

Protobi JSON Reference

Attribute	Value	Example	Description	Statistics	Default
key	string	"s1"	Unique identifier for element. Required and immutable.	showBasis	[true]
displayKey	string	"S1"	Override key for display.	showMean	[true]
title	string	"Primary specialty"	Additional description text.	showMedian	[false]
color	string	"gold" "#FA0"	CSS color for element.	showMin	[false]
colors	hash	{"1":"red","2":"yellow"}	CSS colors for values. Can be "ascending" or "descending".	showMax	[false]
children	array	["s1a","s1b","s1c"]	List child elements. If not null, element is a group.	showSum	[false]
type	string	"string" "number" "date" "empty"	Whether element values are numbers, string, or not applicable.	showStdDev	[false]
field	string	"s1x"	Specify another data column as data source (default is "key")	showStdErr	[false]
element	key	"s1x"	Specify another element as data source, a	showDistinct	[false]
format	hash	{"1":"PCP","2":"Neuro"}	Format values for display after analysis.		
reformat	hash	{"99":"","7":0}	Recode values prior to analysis.		
dateFormat	string	"dddd MMMM DD, YYYY"	Date format to parse strings as dates, see moment.js syntax		
compactto	value array	1 [1,2]	One or more summary values for top/bottom box percentages.	sum	
roundby	value name	0 10 "auto" "log"	Bin range for numeric values.	mean	
transform	name	"squish" "sum" "mean" (fn)	Specify standard transform function or code a custom function	min	
split	string	","	Split values at delimiter into a multiple response value	max	
weight	number key	"ptwt" 100	Weight frequencies by value of a data column or constant.	median	
scale	number key	"s4" 100	Multiply values by a data column or constant.	stddev	
denominator	number key	"s3" 100	Divide values by a data column or constant.	variance	
ceiling	number key	"s4a" 100	Winsorize to at most value of a data column or constant	squish	
floor	number key	"s4b" 10	Winsorize to at least value of a data column or constant	compact	
display	name	null "checkbox" "compact"	Specify how to display element as expanded, compact or group	day	
hidden	true [false]	true	Hide element from tab	month	
hideChildren	true [false]	true	Hide children (useful for groups with transform specified)	year	
showBody	[true] false	false	Hide distribution (useful to show just summary stats)	dayofweek	
heritable	[true] false	false	Whether changes to heritable properties propagate to children	monthofyear	
showMissing	[true] false	false	Whether to include NA values in distribution percentages		
chartType	name	"SummaryTable" "TopBoxTornado"	Specify alternative chart type (default is "BaselineBarChart")		
chartOptions	hash	{"width":"480px"}	Specify options specific to selected chartType		