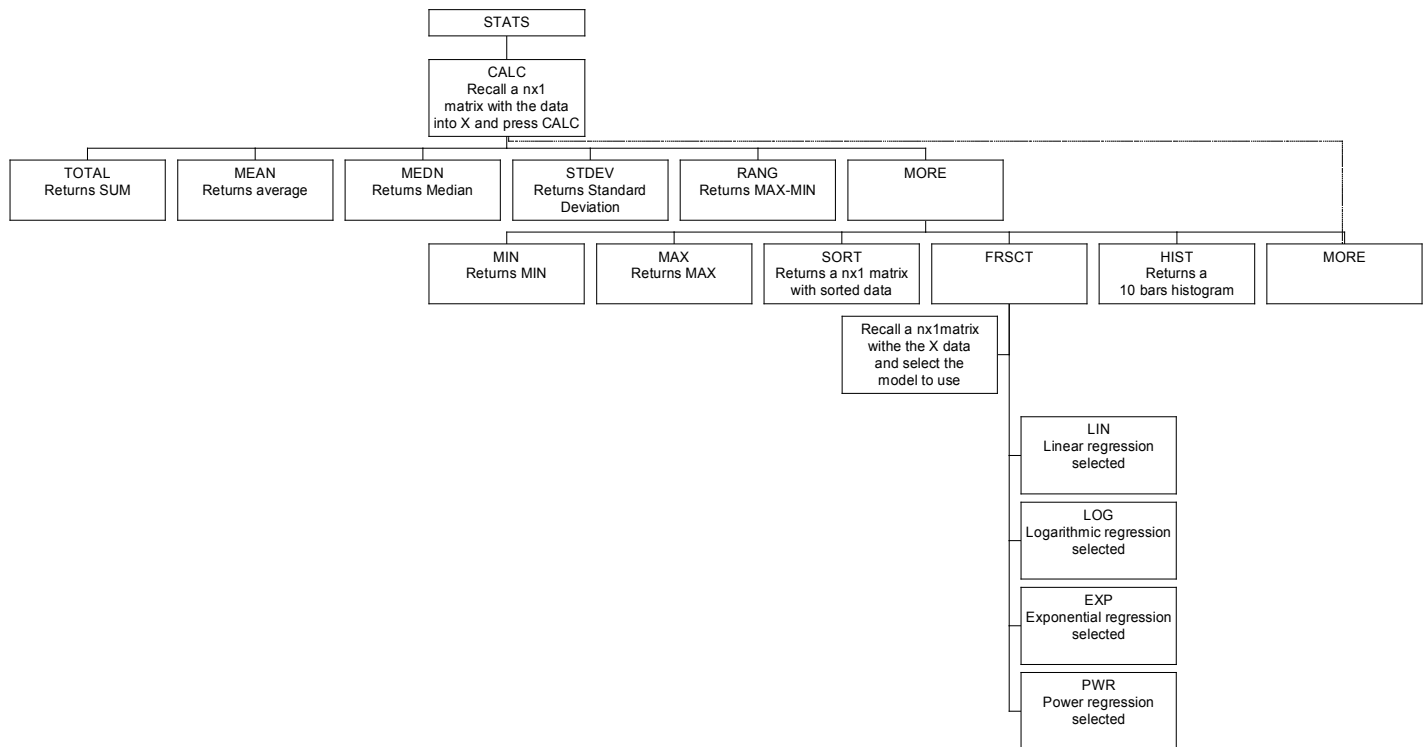


STATS DOCUMENTATION

Statistics Package:



The regression model is as follow:

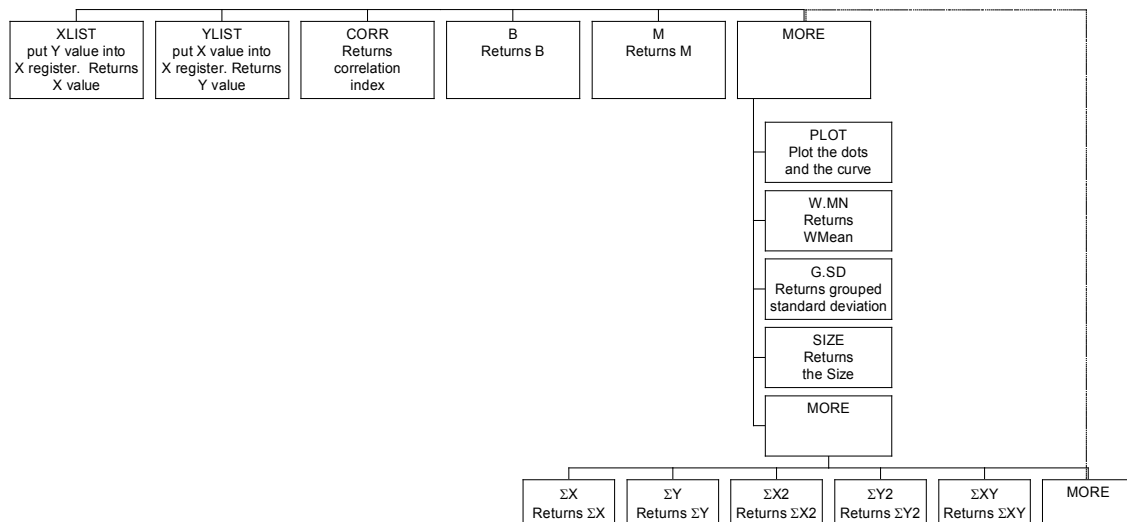
Linear: $Y=MX + B$

Logarithmic: $Y=M\log X + B$

Exponential: $Y=Be^{MX}$

Power: $Y=BX^M$

Once you have selected the regression model, the menu is as follow:



To use as a simple function:

<p>SORT With an nx1 matrix in the X register Returns a sorted matrix</p>

Functions for the SOLVER:

Statistics distributions:

FNORMAL: calculates X or Y according to the normal function

TSTUD: calculates X or Y with a given K parameter according to the T-Student function

CHI2: calculates X or Y with a given K parameter according to the CHI-2 function

Area under the curve:

INORMAL: You can assign values for 2 variables and find the 3rd. ACC is the accuracy you want; LLIM is the lower limit, ULIM is the upper limit and INOR is the area under the curve for the normal distribution.

ITSTUD: You can assign values for 3 variables and find the 4th. ACC is the accuracy you want; LLIM is the lower limit, ULIM is the upper limit, K is the degree and ITSTUD is the area under the curve for the T-Student distribution.

ICHI2: You can assign values for 3 variables and find the 4th. ACC is the accuracy you want; LLIM is the lower limit, ULIM is the upper limit, K is the degree and ICHI2 is the area under the curve for the CHI-2 distribution.