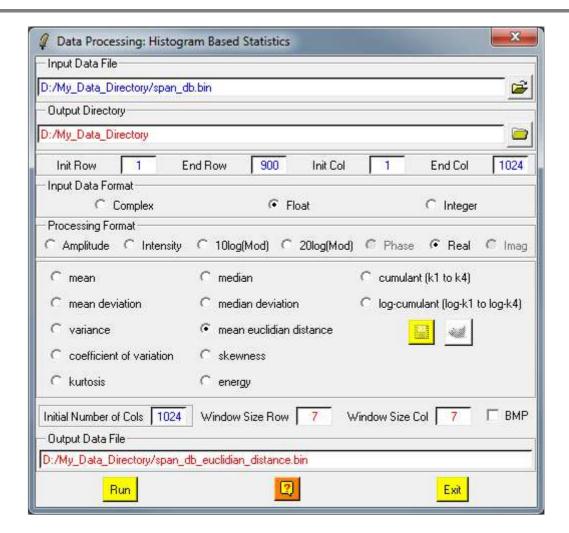# Histogram Based Statistics

Description:

Creates binary files corresponding to different statistical parameters constructed from polarimetric raw binary data.

An option may be set to simultaneously create the corresponding bitmap image files

Comments:

can be modified directly by the user from the keyboard.

Input/Output Arguments:

Input data file   Indicates the complete location of the considered polarimetric data file to be analysed.

Output Directory   Indicates the location of the processed data output directory.
The default value is set automatically to :
Main Directory (MD).

Output Image Number of Rows/Columns:

The output image numbers of rows and columns are initialised to the input data set dimensions.
Users wishing to process a sub-part of the initial image can modify the **Init** and **End** values of the converted images rows and columns.
Note: init and end values have to remain within the range defined by the input image dimensions.

Processing Parameters:

Window size   Users have to set the size of the (N*N) sliding window used to compute the local estimate of the average matrix.
The default value of N is set to **7**.