Calibration results
====================
Camera-system parameters:
cam0 (/cam0/image_raw):
type: <class 'aslam_cv.libaslam_cv_python.ExtendedUnifiedCameraGeometry'>
distortion: [] +- []
projection: [0.56991104   1.19954928 287.51602037 288.05388728 315.4493902
199.14979993] +- [0.00521851 0.01580974 0.59657746 0.58724728 0.45295607 0.38649231]
reprojection error: [-0.000004, 0.000001] +- [0.097854, 0.091710]

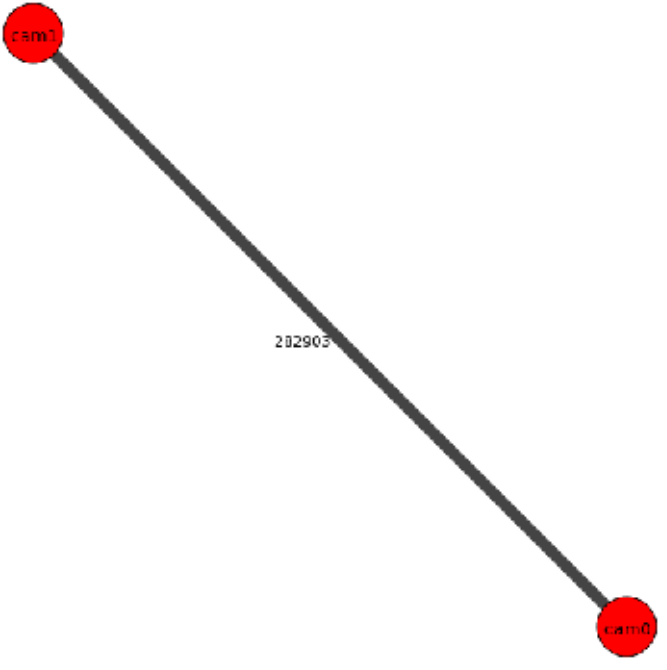
cam1 (/cam1/image_raw):
type: <class 'aslam_cv.libaslam_cv_python.ExtendedUnifiedCameraGeometry'>
distortion: [] +- []
projection: [0.56907741   1.19774165 287.40536847 288.11728812 314.96334634
198.27917578] +- [0.00506641 0.01541821 0.43604816 0.41061096 0.46759589 0.37026012]
reprojection error: [0.000003, -0.000001] +- [0.099618, 0.095945]

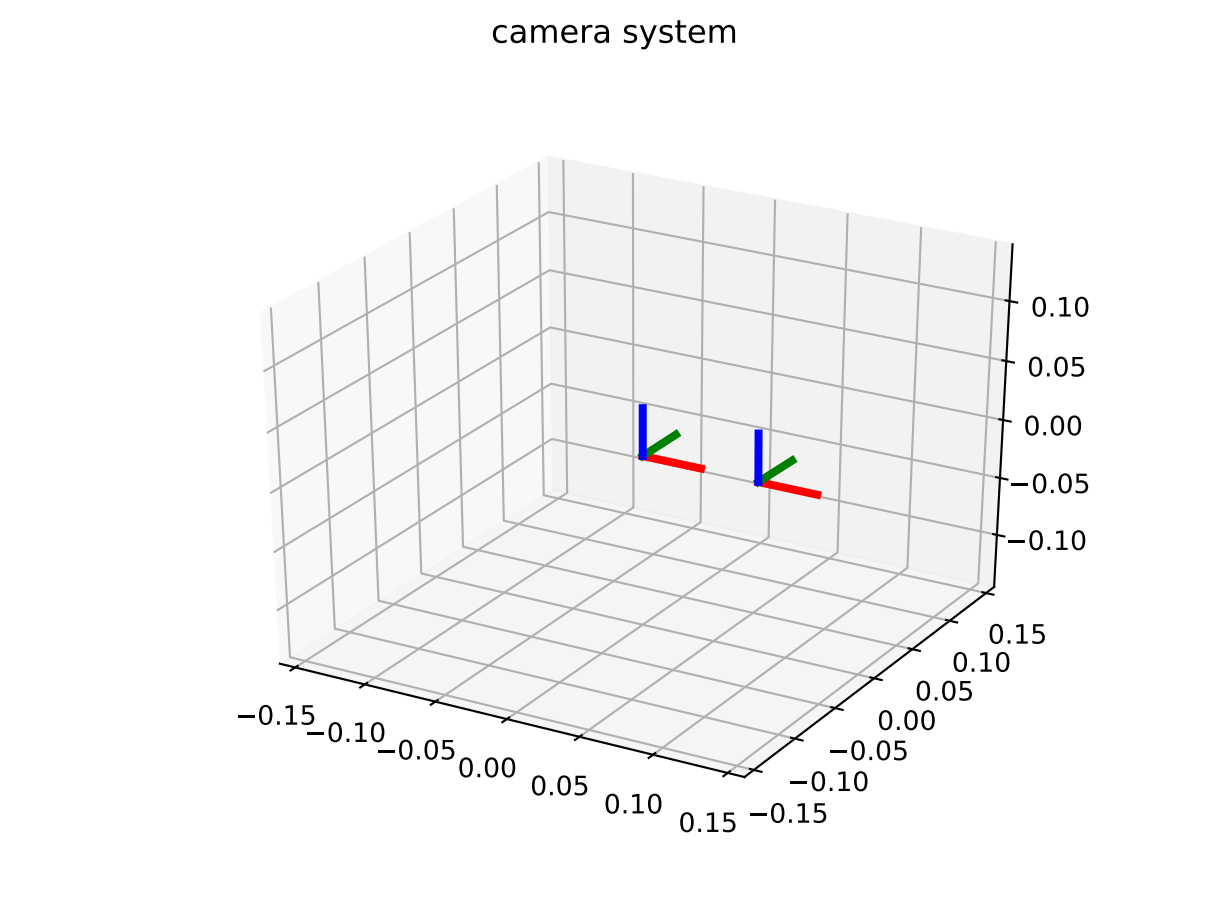
baseline T_1_0:
q: [-0.00195772 -0.00651711 -0.01178532 0.9999074] +- [0.0006911   0.00150691 0.0001677]
t: [-0.08035718 -0.00009334 0.00088265] +- [0.00023439 0.00022637 0.00059139]

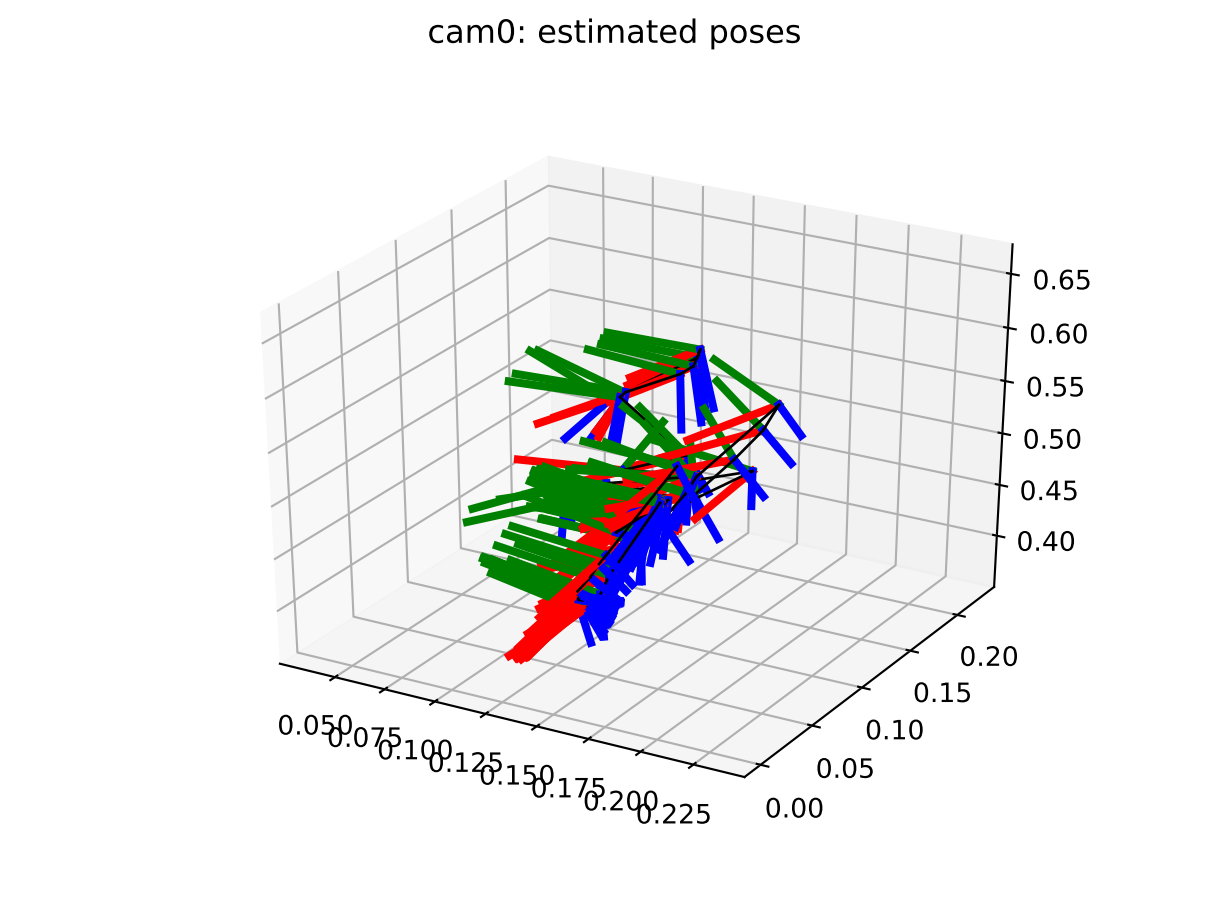
Target configuration
====================

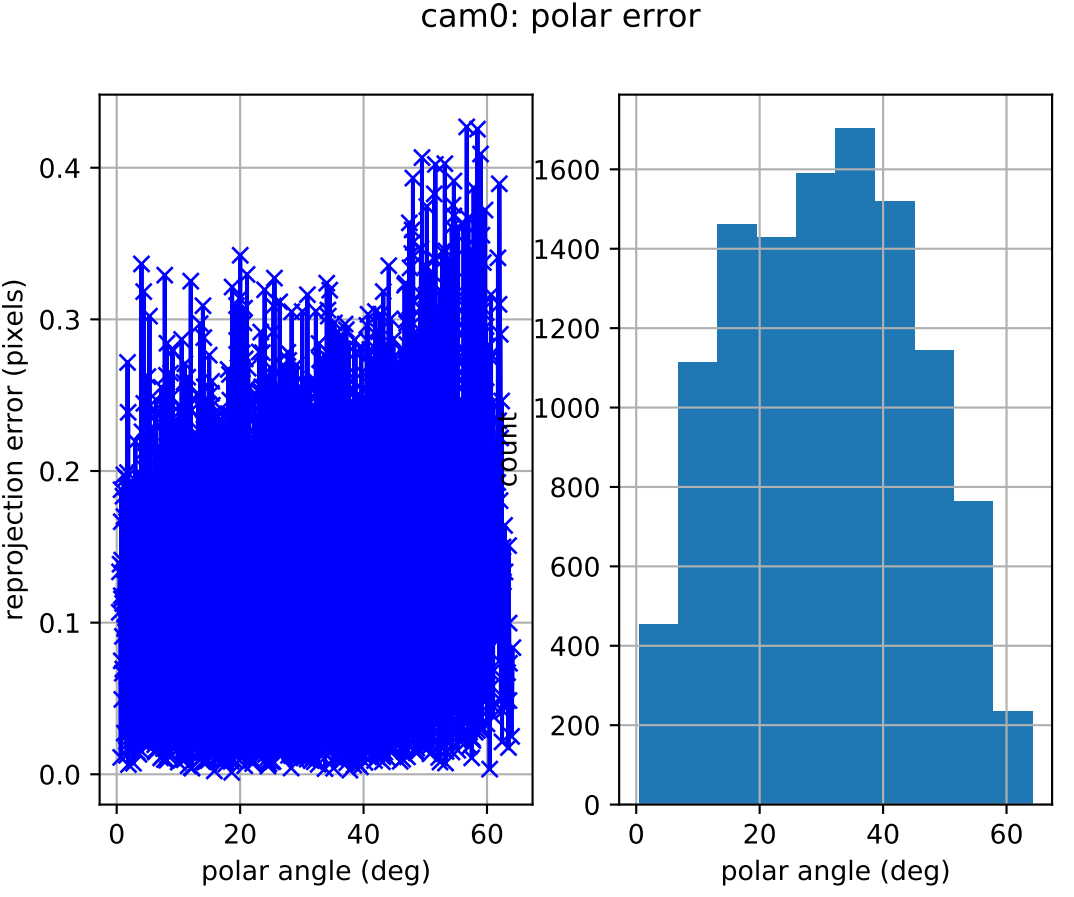
Type: aprilgrid
Tags:
Rows: 6
Cols: 6
Size: 0.0312 [m]
Spacing 0.00959999976 [m]

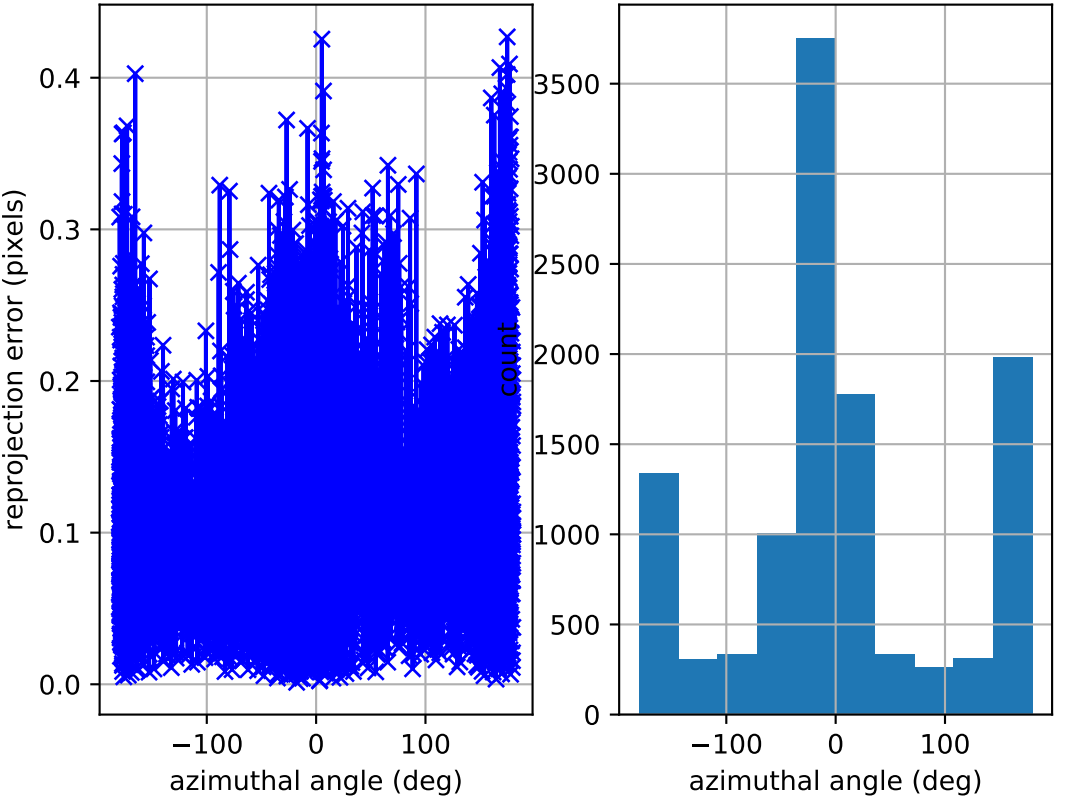
Inter-camera observations graph (edge weight=#mutual obs.)

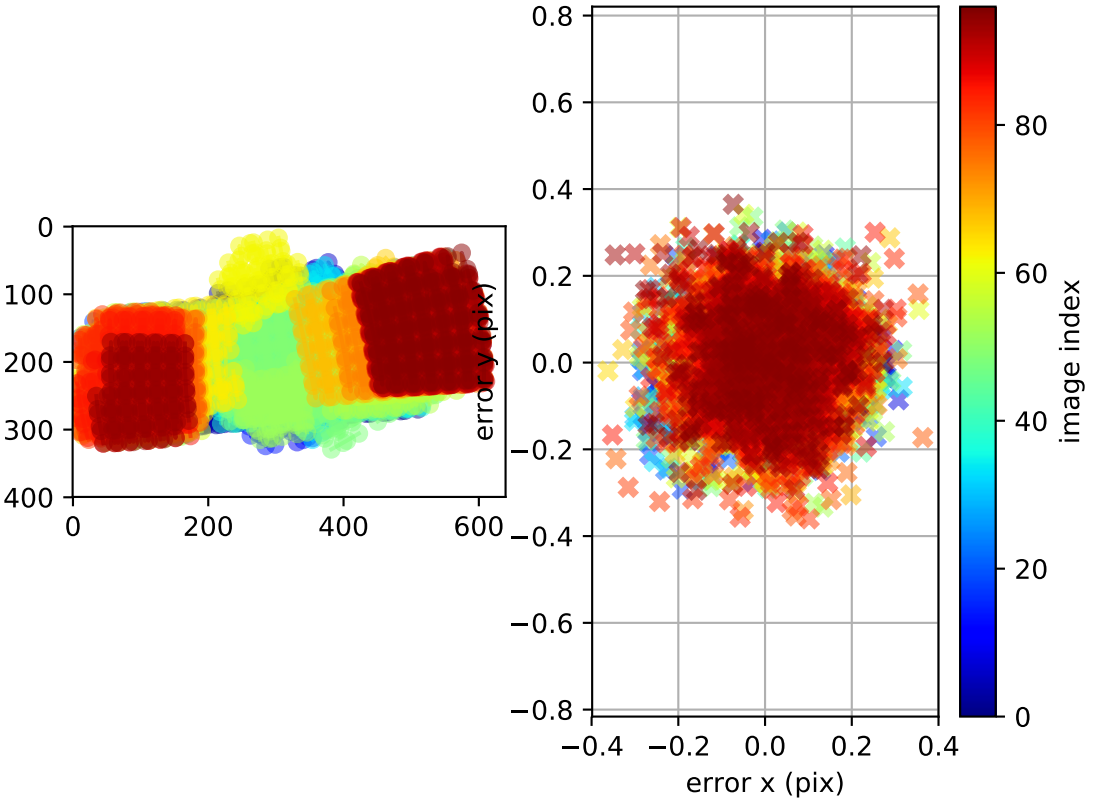


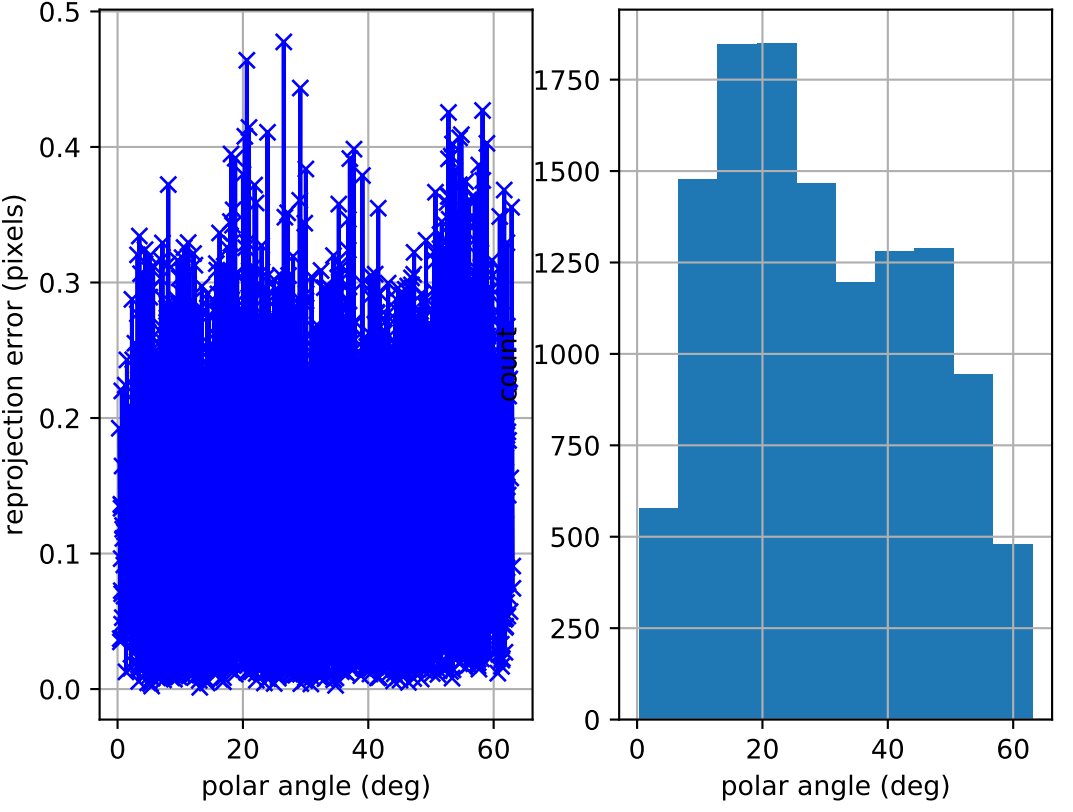

camera system
0.10
0.05
0.00
−0.05
−0.10
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

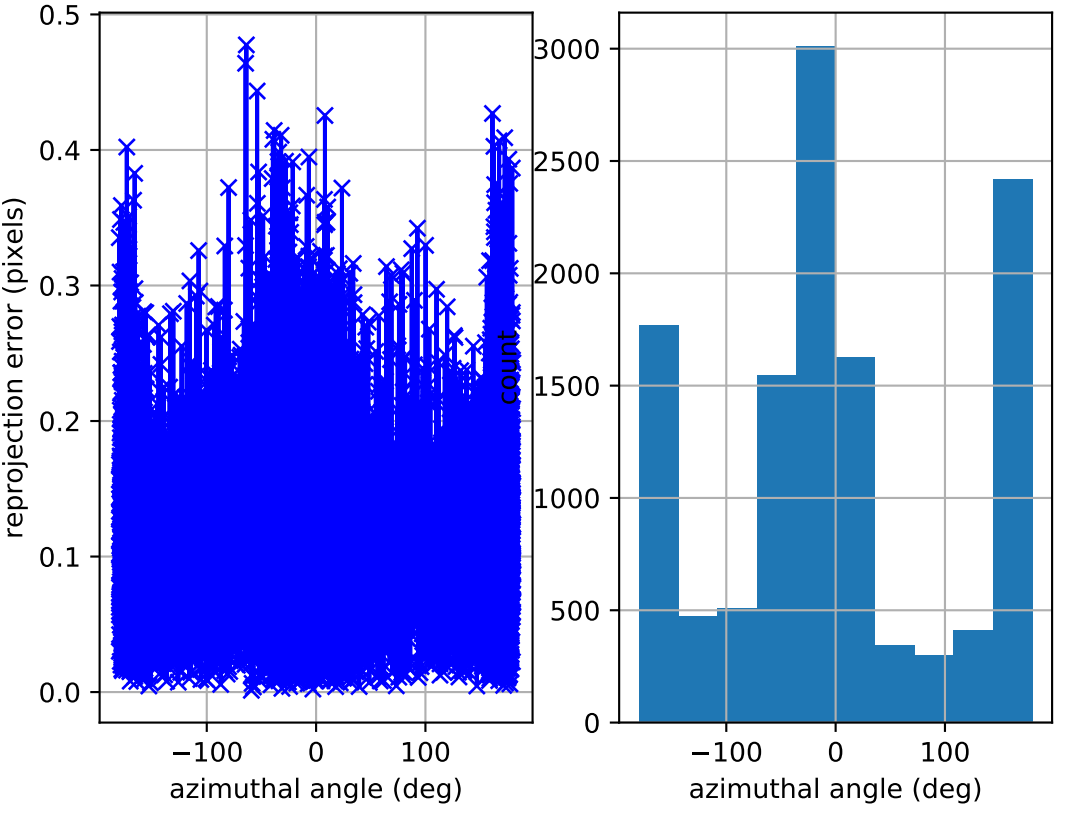

cam0: estimated poses
0.65
0.60
0.55
0.50
0.45
0.40
0.20
0.15
0.10
0.05
0.00
0.050
0.075
0.100
0.125
0.150
0.175
0.200
0.225

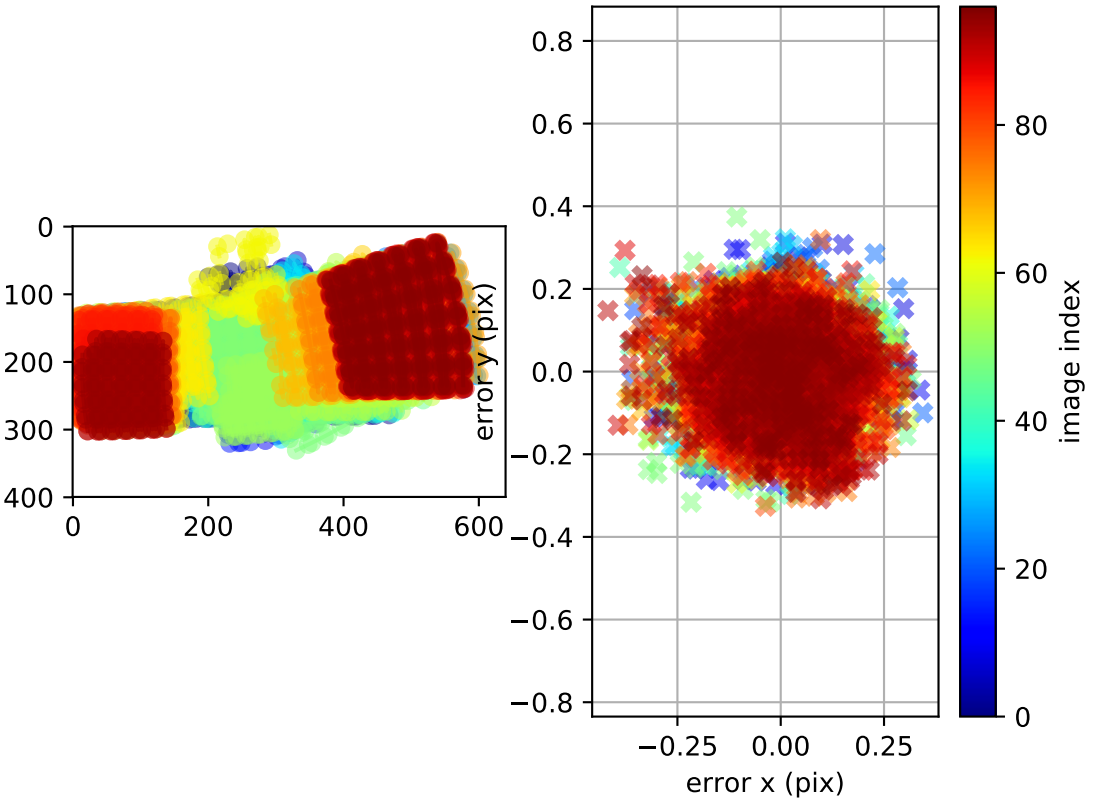

cam0: polar error
reprojection error (pixels)
0.0
0.1
0.2
0.3
0.4
0
20
40
60
polar angle (deg)
count
0
200
400
600
800
1000
1200
1400
1600
0
20
40
60
polar angle (deg)

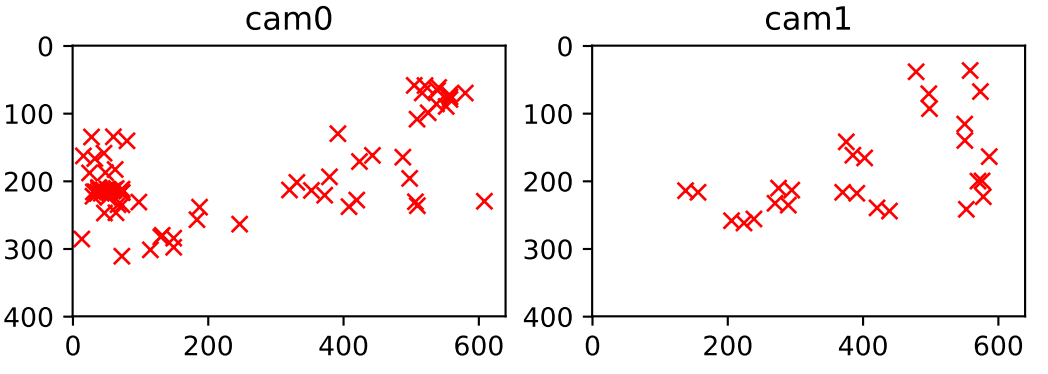

cam0: azimuthal error
reprojection error (pixels)
0.0
0.1
0.2
0.3
0.4
−100
0
100
azimuthal angle (deg)
count
0
500
1000
1500
2000
2500
3000
3500
−100
0
100
azimuthal angle (deg)


cam0: reprojection errors
0
100
200
300
400
0
200
400
600
error y (pix)
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−0.4
−0.2
0.0
0.2
0.4
error x (pix)
80
60
40
20
0
image index


cam1: polar error
reprojection error (pixels)
0.5
0.4
0.3
0.2
0.1
0.0
0
20
40
60
polar angle (deg)
count
1750
1500
1250
1000
750
500
250
0
0
20
40
60
polar angle (deg)


cam1: azimuthal error
reprojection error (pixels)
0.5
0.4
0.3
0.2
0.1
0.0
−100
0
100
azimuthal angle (deg)
count
3000
2500
2000
1500
1000
500
0
−100
0
100
azimuthal angle (deg)


cam1: reprojection errors
0
100
200
300
400
0
200
400
600
error y (pix)
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−0.25
0.00
0.25
error x (pix)
80
60
40
20
0
image index


Location of removed outlier corners
cam0
cam1
0
100
200
300
400
0
200
400
600