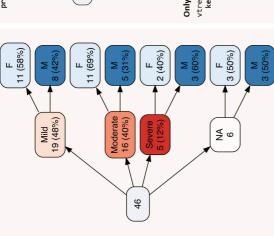
vtree cheatsheet

vtree(FakeData, "Severity Sex") Draw a basic variable tree



Sex Severity

vp=FALSE (
	Use full denominator for %
horiz=FALSE \	Vertical variable tree
sameline=TRUE	Node labels on same line as
splitwidth=50	Split text after 50 chars
getscript=TRUE (Get DOT script
plain=TRUE [Nodes in shades of blue
digits=1	1 decimal place in %
cdigits=2	2 dec. places in summary
showpct=FALSE [Do not show %
showcount=FALSE [Do not show counts

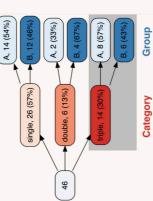
Prune single and double and their descendants

vtree(FakeData,"Category Group",sameline=TRUE,
prune=list(Category=c("single","double")))

Code	۲	*:	* * *	<: <	? : ?	%red.		Targete	ttext=1	
A, 14 (54%)		B, 12 (46%)	(Sacción &	A, 2 (33%)	B 4 (67%)		(A, 8 (57%)		B, 6 (43%)	Group
		single, 26 (57%)		double 6 (13%)			triple, 14 (30%)			Category

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vtree(FakeData,"Category Group",sameline=TRUE,
keep=list(Category=c("single","double")) Only keep single and double and their descendants



Only follow specified nodes Prune smaller nodes Prune below nodes prunesmaller prunebelow follow

Parameter setting	Effect
labelvar=c(Ind1="Indicator1")	Relabel Ind1
labelnode=list(MyVar=c(New="Old",New2="Old2"))	Change node labels
tlabelnode=list(c(Group="A",Sex="F",label="girl")	Change the label of a specific node
varnamepointsize=15	Set font size (points) for variable names
shownodelabels=FALSE	Do not show node labels
showvarnames=FALSE	Do not show variable names
showlegend=TRUE	Show a legend
title="All businesses"	Show a title for the root node

Add text to nodes

vtree(FakeData,"Group Category", sameline=TRUE,
text=list(Category=c(triple="\n*not verified*")))

Effect	Line break	Italics	Bold	Superscript	Subscript	Make text red (or another color)
Code	\n	*:	* * * *	<: <	::	%% pau%%

.ist(Group="A",Severity="Mild",text="hi") text (text in a specific node)

'r vtree(FakeData,"Group Category")`

Effect	Image 3 inches wide	Image 4 inches tall	Image 800 pixels wide	Image 200 pixels high	Use htmlwidgets instead of
Parameter setting	imagewidth="3in"	imageheight="4in"	pxwidth=800	pxheight=2000	pngknit=FALSE

PNG

Prefix	Effect
is.na:	is.na(variable)
stem:	all REDCap variables starting with ste
rc:	flag variable as a REDCap checkbox
tri:	trichotomize in each node of variable
Suffix	Effect
this*	variable names starting with this
this#	variable names starting with this

Effect	x vs. all other values	below x vs. all other values	above x vs. all other values
Dichotomize	variable=x	variable <x< th=""><th>variable>x</th></x<>	variable>x

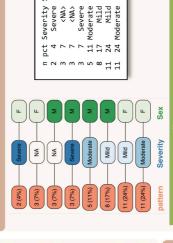
Function	Purpose
VennTable	Format pattern table
crosstabToCases	Convert a crosstab array to cases
grVizToPNG	Generate a PNG file
build.data.frame	Generate a data frame from

	ormat text and codes
ormat "	format
Syntax: summary=" varspec for	varspec variable specification

Variable specification	iication Effect
variable=X	x vs. all other values
variable>x	below x vs. all other values
variable <x< th=""><th>above x vs. all other values</th></x<>	above x vs. all other values
Code	Produces
%mean%	mean
%2D%	standard deviation
%enm%	mns
%min%	minimum
%max%	maximum
%bx%	Xth percentile
%median%	median, i.e. p50
%IQR%	IQR, i.e. p25, p75
%npct%	frequency and percentage
%pct%	just percentage
%list%	comma-separated list of values
%listlines%	individual values on separate lines
%mv%	the number of missing values
%nonmv%	the number of non-missing values
Code	Restricts summary information to:
%noroot%	all nodes except the root
%leafonly%	leaf nodes

nodes of variable v nodes named n

%u=apou% %var=v%



		ern tree	Use Venn settings for indicator variables	ern table	Generate a pattern table for missing values	
Sex	Effect	Generate a pattern tree	Use Venn setting	Generate a pattern table	Generate a patt	
n Severity	Parameter setting	n=TRUE	RUE	=TRUE	check.is.na=TRUE	
pattern	Parame	pattern=TRUE	Venn=TRUE	ptable=TRUE	check.	

VennTable(vtree(FakeData,"Ind1 Ind2",ptable=T),markdown=T) Format a pattern table for markdown