

**Rcmdr Functions for Setting and Retrieving Information (1)**

<i>Function</i>	<i>Purpose</i>
activeDataSet	Returns or sets the name of the active data set
ActiveDataSet	Returns the name of the active data set
activeModel	Returns or sets the name of the active model
ActiveModel	Returns the name of the active model
Factors	Names of factors in the active data set
getRcmdr	Retrieve an object from the Rcmdr environment
GrabFocus	Returns (or sets) the grab-focus status

**Rcmdr Functions for Setting and Retrieving Information (2)**

<i>Function</i>	<i>Purpose</i>
listDataSets	Lists names of data frames by default in the global environment
listFactors	Lists names of factors in a data set
listGeneralized-LinearModels	Lists names of glm objects by default in the global environment
listLinearModels	Lists names of lm objects by default in the global environment
listNumeric	Lists names of numeric variables in a data set
listTwoLevelFactors	Lists names of two-level factors in a data set
listVariables	Lists names of variables in a data set

**Rcmdr Functions for Setting and Retrieving Information (3)**

<i>Function</i>	<i>Purpose</i>
Numeric	Returns names of numeric variables in the active data set
putRcmdr	Store an object in the Rcmdr environment
twoLevelFactors	Names of two-level factors in the active data set
UpdateModelNumber	Increment (or otherwise change) the model number
Variables	Names of variables in the active data set

**Rcmdr "Predicate" Functions (e.g., for menu activation)**

<i>Function</i>	<i>Purpose</i>
activeDataSetP	TRUE if there is an active data set
activeModelP	TRUE if there is an active model
dataSetsP	TRUE if there are data sets in memory
factorsP	TRUE if there are (sufficient) factors in the active data set
glmP	TRUE if the active model is a glm object
hclustSolutionsP	TRUE if there are hclust objects in memory
lmP	TRUE if the active model is an lm object
modelsP	TRUE if there are statistical models in memory
NumericP	TRUE if there are (sufficient) numeric variables in the active data set
packageLoaded	Check whether a specific package is loaded
twoLevelFactorsP	TRUE if there are (sufficient) two-levels factors in the active data set

<b>Rcmdr Functions for Building Dialogs (* “macro”) (1)</b>	
<i>Function</i>	<i>Purpose</i>
checkboxes *	Constructs a set of check boxes
closeDialog *	Close a dialog box
dialogSuffix *	Housekeeping to complete dialog definition
errorCondition *	Reports an error and (optionally) restarts the dialog
getFrame	Returns the frame of a listbox object
getSelection	Returns the currently selected elements of a listbox object
groupsBox *	Constructs a button and sub-dialog box for selecting a grouping factor
groupsLabel *	Constructs a text field that shows the currently selected groups
initializeDialog *	Initial housekeeping for a Tk dialog box

<b>Rcmdr Functions for Building Dialogs (* “macro”) (2)</b>	
<i>Function</i>	<i>Purpose</i>
modelFormula *	Constructs a dialog component for entering a model formula
OKCancelHelp *	Constructs OK, Cancel, and Help buttons
radioButtons *	Constructs a set of related radio buttons
subOKCancelHelp *	Constructs OK, Cancel, and Help buttons for a sub-dialog
subsetBox *	Constructs a text box for entering a subsetting expression
variableListBox	Constructs an object containing a scrollable list box

<b>Miscellaneous Rcmdr Functions</b>	
<i>Function</i>	<i>Purpose</i>
activateMenus	Enable or disable menu items
checkReplace	Allows user to verify replacement of an object
CommanderWindow	Returns the Tk R Commander window
doItAndPrint	Executes a command, given as a character string, prints command and output
is.valid.name	Checks that a character string is a valid R name
justDoIt	Executes a character string without echoing it to the script window
logger	Echoes a character string to output window without executing it
logWindow	Returns the Tk Script window
Message	Writes a message into the messages window
MessagesWindow	Returns the Tk Messages window
OutputWindow	Returns the Tk Output window

<b>Statistical Functions</b>	
<i>Function</i>	<i>Purpose</i>
assignCluster	Create a cluster-membership variable
bin.var	Bin a numeric variable
colPercent	Column percentage table
Confint	Confidence intervals
KMeans	K-means clustering
partial.cor	Matrix of partial correlations
plotMeans	Plot profiles of means by one or two factors
reliability	Reliability of composite scales
scatter3d	Dynamic 3D scatterplot with regression surfaces
stem.leaf	Stem-and-leaf displays