Calibration results
====================
Camera-system parameters:
cam0 (/cam0/image_raw):
type: <class 'aslam_cv.libaslam_cv_python.EquidistantDistortedPinholeCameraGeometry'>
distortion: [0.01101829 -0.03111263 0.03866392 -0.01324643] +- [0.00375802 0.00964233 0.00978173 0.00339089]
projection: [282.86994389 283.34214135 314.58786769 199.07847817] +- [0.17740527 0.17924798 0.16698633
0.27295107]
reprojection error: [-0.000000, 0.000000] +- [0.117472, 0.109296]

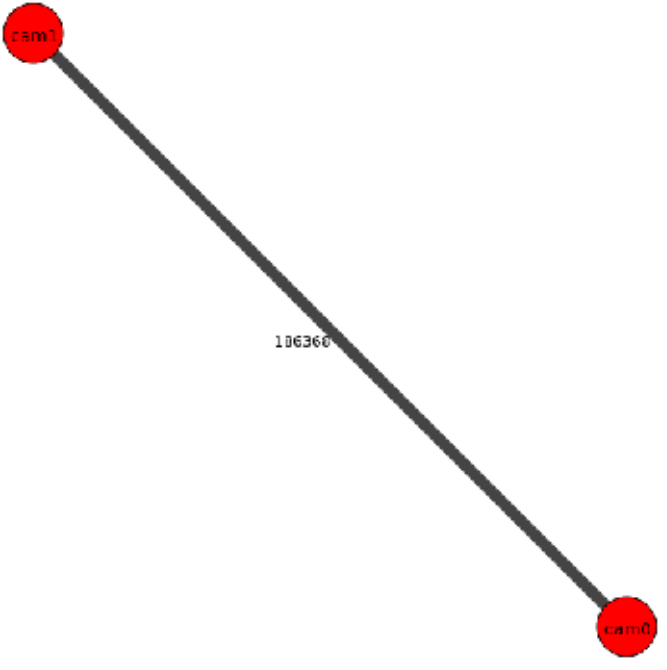
cam1 (/cam1/image_raw):
type: <class 'aslam_cv.libaslam_cv_python.EquidistantDistortedPinholeCameraGeometry'>
distortion: [0.00631772 -0.02159249 0.03159443 -0.01161107] +- [0.00393065 0.01061113 0.01103203 0.00389789]
projection: [283.8785355   284.41236915 316.04641006 200.21113821] +- [0.17631171 0.18012021 0.15635278
0.27896854]
reprojection error: [-0.000001, -0.000001] +- [0.110842, 0.108349]

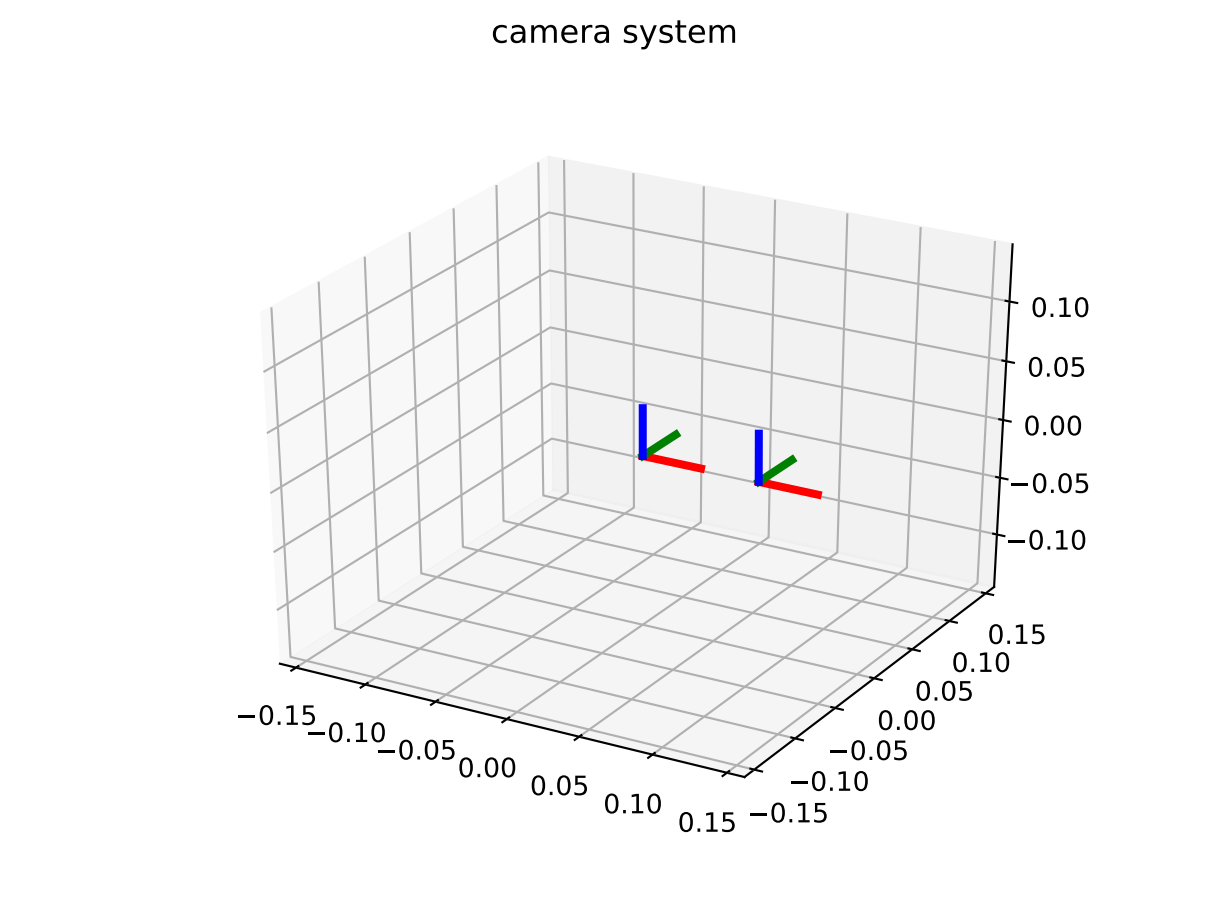
baseline T_1_0:
q: [0.00277386 -0.00431138 -0.00779615 0.99995647] +- [0.00051747 0.00101182 0.00014164]
t: [-0.08064306 0.00017037 0.00058837] +- [0.00012211 0.00012615 0.00040634]

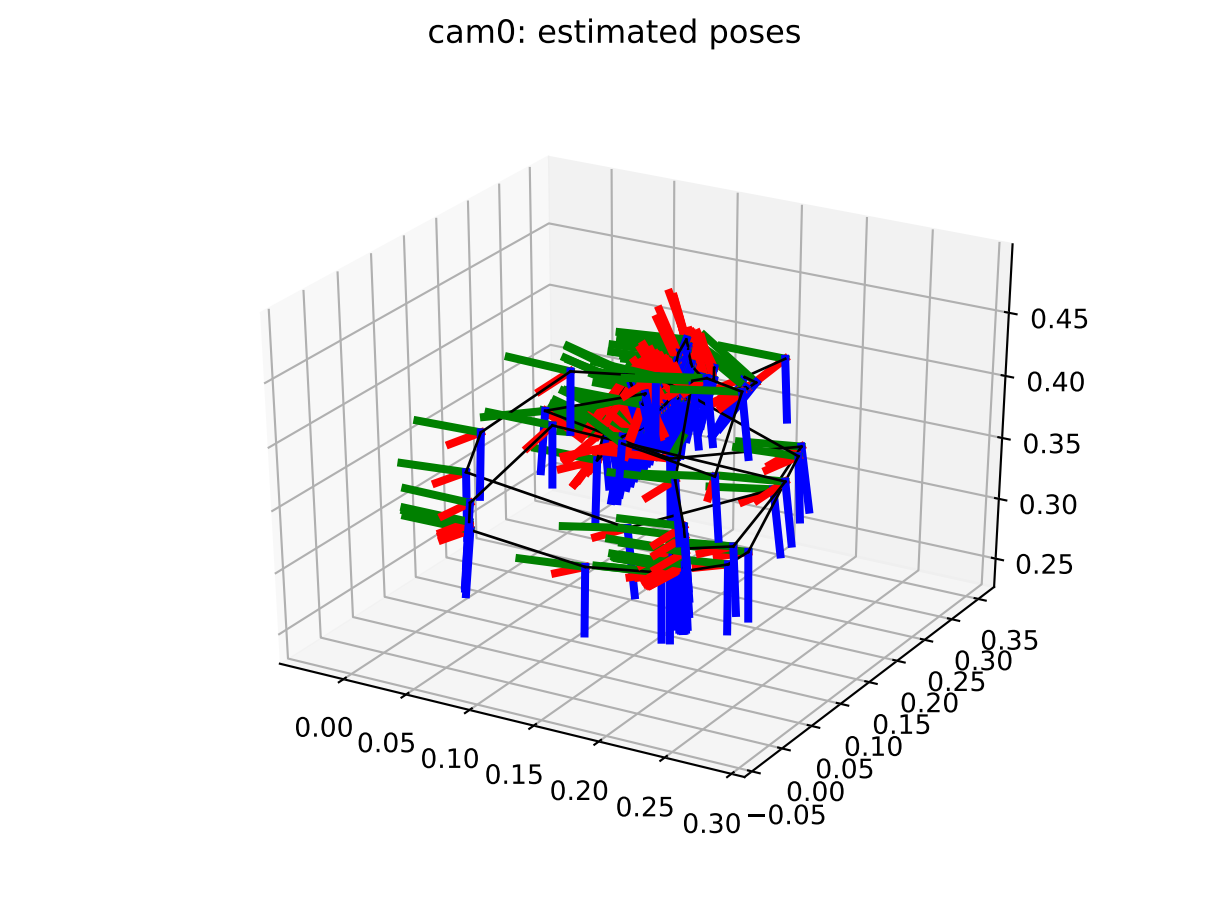
Target configuration
====================

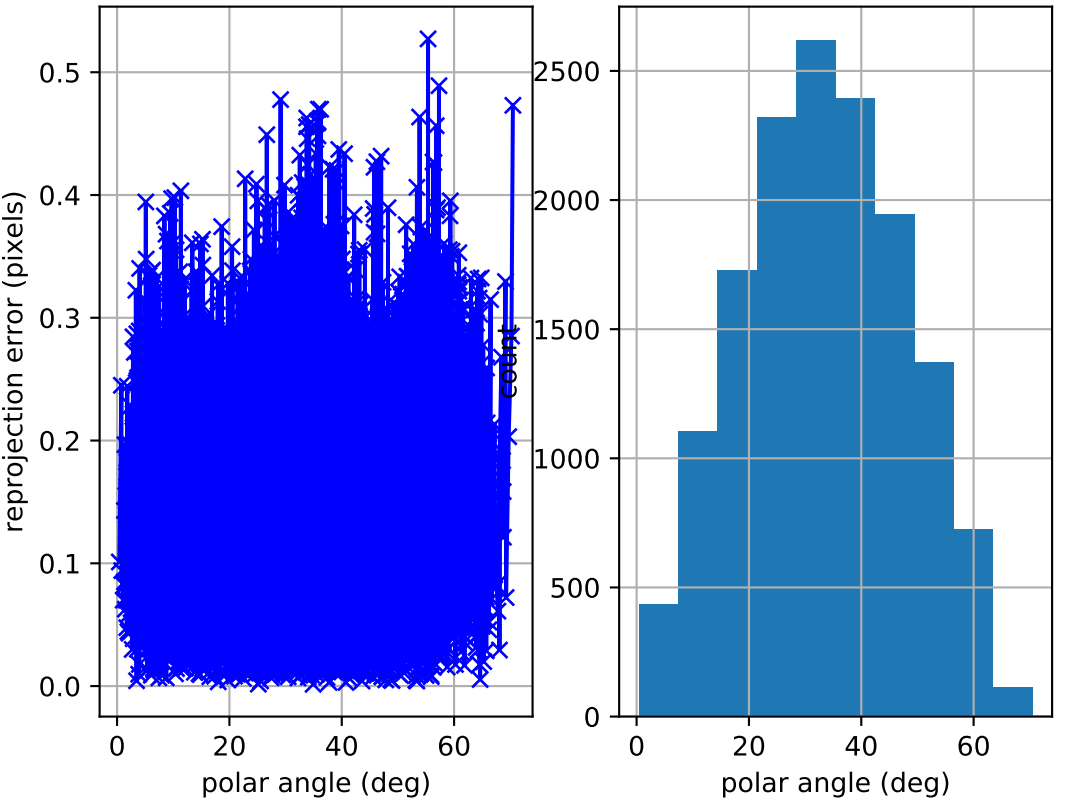
Type: aprilgrid
Tags:
Rows: 6
Cols: 6
Size: 0.0312 [m]
Spacing 0.00959999976 [m]

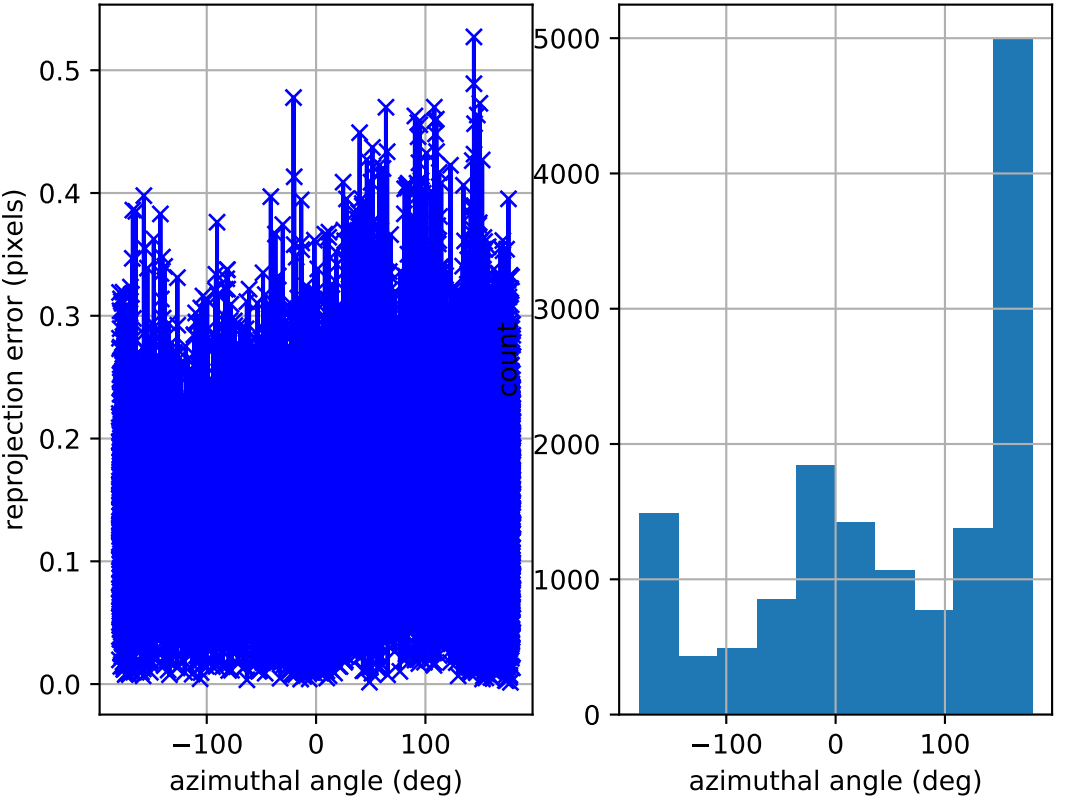
Inter-camera observations graph (edge weight=#mutual obs.)

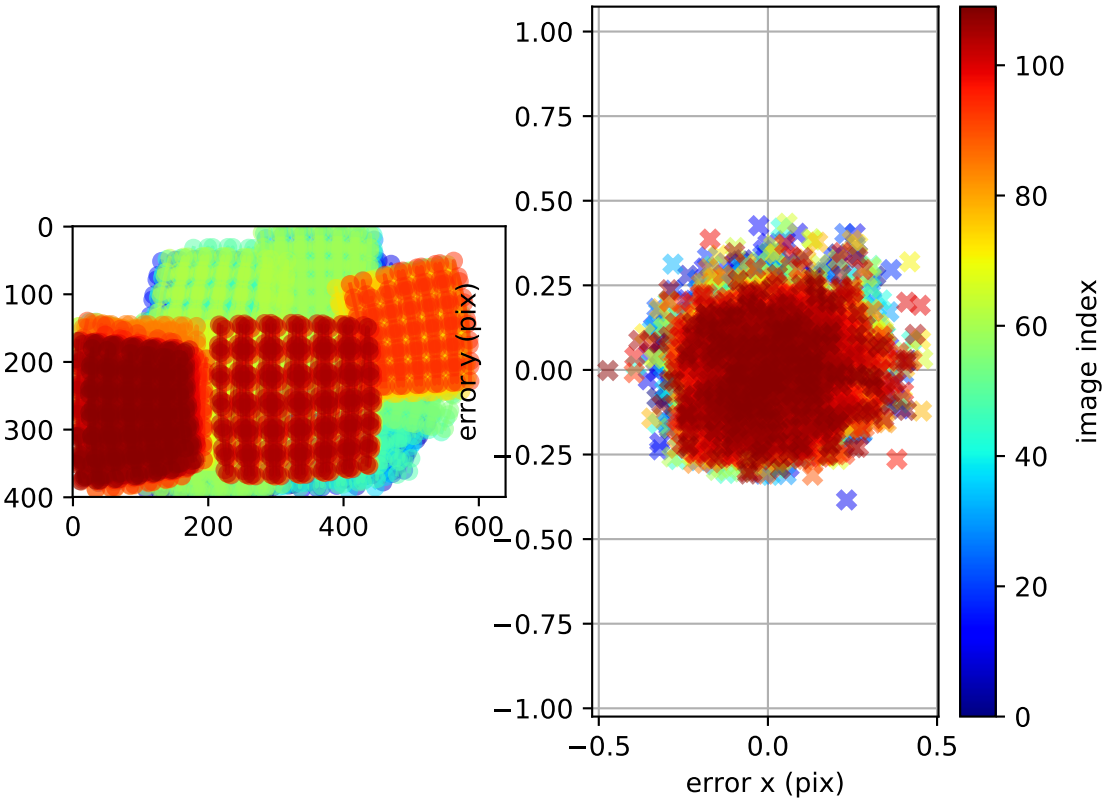


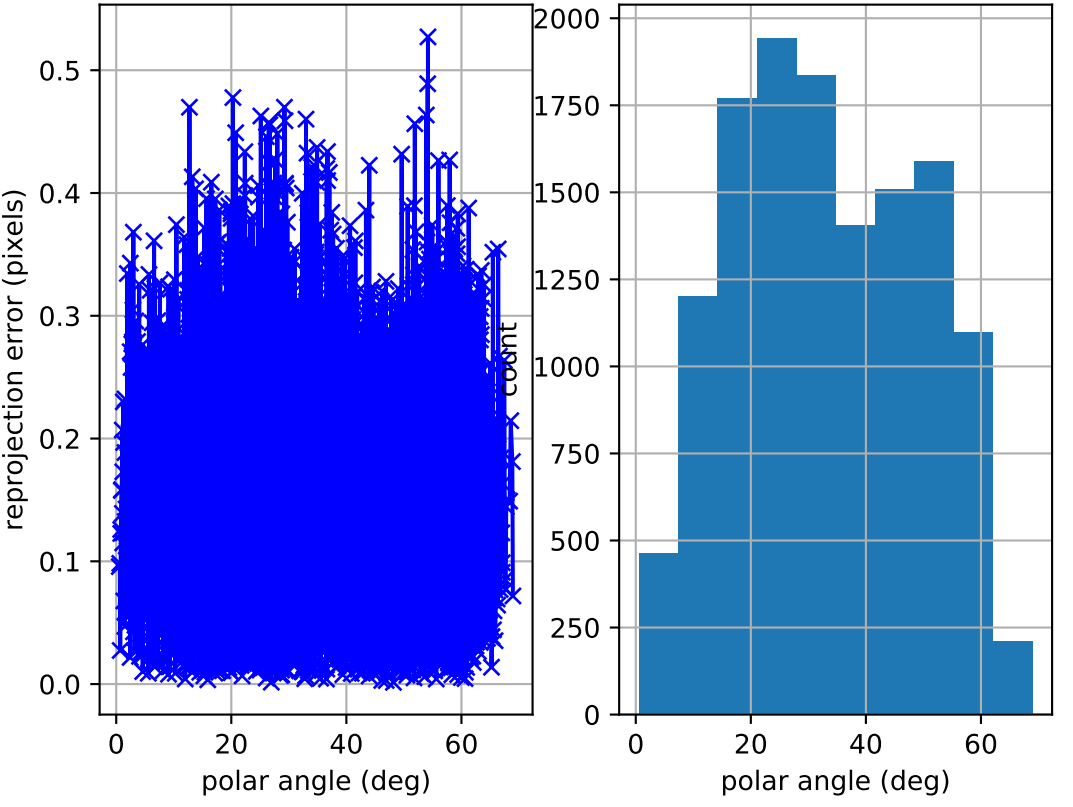

camera system
0.10
0.05
0.00
−0.05
−0.10
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

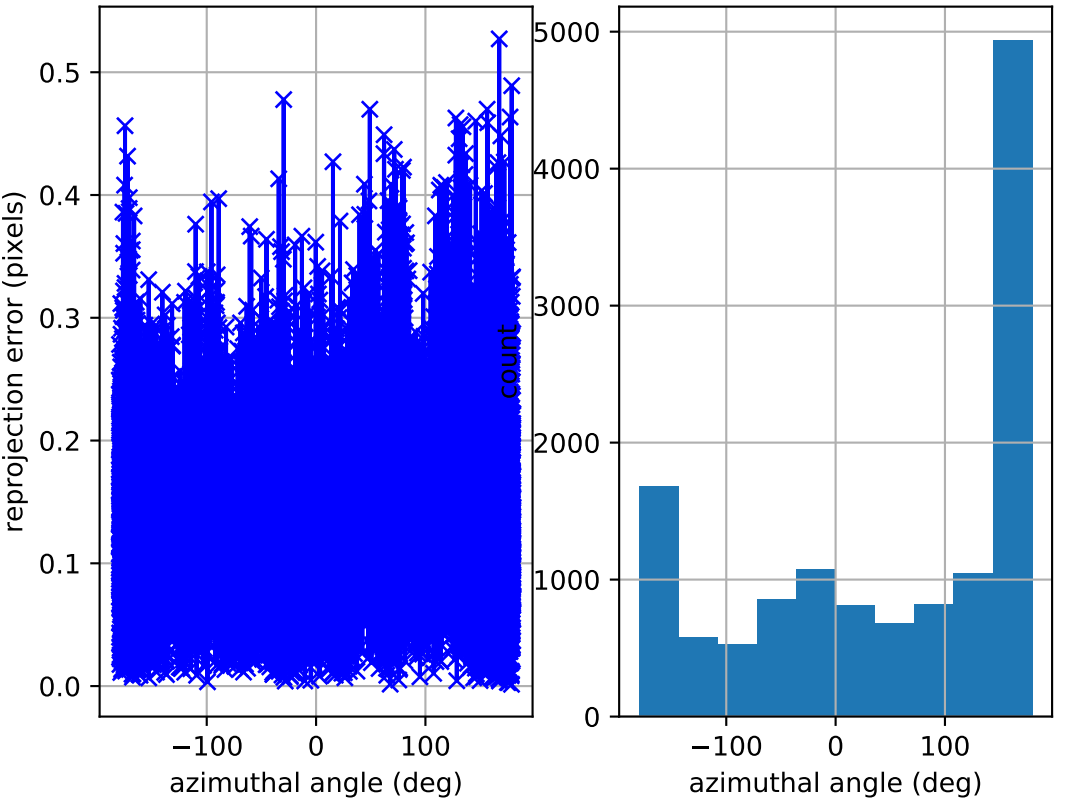

cam0: estimated poses
0.45
0.40
0.35
0.30
0.25
0.00
0.05
0.10
0.15
0.20
0.25
0.30
−0.05
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35

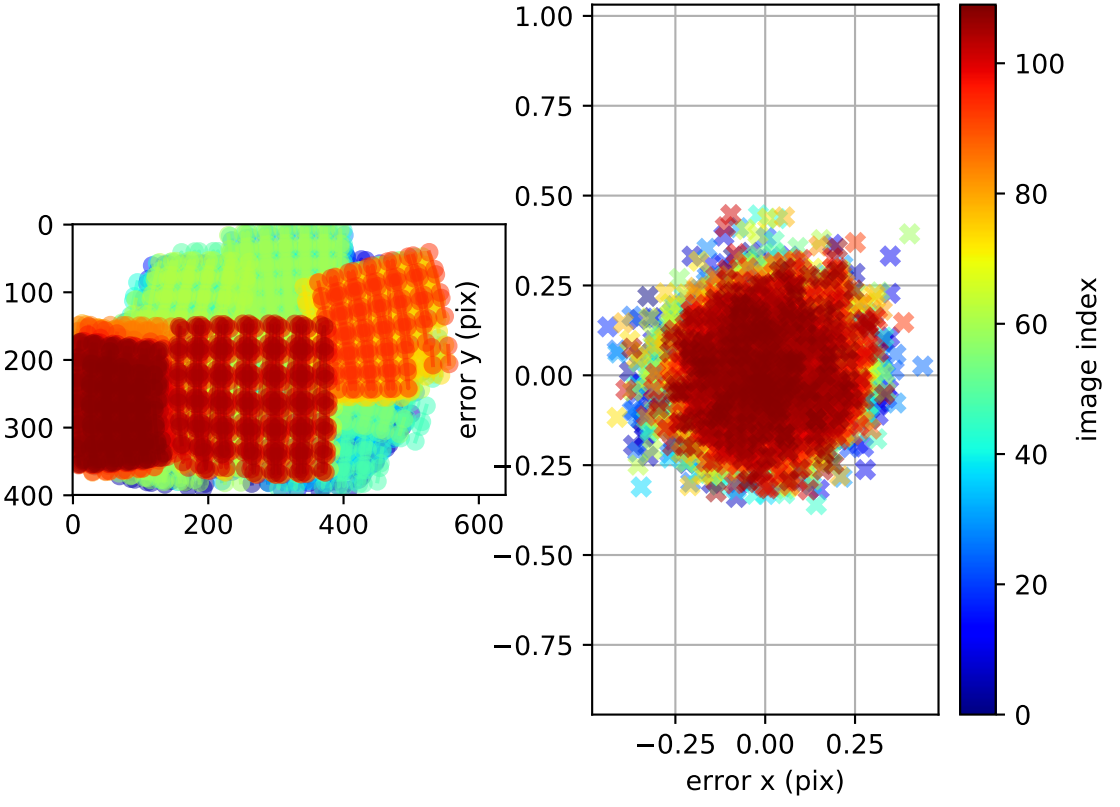

cam0: polar error
reprojection error (pixels)
0.0
0.1
0.2
0.3
0.4
0.5
0
20
40
60
polar angle (deg)
count
0
500
1000
1500
2000
2500
0
20
40
60
polar angle (deg)

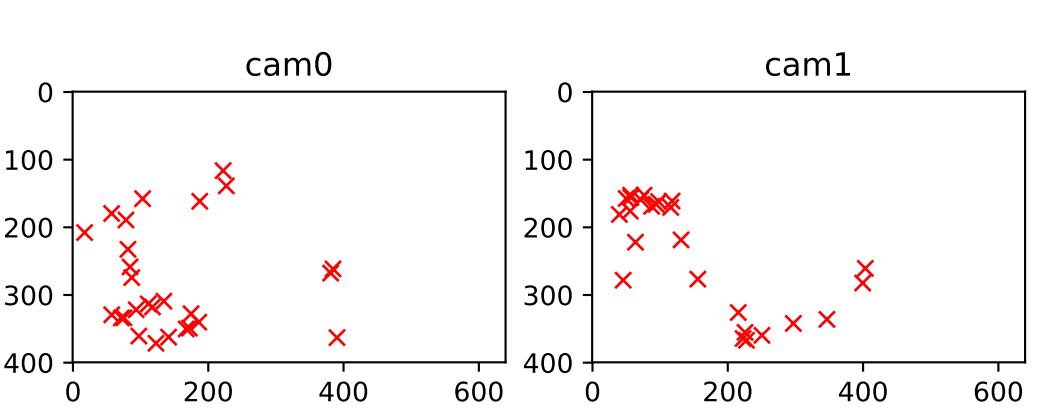

cam0: azimuthal error
reprojection error (pixels)
0.0
0.1
0.2
0.3
0.4
0.5
−100
0
100
azimuthal angle (deg)
count
0
1000
2000
3000
4000
5000
−100
0
100
azimuthal angle (deg)


cam0: reprojection errors
error y (pix)
error x (pix)
image index
0
100
200
300
400
600
−0.5
0.0
0.5
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
100
80
60
40
20
0


cam1: polar error
reprojection error (pixels)
0.0
0.1
0.2
0.3
0.4
0.5
0
20
40
60
polar angle (deg)
count
0
250
500
750
1000
1250
1500
1750
2000
0
20
40
60
polar angle (deg)


cam1: azimuthal error
reprojection error (pixels)
0.0
0.1
0.2
0.3
0.4
0.5
−100
0
100
azimuthal angle (deg)
count
0
1000
2000
3000
4000
5000
−100
0
100
azimuthal angle (deg)


cam1: reprojection errors
error y (pix)
error x (pix)
image index
0
100
200
300
400
0
200
400
600
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−0.25
0.00
0.25
0
20
40
60
80
100


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