	he lattice package A_01_Lattice	267 :
23	he lattice package A_01_Lattice	267: . 267:
23	he lattice package A_01_Lattice	2673 . 2673 . 2676 . 2693
23	he lattice package A_01_Lattice	267 · 267 · 269 · 269
23	he lattice package A_01_Lattice	267: 267: 267: 269: 269:
23	he lattice package A_01_Lattice	267: 267: 267: 269: 269:
23	he lattice package A_01_Lattice	267 267 267 269 269 269 270
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq	267: 267: 267: 269: 269: 269: 270: 270:
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot	267. 267. 267. 269. 269. 269. 270. 270.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud	267. 267. 269. 269. 269. 270. 270. 270.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom	267. 267. 269. 269. 269. 270. 270. 271.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd	267. 267. 269. 269. 269. 270. 270. 271. 271.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs	267. 267. 269. 269. 269. 270. 270. 270. 271. 271. 272.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_08_splom B_09_tmd B_10_rfs B_11_oneway	267. 267. 269. 269. 269. 270. 270. 271. 271. 2712. 272.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device	267. 267. 269. 269. 269. 270. 270. 271. 271. 272. 272. 272.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_08_splom B_09_tmd B_10_rfs B_11_oneway	267. 267. 269. 269. 269. 270. 270. 271. 271. 272. 272. 272.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device	267. 267. 269. 269. 269. 270. 270. 271. 271. 272. 272. 272. 272.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device C_02_trellis.par.get C_03_simpleTheme	267. 267. 269. 269. 270. 270. 271. 271. 272. 272. 272. 272. 272.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device C_02_trellis.par.get C_03_simpleTheme C_04_lattice.options	267. 267. 269. 269. 270. 270. 271. 271. 272. 272. 272. 272. 272. 272
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device C_02_trellis.par.get C_03_simpleTheme C_04_lattice.options C_05_print.trellis	267. 267. 269. 269. 270. 270. 271. 271. 272. 272. 272. 272. 272. 272
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device C_02_trellis.par.get C_03_simpleTheme C_04_lattice.options C_05_print.trellis C_06_update.trellis	267. 267. 269. 269. 270. 270. 270. 271. 271. 272. 272. 272. 272. 272. 273.
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device C_02_trellis.par.get C_03_simpleTheme C_04_lattice.options C_05_print.trellis C_06_update.trellis C_07_shingles	267. 267. 269. 269. 269. 270. 270. 271. 271. 272. 272. 272. 272. 272. 273. 273. 273
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device C_02_trellis.par.get C_03_simpleTheme C_04_lattice.options C_05_print.trellis C_06_update.trellis C_07_shingles D_draw.colorkey	267. 267. 269. 269. 269. 270. 270. 271. 271. 272. 272. 272. 272. 272. 273. 273. 273
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device C_02_trellis.par.get C_03_simpleTheme C_04_lattice.options C_05_print.trellis C_06_update.trellis C_07_shingles D_draw.colorkey D_draw.key	267. 267. 269. 269. 270. 270. 271. 271. 272. 272. 272. 272. 272. 273. 273. 273
23	he lattice package A_01_Lattice B_00_xyplot B_01_xyplot.ts B_02_barchart.table B_03_histogram B_04_qqmath B_05_qq B_06_levelplot B_07_cloud B_08_splom B_09_tmd B_10_rfs B_11_oneway C_01_trellis.device C_02_trellis.par.get C_03_simpleTheme C_04_lattice.options C_05_print.trellis C_06_update.trellis C_07_shingles D_draw.colorkey	267. 267. 269. 269. 270. 270. 271. 271. 272. 272. 272. 272. 272. 273. 273. 273

	D_simpleKey
	D_strip.default
	D_trellis.object
	E interaction
	F_1_panel.barchart
	F 1 panel.bwplot
	F_1_panel.cloud
	F_1_panel.densityplot
	_ <u>-</u> 1
	F_1_panel.dotplot
	F_1_panel.histogram
	F_1_panel.levelplot
	F_1_panel.pairs
	F_1_panel.parallel
	F_1_panel.qqmath
	F_1_panel.stripplot
	F_1_panel.xyplot
	F_2_llines
	F_2_panel.functions
	F_2_panel.loess
	F_2_panel.qqmathline
	F_2_panel.smoothScatter
	F_2_panel.spline
	F_2_panel.superpose
	F 2 panel.violin
	F_3_prepanel.default
	F_3_prepanel.functions
	G_axis.default
	G_banking
	G_latticeParseFormula
	G_packet.panel.default
	G_panel.axis
	G_panel.number
	G_Rows
	G_utilities.3d
	H_barley
	H_environmental
	H_ethanol
	H_melanoma
	H_singer
	H_USMortality
	I_lset
24 The	ngcv package 2813
	anova.gam
	bam
	bam.update
	bandchol
	betar
	blas.thread.test
	bug.reports.mgcv
	choldrop
	choose.k
	columb

concurvity	
cox.ph	
cox.pht	
cSplineDes	
dDeta	
exclude.too.far	-
extract.lme.cov	-
family.mgcv	14
FFdes	15
fix.family.link	16
fixDependence	1 7
formula.gam	18
formXtViX	50
fs.test	51
full.score	52
gam	53
gam.check	52
gam.control	54
gam.convergence	
gam.fit	
gam.fit3	
gam.fit5.post.proc	
gam.mh	
gam.models	
gam.outer	
gam.reparam	
gam.scale	
gam.selection	
gam.side	
gam.vcomp	
gam2objective	
gamlso.etamu	
gamlss.gH	
gamm	
gammals	
gamObject	_
gamSim	
gaulss	
get.var	
gevlss	
ginla	
gumbls	-
identifiability	4
in.out	5
influence.gam	6
initial.sp	17
inSide	8
interpret.gam	9
jagam	20
k.check	25
ldetS	26
IdTwaadia 202	7

linear.functional.terms	. 2929
logLik.gam	. 2932
ls.size	. 2934
magic	. 2935
magic.post.proc	. 2939
mgcv.FAQ	. 2940
mgcv.package	. 2942
mgcv.parallel	. 2944
mini.roots	. 2946
missing.data	. 2947
model.matrix.gam	. 2948
mono.con	. 2949
mroot	. 2950
multinom	. 2951
mvn	. 2953
negbin	. 2954
new.name	. 2956
notExp	
notExp2	
null.space.dimension	
ocat	
one.se.rule	
pcls	
pdIdnot	
pdTens	
pen.edf	
place.knots	
plot.gam	
polys.plot	
predict.bam	
predict.gam	
Predict.matrix	
Predict.matrix.cr.smooth	. 2987
Predict.matrix.soap.film	. 2988
print.gam	. 2990
psum.chisq	. 2991
qq.gam	. 2993
random.effects	. 2995
residuals.gam	. 2997
rig	. 2998
rmvn	. 2999
Rrank	
rTweedie	
S	. 3002
scat	. 3002
sdiag	
	2005
single.index	
Sl.inirep	
Sl.repara	
Sl.setup	
slanczos	3013

	smooth.construct	
	smooth.construct.ad.smooth.spec	3019
	smooth.construct.bs.smooth.spec	3022
	smooth.construct.cr.smooth.spec	3025
	smooth.construct.ds.smooth.spec	3027
	smooth.construct.fs.smooth.spec	3029
	smooth.construct.gp.smooth.spec	3031
	smooth.construct.mrf.smooth.spec	
	smooth.construct.ps.smooth.spec	
	smooth.construct.re.smooth.spec	
	smooth.construct.so.smooth.spec	
	smooth.construct.sos.smooth.spec	
	smooth.construct.t2.smooth.spec	
	smooth.construct.tensor.smooth.spec	
	smooth.construct.tensor.smooth.spec	
	smooth.info	
	smooth.terms	
	smooth2random	
	smoothCon	
	sp.vcov	
	spasm.construct	
	step.gam	
	summary.gam	
	t2	3071
	te	3075
	tensor.prod.model.matrix	3079
	totalPenaltySpace	3081
	trichol	3082
	trind.generator	3083
	Tweedie	3084
	twlss	3086
	uniquecombs	
	vcov.gam	
	vis.gam	
	XWXd	
	ziP	
	ziplss	
	24piss	5071
25 The	nlme package	3101
	ACF	3101
	ACF.gls	
	ACF.lme	
	Alfalfa	
		3105
		3106
		3108
		3110
		3111
	•	0111
		3112
	asOneFormula	
	Assay	
	asTable	
	augPred	3115

alancedGrouped		
df		
BodyWeight		
Cefamandole	3	120
Coef		
oef.corStruct	3	121
oef.gnls	3	122
oef.lme	3	123
oef.lmList	3	124
oef.modelStruct	3	126
oef.pdMat	3	127
oef.reStruct	3	128
oef.varFunc	3	129
ollapse		
ollapse.groupedData		
ompareFits		
omparePred		
orAR1		
orARMA		
orCAR1		
orClasses		
orCompSymm		
orExp		
orFactor		
orFactor.corStruct		
orGaus		
orLin		
orMatrix		
orMatrix.corStruct		
orMatrix.pdMat		
orMatrix.reStruct		
orNatural		152
orRatio	3	153
orSpatial	3	154
orSpher	3	156
orSymm	3	158
Covariate	3	159
Covariate.varFunc		160
Dialyzer	3	161
om	3	161
Dim.corSpatial		
Dim.corStruct		163
Dim.pdMat		164
Barthquake		165
rgoStool		166
Fatigue		166
dHess		167
itted.glsStruct		168
itted.gnlsStruct		169
itted.lme		169
itted.lmeStruct		170
itted.lmList	3	1/1

tted.nlmeStruct	
xed.effects	
xef.lmList	
ormula.pdBlocked	
ormula.pdMat	
ormula.reStruct	
apply	
Sasoline	
etCovariate	
etCovariate.corStruct	
etCovariate.data.frame	
etCovariate.varFunc	
etCovariateFormula	3183
etData	3183
etData.gls	3184
etData.lme	3185
etData.lmList	3186
etGroups	3186
etGroups.corStruct	3187
etGroups.data.frame	3188
etGroups.gls	
etGroups.lme	
etGroups.lmList	
etGroups.varFunc	
etGroupsFormula	
etResponse	
etResponseFormula	
etVarCov	
ls	
lsControl	
lsObject	
lsStruct	
ilucose	
ilucose2	
nls	
nlsControl	
nlsObject	
	3207
	3208
summary	
-	3212
	3212
	3212
	3214
	3214
6	3215
	3215 3216
	3216
	321 <i>1</i> 3218
	3219
ntervals.lme	
ntervals.lmList	322I

isBalanced	
isInitialized	3223
LDEsysMat	3224
lme	3225
lme.groupedData	3227
lme.lmList	3230
ImeControl	3232
lmeObject	3233
lmeStruct	
lmList	
lmList.groupedData	
logDet	
logDet.corStruct	
logDet.pdMat	
logDet.reStruct	
logLik.corStruct	
logLik.edsStruct	
logLik.gnls	
logLik.gnlsStruct	
logLik.lme	
logLik.lmeStruct	
e a constant of the constant o	
logLik.lmList	
logLik.reStruct	
logLik.varFunc	
Machines	
MathAchieve	
MathAchSchool	
Matrix	
Matrix.pdMat	
Matrix.reStruct	
Meat	
Milk	
model.matrix.reStruct	
Muscle	
Names	
Names.formula	
Names.pdBlocked	
Names.pdMat	3258
Names.reStruct	3259
needUpdate	3260
needUpdate.modelStruct	3260
Nitrendipene	3261
nlme	3262
nlme.nlsList	3265
nlmeControl	3267
nlmeObject	3269
nlmeStruct	
nlsList	
nlsList.selfStart	
Oats	
Orthodont	
Ovary	
~ · va_ ;	J-1J

Oxboys	3276
Oxide	3276
pairs.compareFits	3277
pairs.lme	3278
pairs.lmList	3279
PBG	3281
pdBlocked	3281
pdClasses	3283
pdCompSymm	
pdConstruct	
pdConstruct.pdBlocked	
pdDiag	
pdFactor	
pdFactor.reStruct	
pdIdent	
pdLogChol	
pdMat	
pdMatrix	
pdMatrix.reStruct	
pdNatural	
pdSymm	
Phenobarb	
phenoModel	
Pixel	
plot.ACF	
plot.augPred	
plot.compareFits	
plot.gls	
plot.grs	
plot.lme	
plot.lmList	
<u>*</u>	
plot.nffGroupedData	
plot.nfnGroupedData	
plot.nmGroupedData	
1	
plot.ranef.lmList	
plot. Variogram	
pooledSD	
predict.gls	
predict.gnls	
predict.lme	
predict.lmList	
predict.nlme	
print.summary.pdMat	
print.varFunc	
qqnorm.gls	
qqnorm.lme	
Quinidine	
quinModel	3330
Rail	
random.effects	3332
ranef Ime	3332

anef.lmList	
RatPupWeight	. 3335
ecalc	. 3336
ecalc.corStruct	. 3337
ecalc.modelStruct	. 3338
ecalc.reStruct	. 3339
ecalc.varFunc	. 3339
Relaxin	
Remifentanil	
esiduals.gls	
esiduals.glsStruct	
esiduals.gnlsStruct	
esiduals.lme	
esiduals.lmeStruct	
esiduals.lmList	
esiduals.nlmeStruct	
eStruct	
imulate.lme	
solve.pdMat	
solve.reStruct	
Soybean	
plitFormula	
Spruce	
summary.corStruct	
•	
summary.gls	
summary.lme	
summary.lmList	
summary.modelStruct	
summary.nlsList	
summary.pdMat	
summary.varFunc	
Tetracycline1	
Tetracycline2	
pdate.modelStruct	
pdate.varFunc	
varClasses	
varComb	
varConstPower	
varConstProp	
VarCorr	
varExp	. 3373
varFixed	. 3374
rarFunc	. 3375
varIdent	. 3375
Variogram	. 3377
Variogram.corExp	
Variogram.corGaus	. 3379
Variogram.corLin	. 3380
Variogram.corRatio	. 3381
Variogram.corSpatial	. 3382
Variogram.corSpher	
Variogram.default	

xlvii	

	Variogram.gls		 		 		 	 			 	 		3385
	Variogram.lme													
	varPower													
	varWeights .													
	varWeights.gls	Struct	 		 		 	 			 	 	•	3391
	varWeights.lme	Struct	 		 		 	 			 	 		3391
	Wafer		 		 		 	 			 	 		3392
	Wheat		 		 		 	 			 	 		3393
	Wheat2													
	[.pdMat		 	• •	 	• •	 	 • •	• •	• •	 	 	•	3394
26 The														3395
20 THE	nnet package													
	class.ind													
	multinom		 		 		 	 			 	 		3396
	nnet		 		 		 	 			 	 		3397
	nnetHess		 		 		 	 			 	 		3400
	predict.nnet .													
	which.is.max													
	WIIICII.18.IIIax		 	• •	 	• •	 	 		• •	 	 	•	3402
27 The	rpart package													3403
21 THE														
	car.test.frame													
	car90													
	cu.summary .		 		 		 	 			 	 		3406
	kyphosis		 		 		 	 			 	 		3407
	labels.rpart .		 		 		 	 			 	 		3407
	meanvar.rpart													
	na.rpart													
	path.rpart													
	plot.rpart													
	plotcp													
	post.rpart		 		 		 	 			 	 		3413
	predict.rpart .		 		 		 	 			 	 		3414
	print.rpart													
	printep													
	prune.rpart													
	residuals.rpart													
	rpart													
	rpart.control .		 		 		 	 			 	 		3421
	rpart.exp		 		 		 	 			 	 		3423
	rpart.object .													
	rsq.rpart													
	snip.rpart													
	solder.balance													
	stagec													
	summary.rpart													
	text.rpart		 		 		 	 			 	 		3429
	xpred.rpart													
	- I													
28 The	spatial packag	ge												3433
	anova.trls		 		 		 	 			 			3433
	correlogram .													
	•													
	expcov													
	Kaver		 		 		 	 			 	 		3436

	Kenvl	-37
	Kfn	38
	ppgetregion	39
	ppinit	39
	pplik	40
	11	41
	••	41
	P	42
	Psim	
		44
	SSI	
		46
		40 47
		48
		49
	trmat	
	variogram	51
29 The	1 6	53
	aareg	53
	aeqSurv	56
	aggregate.survfit	.57
	agreg.fit	58
	aml	59
	anova.coxph	.59
	attrassign	-60
	basehaz	
	bladder	
	blogit	
	cch	
	e	
	cipoisson	
	clogit	
	cluster	
		73
		74
		76
	r	-77
	coxph	.79
	coxph.control	83
	coxph.detail	85
	coxph.object	86
	coxph.wtest	87
	coxsurv.fit	-88
		.89
		.90
	finegray	
	8.3	.93
		.95 .95
	· · · · · · · · · · · · · · · · · · ·	
		.97
		.98
	is.ratetable	.99

kidney	3499
levels.Surv	3500
lines.survfit	3501
logan	3503
logLik.coxph	
lung	
mgus	
mgus2	
model.frame.coxph	
model.matrix.coxph	
myeloid	
myeloma	
nafld	
neardate	
nsk	
nwtco	3516
ovarian	3517
pbc	3518
pbcseq	3519
plot.aareg	
plot.cox.zph	
plot.survfit	
predict.coxph	
predict.survreg	
print.aareg	
print.summary.coxph	
print.summary.survexp	
print.summary.survfit	
print.survfit	
pseudo	
pspline	
pyears	
quantile.survfit	3539
ratetable	3541
ratetableDate	3542
ratetables	3542
rats	3543
rats2	3544
reliability	3545
residuals.coxph	3546
residuals.survfit	3547
residuals.survreg	3549
E	3550
retinopathy	
rhDNase	3551
ridge	3552
rotterdam	3553
royston	3555
rttright	3556
solder	3557
stanford2	3558
statefig	3559
strata	3560

Index		3619
	yates_setup	3010
	yates	
	xtfrm.Surv	
	veteran	
	vcov.coxph	3613
	uspop2	
	untangle.specials	
	udca	
	transplant	3609
	tobin	
	tmerge	
	teut	
	survSplit	
	survregDtest	
	survreg.object	
	survreg.distributions	
	survreg.control	3599
	survreg	
	survobrien	
	survival-deprecated	
	survfitcoxph.fit	
	survfit0	
	survfit.object	
	survfit.matrix	
	survfit.formula	
	survfit.coxph	
	survfit	
	survexp.object	
	$ar{\mathbf{r}}$	
	survexp	
	survdiff	
	survcheck	3574
	Surv2data	3573
	Surv2	3572
	Surv-methods	3570
	Surv	3568
	summary.survfit	3566
	summary.survexp	3565
	summary.pyears	3564
	summary.coxph	
	summary.aareg	3561