Statistics Function Summary-Vector/Array

Function	Description
max	Maximum value
mean	Average or mean value
median	Median value
min	Smallest value
mode	Most frequent value
std	Standard deviation
var	Variance, which measures the spread or dispersion of the values

Statistics Function Summary-Matrix

Function	Description
max2	Maximum value
mean2	Average or mean value
median2	Median value
min2	Smallest value
mode2	Most frequent value
std2	Standard deviation
var2	Variance, which measures the spread or dispersion of the values

GLCM

graycomatrix

Create gray-level co-occurrence matrix from image

```
I = imread('circuit.tif');
imshow(I)
[glcm,SI] = graycomatrix(I,'NumLevels',9,'GrayLimits',[])
stats = graycoprops(glcm)
stats = struct with fields:
      Contrast: 2.8947
   Correlation: 0.0783
        Energy: 0.1191
   Homogeneity: 0.5658
```

Histogram Features:

```
I=imread('tire.tif');
I2=imhist(I);
```

Compute statistical measure for image Histograms

Function	Description
max	Maximum value
mean	Average or mean value
median	Median value
min	Smallest value
mode	Most frequent value
std	Standard deviation
var	Variance, which measures the spread or dispersion of the values