Table		Method info	Argument info	Argument Value	Argument Name	Method	
				x variable	'x'	gramm(	g=
				v variable	17/1		g(ind_row,ind_col)=
					•		
Treating and production of the production of t							
The content of the		Use to provide the data to be plott	1D array/cellstr of length N	linestyle grouping variable	'linestyle'		
Column   C							
Figure 2   Part   Par			· · · · · · · · · · · · · · · · · · ·			facet_grid(	g.
Process   Process   Comment of the					lscalo!		g(ind_row,ind_col).
Comment of the control of the cont	nat will determine separation between		·		scate		
Harmonitaria   Vistano, Isaal   Vistano, Isaan   Vistan	second will separate along columns		Same x limits on all subplots, same y limits within rows	'free_y'			
Finance   Fina							
facet_wrop(				· ·	lforce ticks!		
Treat   1			·	·	TOTCC_LTCKS	facet_wrap(	
geom partial for the control of the	nat will determine separation between h a wrapping: a new row of subplots is		After how many columns do we wrap and create a new row	4	'ncols'	•	
geon_pinter(	•	created when ncols is reached	- "				
Second State   Seco	s points (supports color, lightness, mark	Renresent raw data as noints (sur	Do we override defaults and force ticks on all subplots	true/false	'force_ticks'		
Seed_Street    Seed_Street   S	5 points (supports color, lightness, mail	· · · · · · · · · · · · · · · · · · ·				geom_point(	
peom_test er (	s jittered points, useful when lots of			0.5	'width'	geom_jitter(	
geon_starter {	g. with discrete values (supports color,	overlapping points, e.g. with discre	How much are the points jittered in vertical direction (in data	Θ 1	lb-d-l-		
geon, Taret  geon, Taret  geon, bard  **Caret  *	, 		units)	V.1	neight'		
geom_pacter ( "lecon" position of color advanced as a gazants ( "lecon" position and a data and the state of	vith lines (supports color, lightness, mark D arrays, all points within a group will be	size). If x and y are 1D arrays, all				geom_line(	
Start_summary(							
State_countary( 15ypt 15	a as a raster plot	Represents raw x data as a raster	·		'geom'	geom_raster(	
star_summary(   'type   'est'   mean & basis 199. Cit for mean (1.90 * tem)			aster elements are inies		'width'	geom har(	
Section   Sect			mean & basic 95% CI of the mean (1.96 * sem)				
Statt_seconds   Statt   Statt   Statt   Statt   Statt   Statt_seconds   Stat			· · · · · · · · · · · · · · · · · · ·		-,,		
"quartital"   modes and describe modes and describe modes and described in the mode from the free Peacon distribution in modes and described by a major command by a							
**Interprint   **In							
Fit pros scored:   Fit pros sc			·				
"first-resolated"   remain and 49%-Cit of the mean from the bronnial distribution   Propresents surrouncland distribution   remain connected by a line, Cit as shid of strapperent area means connected by a line, Cit as philips and a secondary of the propriet of the means connected by a line, Cit as philips and a secondary of the propriet of the means connected by a line, Cit as philips and a secondary of the propriet of the means connected by a line, Cit as philips and a secondary of the propriet of the			mean and 95% CI of the mean from fitted normal distribution				
"geon"   "area"   means commended by a line. Cl as shill think means on more and part of the part of							
reconstructed by a line, Cl as this lines provided at accounting to the accounting to the accounting to the accounting to the class of the accounting to the state of the class of the accounting to the account to the accounting to the accounting to the accounting to the a	zed Y data per unique values of X. By II Y values that have the same X value,				l geom!		
**Line**   means connected by a line, Cl as solid shaded area (uses for vector exports in pre 2014 o versions). If X and Y are provided as doscele exposits in pre 2014 o versions). If X and Y are provided as doscele exposits in pre 2014 o versions. If X and Y are provided as most of the pre in th	y variables of interest ('type' argument),	compute the summary variables of			geom		
Stat_smooth			means connected by a line	'line'			
black.errorbar' bar' dadget' true/false    'dadget' true/false   'setylial true/false   Do we deeploy here on when using multiple colors (useful for har and errobar general)	possible to compute the Y summaries or	discrete enough, it is possible to d		'solid_area'			
'dodge' true/false	· ·	_ •		'black_errorbar'			
'dodge' true/false errobar geoms)  'setyl im' true/false book earth e Yi im for the subpiot according to the summary or book elde?  'interp' 'linear' approached to interpolate the output (corresponds to the methods approached to interpolate the output (corresponds to number of interpolate the input over x (corresponds to number of x points)  'bin_in' 18 Provide to inimplic outer x values (corresponds to number of bins and x values (corresponds to number of bins and x values and x values (corresponds to number of bins and x values and x values (corresponds to number of bins and x values and x valu	natrix or a cell of arrays but every eleme lues, the argument 'interp_in' can be use	has non-aligned X values, the arg	means as colored bars				
'setyl in' true/fatse Do we set the YLIm for the subplot according to the summary or the class?  'interp' 'timear' Provide to interpolate the output (corresponds to the methods argument of interp).  'interp_in' 1000 Provide to interpolate the input over x (corresponds to member of x points)  'bin_in' 100 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 100 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 100 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 100 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 100 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 100 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 100 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 100 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 100 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 1000 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 1000 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 1000 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 1000 Provide to interpolate the input over x (corresponds to number of x points)  'bin_in' 1000 Provide to interpolate the input over x closed to interpolate the input over x closed to interpolate the input over x (corresponds to number of x points)  'bin_in' 1000 Provide to interpolate the input over x closed to interpolate the input over x closed to y a line  'correct and interpolate the provide x axis (corresponds to number of x points)  'correct and interpolate the x points and x poi	lues by interpolation over X.	to create aligned X values by inter		true/false	'dodge'		
'interp'   'linear'   Product to Interpolate the output (corresponds to the methods argument of Interp1)				+ruo/folco	lootulimi		
rinterp_in' la88				true/ratse	Setytim		
Provide to bin inputs over x values (corresponds to number of bins)			· · · · · · · · · · · · · · · · · · ·	'linear'	'interp'		
bin_in'   18				100	'interp in'		
dodge'   0.1   When using multiple colors, use to dodge grahical elements between colors with the same x value (recommended for bar, enrothar and black_enrothar geoms).   Samosting parameter (low values smooth less)   Represents fast spline smooth   Same argument as fittglm()   Same argument as fittglm(					•		
'dodge'   0.1   between colors with the same x value (recommended for 'bar', 'errorbar' and black_errorbar' and black_errorbar and sale signing and signal stat_summary()    'disp_fit' true/false			· · · · · · · · · · · · · · · · · · ·	10	'bin_in'		
Stat_smooth(   'lambda'   1888   Smoothing parameter (low values smooth less)   Represents fast spline smooth ( 'lambda'   1888   Smoothing parameter (low values smooth less)   Represents fast spline smooth less ('geon'   Same geom as in gramm stat_summary()   This is not proper to use value smooth less ('distribution' 'normal'   Same argument as flight()   Same geom as in gramm stat_summary()   Same geom as in gramm stat_summary()   Fils and displays generally of the value used for the fit   StartPoint'   St				Α 1	l dodge!		
stat_glm(  'distribution' 'normal' Same geom as in gramm stat_summary()  'geom' Same geom as in gramm stat_summary()  'geom' Same geom as in gramm stat_summary()  'fullrange' true/false Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit' true/false Do we display the fitted equations (with pvals stars)  stat_fit(  'fun' @(paraml,param2,x)x.^paraml+param2  'StartPoint' [paraml_start param2_start] Array with starting values of parameters to fit as first arguments and x as last argument  'intopt' 'observation' 95% bounds on a new observation (see option of predint())  'functional' 95% bounds for the fitted function Fits and displays a provid  'fullrange' true/false Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit' true/false Do we display the fitted equations  same geom as in gramm stat_summary()  stat_bin(  'nbins' 38  Number of bins  'edges' -20 : 0.5 : 20  Edges out bins (overrides 'nbins')  Results as dodged bars  'tine' Results as dodged bars				0.1	douge		
Stat_glm( 'distribution' normal'   Same argument as fliglm()     Same argument as fliglm()     Same argument as flight()     Same argument argument as flight()	e smoothed Y data with confidence inter		,			stat_smooth(	
'geom' Same geom as in gramm stat_summary()  'geom' Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit' true/false Do we display the fitted equations (with pvals stars)  stat_fit( 'fun' @(param1,param2,x)x.^param1+param2 Anonymous function with parameters to fit as first arguments and x as last argument  'StartPoint' [param1_start param2_start] Array with starting values of parameters  'intopt' 'observation' 95% bounds on a new observation (see option of predint())  'functional' 95% bounds for the fitted function Fits and displays a provid  'fullrange' true/false Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit' true/false Do we display the fit dequations  'geom' Same geom as in gramm stat_summary()  stat_bin( 'nbins' 30 Number of bins Edges of bins (overrides 'nbins')  'geom' 'bar' Results as dodged bars  'line' Results connected by a line	ise when X/Y are matrices or cells of ari	This is not proper to use when X/Y				c+c+ ~1/	
'geom' Same geom as in gramm stat_summary()  'fullrange' true/false  'disp_fit' true/false  Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit' true/false  Do we display the fitted equations (with pvals stars)  stat_fit(  'fun' @(paraml,param2,x)x.^paraml+param2  Anonymous function with parameters to fit as first arguments and x as last argument  'StartPoint' [paraml_start param2_start]  Array with starting values of parameters  'intopt' 'observation'  'functional'  'fullrange'  'fullrange'  true/false  Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit'  true/false  Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit'  true/false  Do we display the fit dequations  Same geom as in gramm stat_summary()  Same geom as in gramm stat_summary()  Number of bins  'edges' -20: 0.5: 20  Edges ovf bins (overrides 'nbins')  'geom' 'bar'  Results as dodged bars  Fits and displays generaling the value used for the fit  Parameters to fit as first arguments and x as last arguments and x as last argument and x as last argument and x as last arguments.  Fits and displays a provide fit as first arguments and x as last argument and x as last arguments.  Fits and displays a provide fit as first arguments and x as last arguments.  Fits and displays a provide fit as first arguments and x as last arguments.  Fits and displays a provide fit as first arguments and x as last argument and x as last argument.  Fits and displays a provide fit as first arguments and x as last argument and x as last argument.  Fits and displays a provide fit as first arguments and x as last argument and x as last argument.  Fits and displays a provide fit as first arguments and x as last argument.  Fits and displays a provide fit as first arguments and x as last argument.  Fits and displays a provide fit as first argument and x as last argument.  Fits and displays a provide fit as first argu			oumo argamoni as mymi()		นารถามนถาดที่	stat_gim(	
'fullrange' true/false  'disp_fit' true/false  Do we display the fit over the whole x axis, or just on the range of the value used for the fit  true/false  Do we display the fitted equations (with pvals stars)  Anonymous function with parameters to fit as first arguments and x as last argument  'startPoint' [paraml_start param2_start]  'intopt' 'observation'  'functional'  'functional'  'fullrange'  true/false  Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit'  true/false  Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit'  true/false  Do we display the fit dequations  Same geom as in gramm stat_summary()  Number of bins  'edges'  'geom'  'bar'  Results as dodged bars  Results connected by a line	eralized linear models to the data	Fits and displays generalized linea	Same geom as in gramm stat_summary()		'geom'		
'disp_fit'   true/false   Do we display the fitted equations (with pvals stars)	Adized inical models to the uala.	. no ana dispiays yeneralized III188		true/false	'fullrange'		
stat_fit(  'fun' @(param1,param2,x)x.^param1+param2  Xnonymous function with parameters to fit as first arguments and x as last argument  'StartPoint' [param1_start param2_start]				true/false	'disp fit'		
**x as last argument  'StartPoint' [param1_start param2_start] Array with starting values of parameters  'intopt' 'observation' 95% bounds on a new observation (see option of predint())  'functional' 95% bounds for the fitted function Fits and displays a provid  'fullrange' true/false Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit' true/false Do we display the fitted equations  'geom' Same geom as in gramm stat_summary()  **stat_bin(**							
'intopt' 'observation' 'functional' 'fullrange' true/false 'disp_fit' 'geom' 'stat_bin( 'nbins' 'edges' 'geom' 'bar' geom' 'bar' 'geom' 'line' 'observation' 95% bounds on a new observation (see option of predint()) 95% bounds for the fitted function Fits and displays a provid Do we display the fit over the whole x axis, or just on the range of the value used for the fit  Do we display the fitted equations Same geom as in gramm stat_summary()  Number of bins  Edges ovf bins (overrides 'nbins') Results as dodged bars Results connected by a line				@(param1,param2,x)x.^param1+param2	'fun'	stat_fit(	
'functional' 'fullrange' true/false Do we display the fit over the whole x axis, or just on the range of the value used for the fit  'disp_fit' true/false Do we display the fitted equations 'geom' Same geom as in gramm stat_summary()  **Stat_bin(**  'nbins' 'edges' -20: 0.5: 20 Edges ovf bins (overrides 'nbins') 'geom' 'bar' Results as dodged bars 'line' Results connected by a line  Fits and displays a provide special content of the fitted function  Fits and displays a provide special content of the fitted function  Fits and displays a provide special content of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over the whole x axis, or just on the range of the value used for the fit over t			Array with starting values of parameters	<pre>[param1_start param2_start]</pre>	'StartPoint'		
'fullrange' true/false  'disp_fit' true/false  'geom'  Same geom as in gramm stat_summary()  Stat_bin(  'nbins' 'edges' -20 : 0.5 : 20  'geom' 'bar' Results as dodged bars  Results connected by a line				'observation'	'intopt'		
rtultrange true/false of the value used for the fit  'disp_fit' true/false Do we display the fitted equations  'geom' Same geom as in gramm stat_summary()  stat_bin( 'nbins' 30 Number of bins  'edges' -20: 0.5: 20 Edges ovf bins (overrides 'nbins')  'geom' 'bar' Results as dodged bars  'line' Results connected by a line	ovided custom function to the data	Fits and displays a provided custo		'functional'			
'disp_fit' true/false  'geom' Same geom as in gramm stat_summary()  stat_bin(  'nbins' 30  'edges' -20: 0.5: 20  'geom' 'bar' Results as dodged bars  'line' Results connected by a line				true/false	'fullrange'		
'geom' Same geom as in gramm stat_summary()  stat_bin( 'nbins' 30 Number of bins 'edges' -20 : 0.5 : 20 Edges ovf bins (overrides 'nbins') 'geom' 'bar' Results as dodged bars 'line' Results connected by a line				true/false	'disp fit'		
stat_bin( 'nbins' 30							
'edges' -20 : 0.5 : 20  'geom' 'bar'  'line'  Edges ovf bins (overrides 'nbins')  Results as dodged bars  Results connected by a line					_	stat hin/	
'line' Results connected by a line						5 5 3 2 2 m (	
			· · · · · · · · · · · · · · · · · · ·		'geom'		
over tatu_bar inequits as overlaid bars (use transparency)							
'stacked_bars'  Results as stacked bars							
'stairs' Results as stair line							
'point' Results as points			Results as points				
'normalization' 'count'  Some on 'Normalization' or biotecurate()			Como oo Marmalizatiani suurus 1911 1911		'normalization'		
Same as 'Normalization' argument of histcounts()  'fill' 'face'			Same as 'Normalization' argument of histcounts()		f:11		
'TILL' 'Tace'  'edge'					11111		
'all'				_			
'transparent'							
'bar_spacing' 0.2 Provide to specify spacing between bars  Same argument as kedensity()				0.2			
stat_density( 'bandwidth' Same argument as ksdensity()  'function' 'pdf'			Same argument as ksuensity()	'pdf'		stat_density(	
Same argument as ksdensity()			Same argument as ksdensity()		2.7.00		

	Method	Argument Name	Argument Value	Argument info	Method info
		'kernel'	'normal'		
				Same argument as ksdensity()	
		'npoints'	100	How many points are used to plot the density	
		'extra_x'	10	Extend the x value range over which the density is evaluated	
	stat_bin2d(		[n_xbins n_ybins]	,	
	3 ca c_3 1112 a (		<pre>{x_edges_array, y_edges_array}</pre>		
			'image'		
		geom			
			'contour'	Fit allians that courts in 2000/ of the unitate (accounting bis suits	
	stat_ellipse(	'type'	'95percentile'	Fit ellipse that contains 95% of the points (assuming bivariate normal)	
			'ci'	Fit ellipse that contains 95% of the bootstrapped xy means	
		'geom'	'area'		
			'line'		
		patch_opts			
	stat_qq(	'distribution'	<pre>makedist('Normal',0,1)</pre>	Provide a theoretical distribution to plot x against using Matlab's	Quantile-quantile plot
	0 0 0 - 99 (	41361115461611		makedist() function. Set to 'y' to plot x against y densities.	Quartino quartino prot
	stat_boxplot(	'spacing'	0.1	Spacing between boxes on different unique x values	Day and whicker plate of whate for each unique where
		'dodge'	0.2	Dodging between boxes of different colors within unique x values	Box and whisker plots of y data for each unique x value
	geom_abline(	'intercept'	0	Single value or 1D array of size P	
	8-3(	'slope'		Single value or 1D array of size P	
		'style'		Single string or 1D cellstr of size P	
	goom vling/			Single value or 1D array of size P	
	geom_vline(	'xintercept'		Single string or 1D cellstr of size P	
		'style'			
	geom_hline(	'yintercept'		Single value or 1D array of size P	
		'style'		Single string or 1D cellstr of size P	
	<pre>geom_funline(</pre>	'fun'	@(x)exp(sin(x-pi))	Anonymous function or cell of anonymous functions	
		'style'	'k'	Single string or 1D cellstr of size P	
	set_names(	1 X 1	'x axis legend'	Legend for the x axes	
		'y'	'y axis legend'	Legend for the y axes	
		!row!	'row legend'	Title of the row legends (actual titles will be a combination of title	
		TOW	Tow tegend	and value)	
		'column'	'column legend'	Title of the column legends (actual titles will be a combination of	
			Co camin Cogoria	title and value)	
		'color'	'color legend'	Title of the color legend (actual legend will use the values)	
				All other titles for the gramm() arguments	
	set_polar(		true/false	Do we connect the first and last points ?	
	Sec_potar (	Ctoseu		·	
		'maxy'	10	Impose the max of the radial scale (default corresponds to the max of y values)	
	oot colon anti-us (	llightness remail	[OE 1E]	,	
	set_color_options(				
		'chroma_range'			
		'hue_range'			
		'lightness'			
		'chroma'			
S	et_continuous_color(	'colormap'			
		'LCH_colormap'	[L_start L_end; C_start C_end ; H_start		
	axe_property(	'axe_property'	axe_property_value	Pass one or multiple name, value pairs for Axes Properties	
	_1 1 3 3 7			(XLim,XGrid, DataAspectRatio)	
	no_legend(				
	set_limit_extra(		0.1	How much do we extend limits of x axis (ratio wrt original limits)	
			0.1	How much do we extend limits of y axis (ratio wrt original limits)	
				, , , , ,	
	set_datetick(	'x'		Same arguments as datetick(): tickaxis,dateformat	
		'y'	2		
g •	draw( redraw(		0.05	Redraw with custom spacing	