

STAT	Statistics MENU - cat : STAT	Statistics functions	Category: Statistics
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3	gShifted						
2	fShifted		$X\%ILE$	$X\%MAD$	$X\%IQR$		$X\%RANGE$
1	primary	$X\%MIN$	$X\%Q1$	$X\%MEDN$	$X\%Q3$	$X\%MAX$	$X\%SUM$
Page	2	F1	F2	F3	F4	F5	F6

Ref page	Formulas
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STAT	Page 2	F-key	Button label	Full name	Extended description	Type	Flag name	Additional information	Catalog	Default	Status
		F1	$X\%MIN$	Minima	Minima	Function		TI : $X\%MIN$; $Y\%MIN$ = (2 stack levels)	$X\%MIN$		
		F2	$X\%Q1$	Lower quantile	Lower quantile for both X and Y [https://en.wikipedia.org/wiki/Quantile#Method_1]	Function		TI : $Q1_x$; $Q1_y$ = (2 stack levels)	$X\%Q1$		
		F3	$X\%MEDN$	Median	Sort the data and return the middle value for both X and Y ; for an even number of samples, the arithmetic mean of the two middle values is returned	Function		TI : md_x ; md_y = (2 stack levels)	$X\%MEDN$		
		F4	$X\%Q3$	Upper quantile	Upper quantile for both X and Y [https://en.wikipedia.org/wiki/Quantile#Method_1]	Function		TI : $Q3_x$; $Q3_y$ = (2 stack levels)	$X\%Q3$		
		F5	$X\%MAX$	Maxima	Maxima	Function		TI : $X\%MAX$; $Y\%MAX$ = (2 stack levels)	$X\%MAX$		
		F6	$X\%SUM$	$X\%SUM$	Return Σx and Σy in X and Y respectively	Function		TI : Σ_x ; Σ_y = (2 stack levels)	$X\%SUM$		

fShifted F1	<empty>										
fShifted F2	$X\%ILE$	Percentile	Percentile			Function		TI : $pctile_x$; $pctile_y$ = (2 stack levels)	$X\%ILE$		
fShifted F3	$X\%MAD$	Median absolute deviation	Median absolute deviation for both X and Y ; this is the median of the differences between each data point and the overall median			Function		TI : mad_x ; mad_y = (2 stack levels)	$X\%MAD$		
fShifted F4	$X\%IQR$	Interquartile range	Interquartile range for both X and Y ; this is equal to $Q3 - Q1$			Function		TI : iqr_x ; iqr_y = (2 stack levels)	$X\%IQR$		
fShifted F5	<empty>										
fShifted F6	$X\%RANGE$	Stats range	Range for both X and Y ; this is equal to $MAX - MIN$ of the statistics matrix (STATS)			Function		TI : rg_x ; rg_y = (2 stack levels)	$X\%RANGE$		

gShifted F1	<empty>										
gShifted F2	<empty>										
gShifted F3	<empty>										
gShifted F4	<empty>										
gShifted F5	<empty>										
gShifted F6	<empty>										