change_detector_mult.exe

```
Parameters:
 (string)   -if1  input file 1
 (string)   -if2  input file 1
 (string)   -of   output file
 (string)   -det  detector (mrd, gkld, ckld)
 (int)      -nwr  Nwin Row
 (int)      -nwc  Nwin Col
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

data_analysis_mult.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -iodf input-output data format
 (string)   -if   input file
 (string)   -idf  input data format (cmplx, float, int)
 (string)   -odf  output data format (real, imag, mod, mod2, pha)
 (int)      -nwr  Nwin Row
 (int)      -nwc  Nwin Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (int)      -fl1  Flag Mean (0/1)
 (int)      -fl2  Flag STD (0/1)
 (int)      -fl3  Flag CV (0/1)

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (noarg)    -help displays this message
```

data_averaging_mult.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -od   output directory
```

```
 (string)   -iodf input-output data format
 (int)      -nwr  Nwin Row
 (int)      -nwc  Nwin Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:

```
 (string)   -mask mask file (valid pixels)
 (noarg)    -help displays this message
```

---

mult_wishart_h_a_alpha_classifier.exe

Parameters:

Parameters:

```
 (string)   -id   input directory
 (string)   -od   output directory
 (string)   -iodf input-output data format
 (int)      -nwr  Nwin Row
 (int)      -nwc  Nwin Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (int)      -bmp  BMP flag (0/1)
 (string)   -co8  input colormap8 file (valid if BMP flag = 1)
 (string)   -co16 input colormap16 file (valid if BMP flag = 1)
 (string)   -tmp8 TMP 8 clusters file
 (string)   -tmp16     TMP 16 clusters file
```

Optional Parameters:

```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2    input : quad-pol S2      output parameters derived from C3 or T3
 C3    input : covariance C3    output parameters derived from covariance
C3
 C4    input : covariance C4    output parameters derived from covariance
C4
 T3    input : coherency T3     output parameters derived from coherency
T3
 T4    input : coherency T4     output parameters derived from coherency
T4
```

---

mult_wishart_h_a_alpha_classifierSPPC2.exe

Parameters:

Parameters:
```
 (string)  -id   input directory
 (string)  -od   output directory
 (string)  -iodf input-output data format
 (int)     -nwr  Nwin Row
 (int)     -nwc  Nwin Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -bmp  BMP flag (0/1)
 (string)  -co8  input colormap8 file (valid if BMP flag = 1)
 (string)  -co16 input colormap16 file (valid if BMP flag = 1)
 (string)  -tmp8 TMP 8 clusters file
 (string)  -tmp16     TMP 16 clusters file
```

Optional Parameters:
```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 SPP   input : dual-pol SPP     output parameters derived from C3
 C2    input : covariance C2    output parameters derived from covariance
C2
```

---

wishart_h_a_alpha_classifierSPPC2_mult.exe

Parameters:

Parameters:
```
 (string)  -id   input directory
 (string)  -od   output directory
 (string)  -iodf input-output data format
 (int)     -nwr  Nwin Row
 (int)     -nwc  Nwin Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (string)  -hf   input entropy file
 (string)  -af   input anisotropy file
 (string)  -alf  input alpha file
 (int)     -nit  maximum interation number
 (float)   -pct  maximum of pixel switching classes
 (int)     -bmp  BMP flag (0/1)
```

```
 (string)   -co8  input colormap8 file (valid if BMP flag = 1)
 (string)   -co16 input colormap16 file (valid if BMP flag = 1)
 (string)   -tmp8 TMP 8 clusters file
 (string)   -tmp16     TMP 16 clusters file

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter


 Usage:

Polarimetric Input-Output Data Format

 SPP   input : dual-pol SPP     output parameters derived from C3
 C2    input : covariance C2    output parameters derived from covariance
C2
```

---

wishart_h_a_alpha_classifier_mult.exe

Parameters:

```
Parameters:
 (string)   -id   input directory
 (string)   -od   output directory
 (string)   -iodf input-output data format
 (int)      -nwr  Nwin Row
 (int)      -nwc  Nwin Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (string)   -hf   input entropy file
 (string)   -af   input anisotropy file
 (string)   -alf  input alpha file
 (int)      -nit  maximum interation number
 (float)    -pct  maximum of pixel switching classes
 (int)      -bmp  BMP flag (0/1)
 (string)   -co8  input colormap8 file (valid if BMP flag = 1)
 (string)   -co16 input colormap16 file (valid if BMP flag = 1)
 (string)   -tmp8 TMP 8 clusters file
 (string)   -tmp16     TMP 16 clusters file

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter


 Usage:
```

Polarimetric Input-Output Data Format

```
 S2    input : quad-pol S2      output parameters derived from C3 or T3
 C3    input : covariance C3    output parameters derived from covariance
C3
 C4    input : covariance C4    output parameters derived from covariance
C4
 T3    input : coherency T3     output parameters derived from coherency
T3
 T4    input : coherency T4     output parameters derived from coherency
T4
```