

## New Cam Calib Output

Calibration results after optimization (with uncertainties):

```
Focal Length:      fc = [ 2935.98519   2865.46075 ] ± [ 138.01464   131.14488 ]
Principal point:    cc = [ 2072.91322   1591.44911 ] ± [ 0.00000   0.00000 ]
Skew:              alpha_c = [ 0.00000 ] ± [ 0.00000 ] => angle of pixel axes = 90.00000 ± 0.00000 degrees
Distortion:        kc = [ -0.58034   0.65474   0.01480   0.00052   0.00000 ] ± [ 0.18383   0.35040   0.00670   0.02282   0.00000 ]
Pixel error:       err = [ 7.82344   13.34519 ]
```

Note: The numerical errors are approximately three times the standard deviations (for reference).

Pixel error: err = [7.82344 13.34519] (all active images)

## Old Cam Calib Output

Calibration results after optimization (with uncertainties):

```
Focal Length:      fc = [ 1713.22736   1721.16188 ] ± [ 124.10284   128.05975 ]
Principal point:    cc = [ 2072.91322   1591.44911 ] ± [ 0.00000   0.00000 ]
Skew:              alpha_c = [ 0.00000 ] ± [ 0.00000 ] => angle of pixel axes = 90.00000 ± 0.00000 degrees
Distortion:        kc = [ -0.37234   0.50047  -0.00098   0.00303   0.00000 ] ± [ 0.31608   1.12207   0.02450   0.01457   0.00000 ]
Pixel error:       err = [ 3.58500   15.81810 ]
```

Note: The numerical errors are approximately three times the standard deviations (for reference).

Recommendation: Some distortion coefficients are found equal to zero (within their uncertainties).  
To reject them from the optimization set `est_dist=[1;0;0;0;0]` and run Calibration

Pixel error: err = [3.58500 15.81810] (all active images)