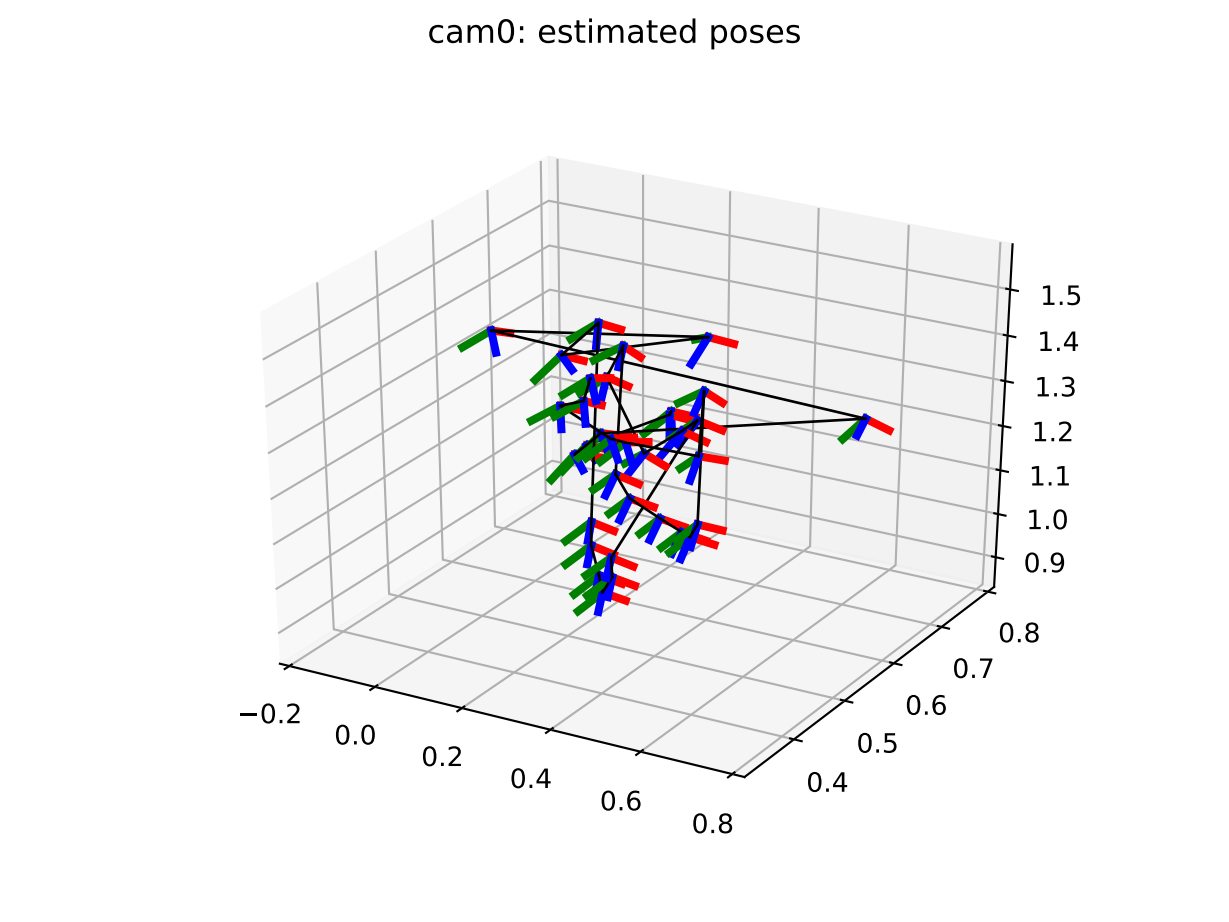
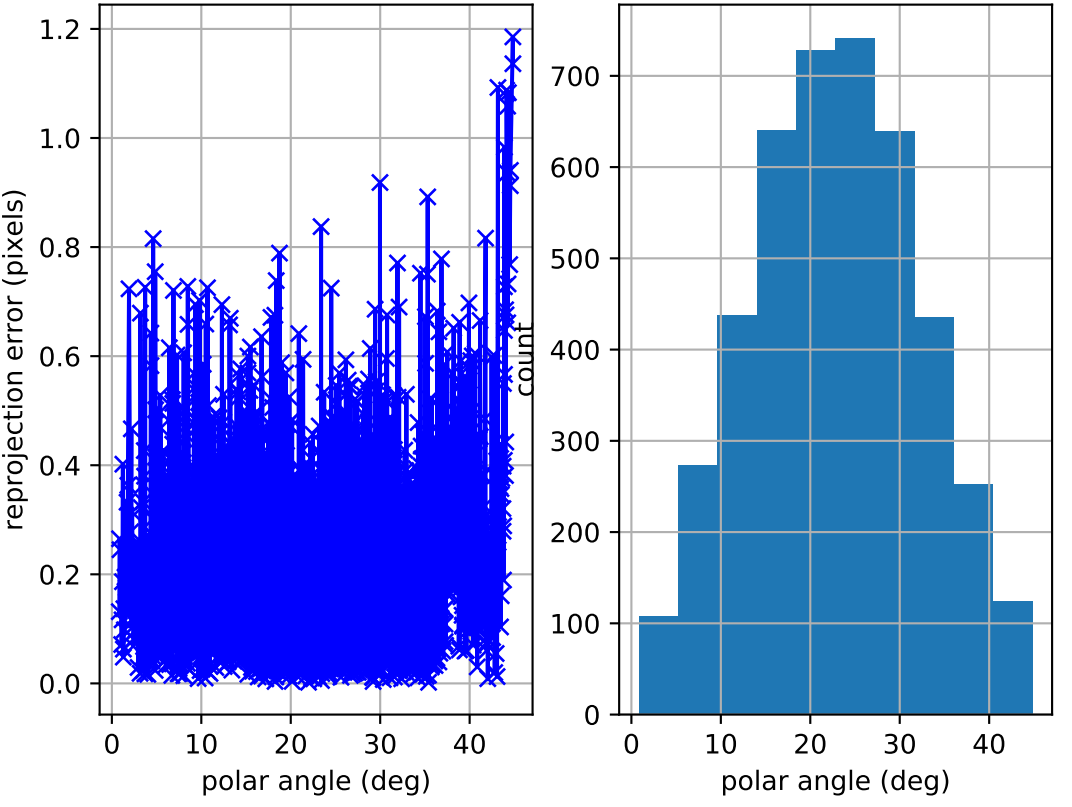
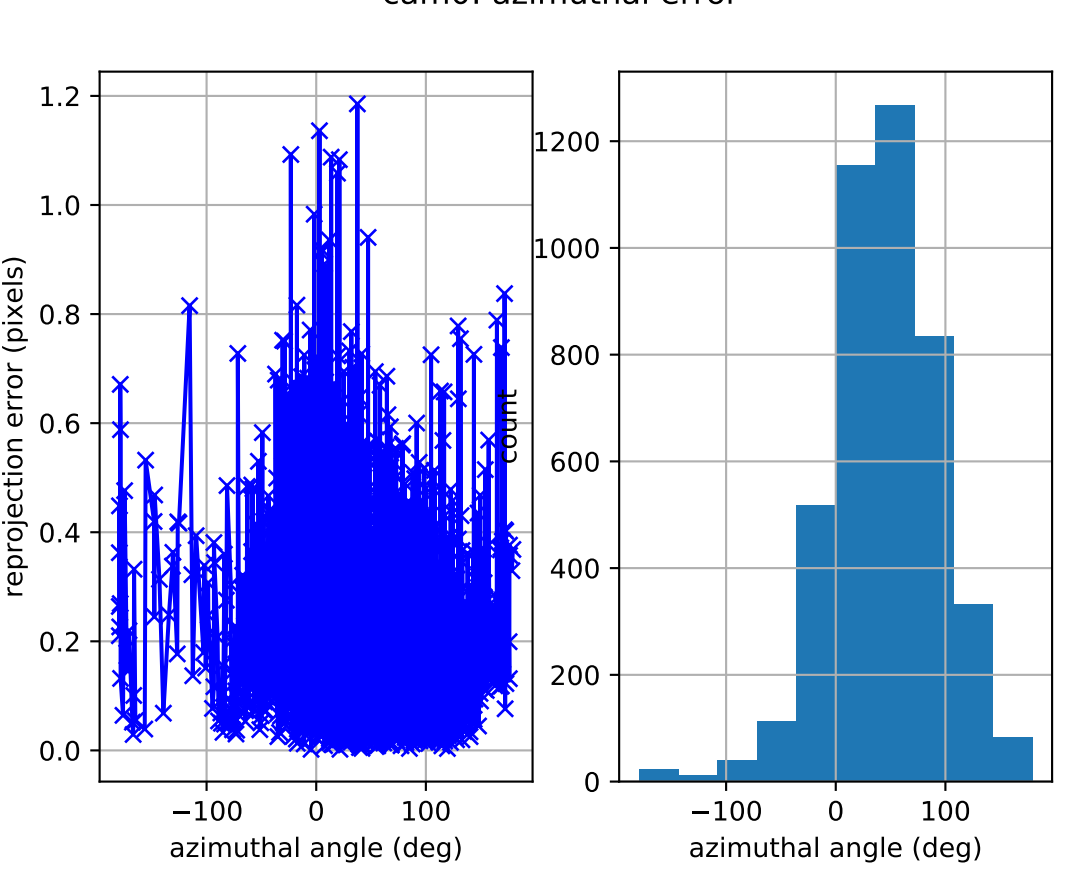
Calibration results
====================
Camera-system parameters:
cam0 (/camera/front_right/image_raw):
type: <class 'aslam_cv.libaslam_cv_python.DistortedPinholeCameraGeometry'>
distortion: [-0.34663206 0.10816546 -0.0013793   0.00119987] +- [0.00378446 0.00283572 0.0005215 0.00071697]
projection: [401.296304   401.19029354 321.56571482 244.98294609] +- [2.86063073 2.91498917 1.77326135 1.66633279]
reprojection error: [0.000000, -0.000000] +- [0.171513, 0.159495]

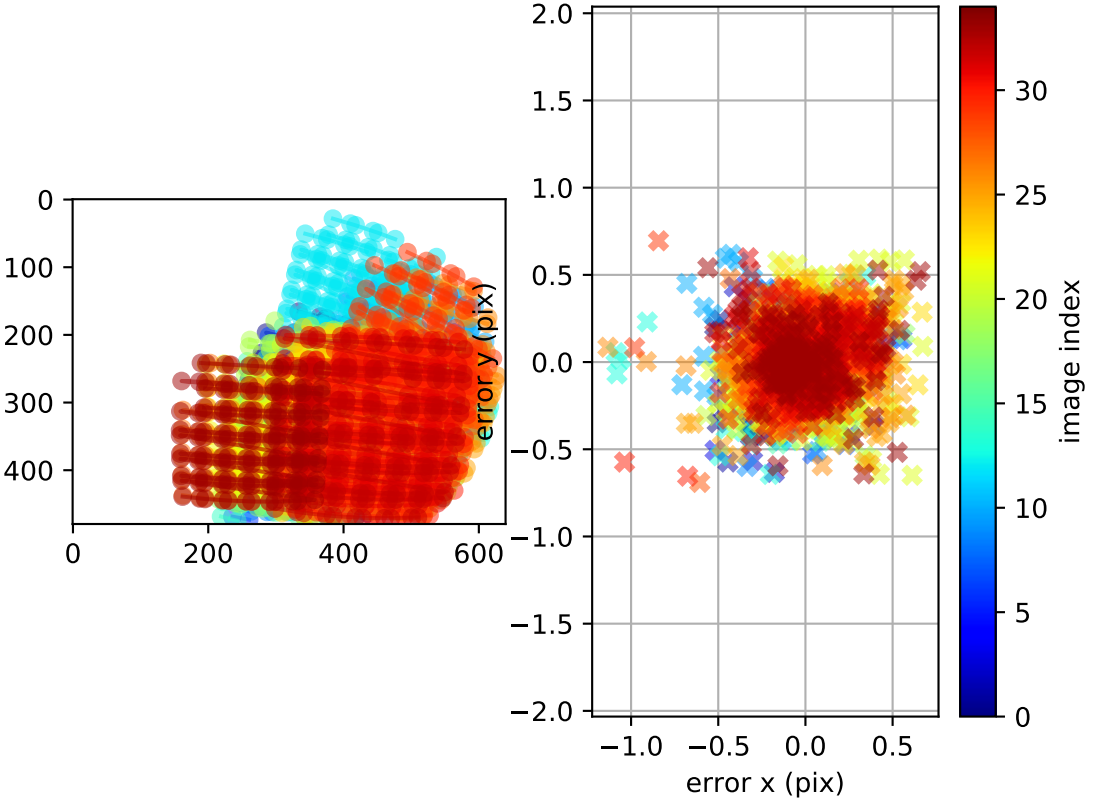
Target configuration
====================

Type: aprilgrid
Tags:
Rows: 6
Cols: 6
Size: 0.088 [m]
Spacing 0.026399999999999996 [m]


cam0: estimated poses
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
−0.2
0.0
0.2
0.4
0.6
0.8


cam0: polar error
reprojection error (pixels)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
polar angle (deg)
count
700
600
500
400
300
200
100
0
0
10
20
30
40
polar angle (deg)


cam0: azimuthal error
reprojection error (pixels)
azimuthal angle (deg)
count
azimuthal angle (deg)


cam0: reprojection errors
0
100
200
300
400
0
200
400
600
error y (pix)
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5
error x (pix)
30
25
20
15
10
5
0
image index

Location of removed outlier corners
cam0
0
100
200
300
400
0
100
200
300
400
500
600