

## Calibration results

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### Camera-system parameters:

cam0 (/cam0/image\_raw):

type: <class 'aslam\_cv\_python.DistortedPinholeCameraGeometry'>

distortion: [ 0.15522588 -0.16057199 -0.0019773 0.00140648] +- [0.00297721 0.00439325 0.0005621 0.00061624]

projection: [440.80102691 440.28623032 322.42066542 214.52758108] +- [0.35486413 0.35113708 0.87882062 0.70071338]

reprojection error: [-0.000061, 0.000001] +- [0.218999, 0.199025]

cam1 (/cam2/image\_raw):

type: <class 'aslam\_cv\_python.DistortedPinholeCameraGeometry'>

distortion: [ 0.14287188 -0.1373778 -0.0014552 0.00135937] +- [0.00280806 0.00416864 0.0005489 0.00078927]

projection: [441.35809658 441.03373288 313.98202708 232.22509731] +- [0.33519185 0.34494681 1.00187199 0.73256401]

reprojection error: [-0.000086, 0.000001] +- [0.211863, 0.204745]

baseline T\_1\_0:

q: [-0.01182649 -0.00491321 -0.02354644 0.99964072] +- [0.0008175 0.00120866 0.00015816]

t: [ 0.12427062 0.00155246 -0.0019328 ] +- [0.00041012 0.00032869 0.00090348]

## Target configuration

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Type: aprilgrid

Tags:

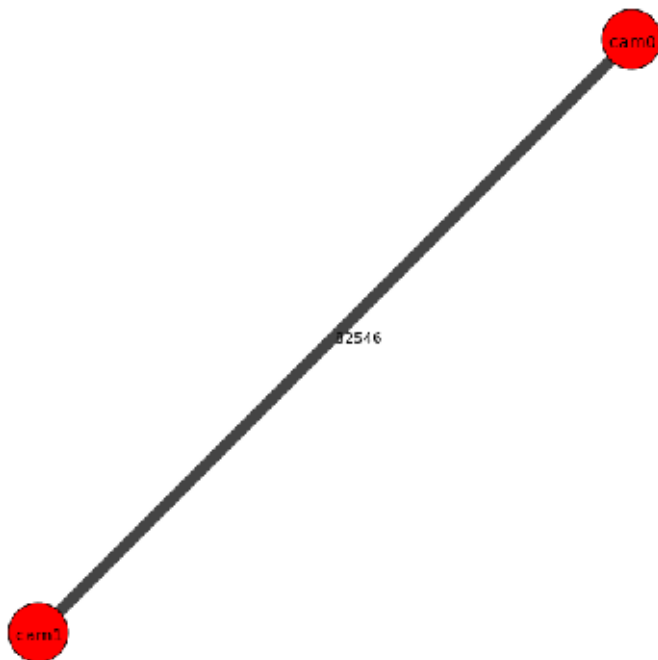
Rows: 6

Cols: 6

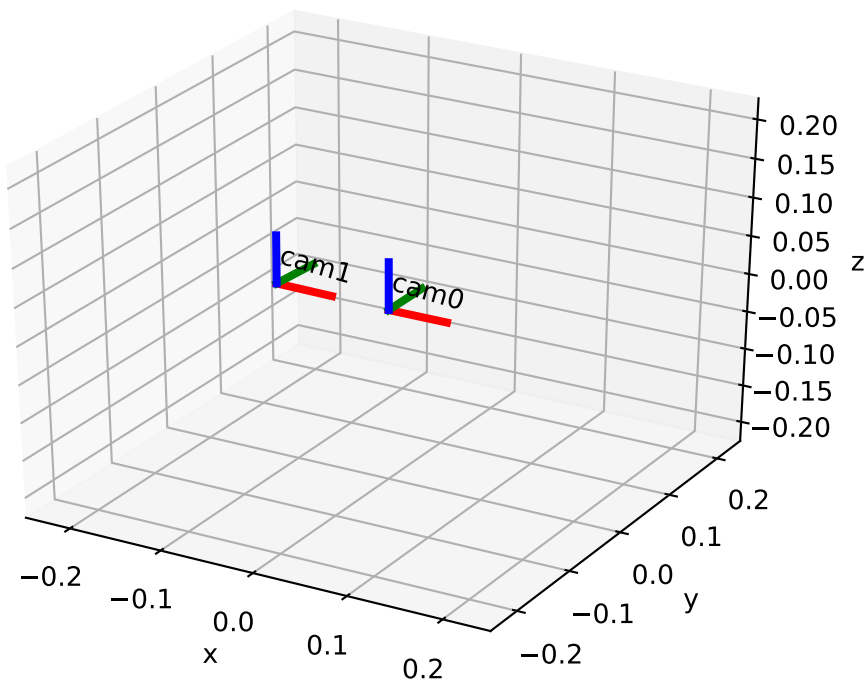
Size: 0.0315 [m]

Spacing 0.009513 [m]

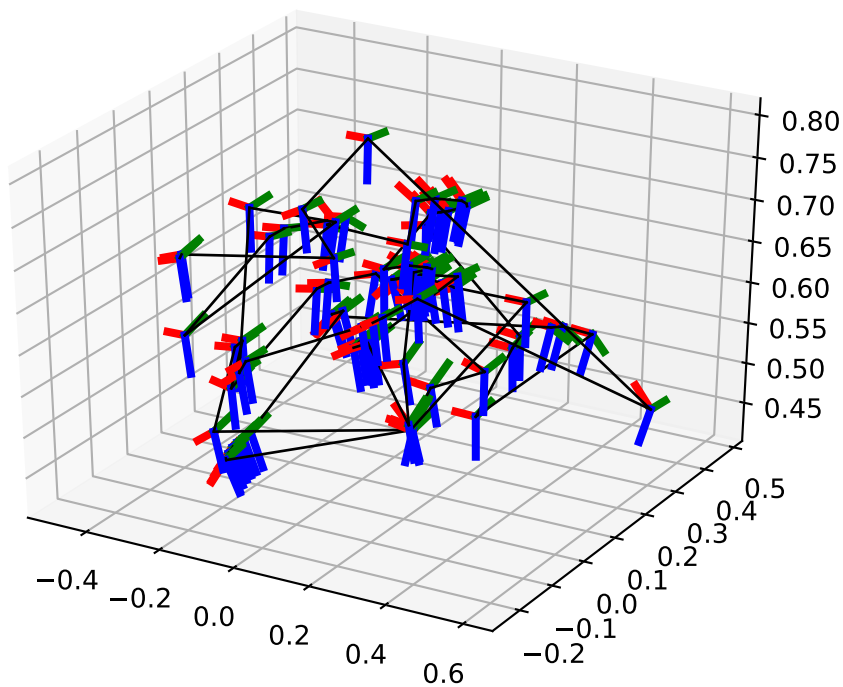
Inter-camera observations graph (edge weight=#mutual obs.)



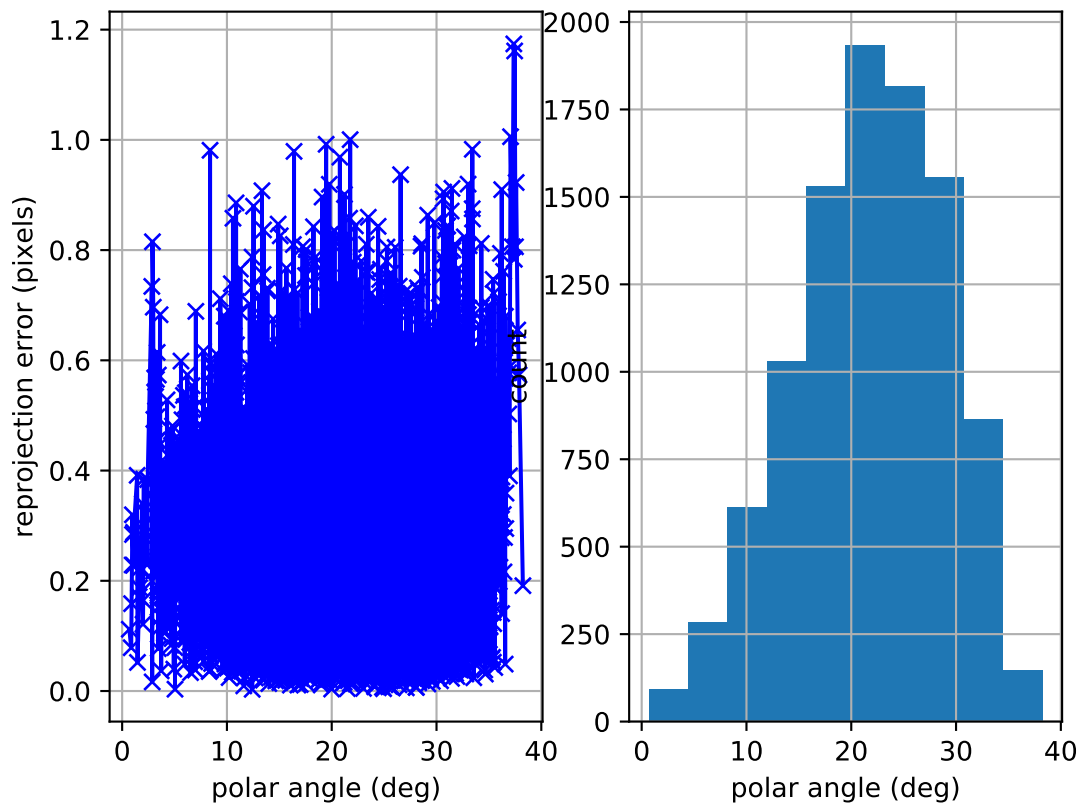
camera system



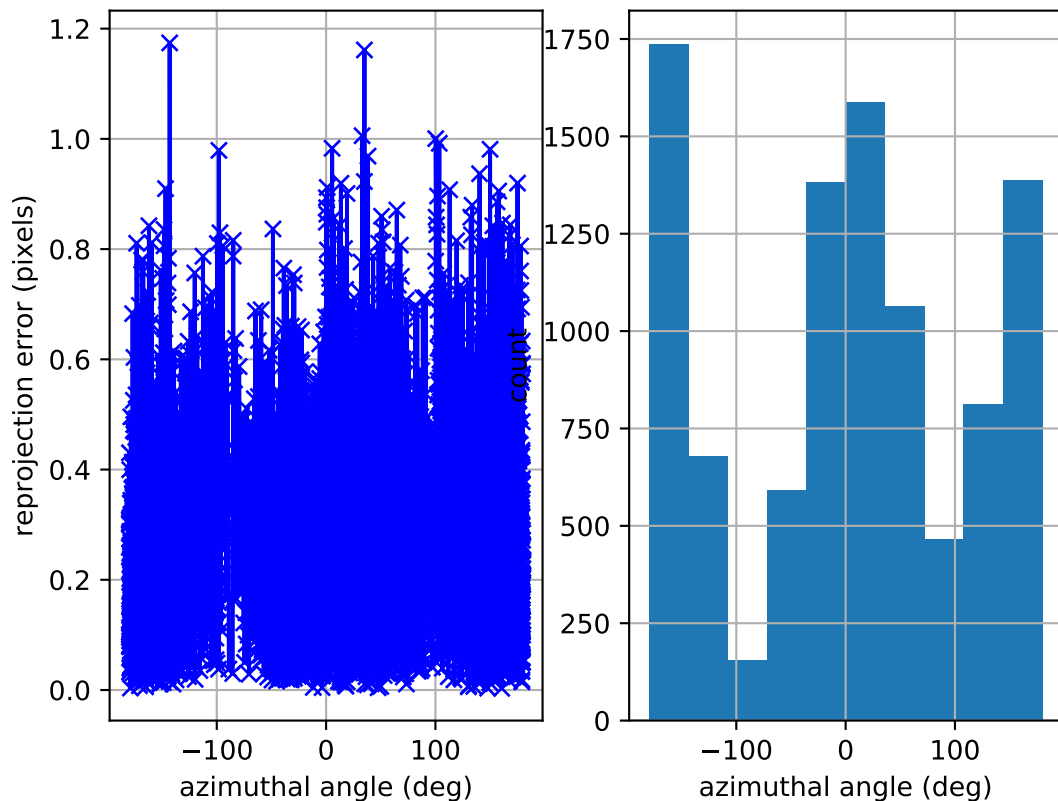
cam0: estimated poses



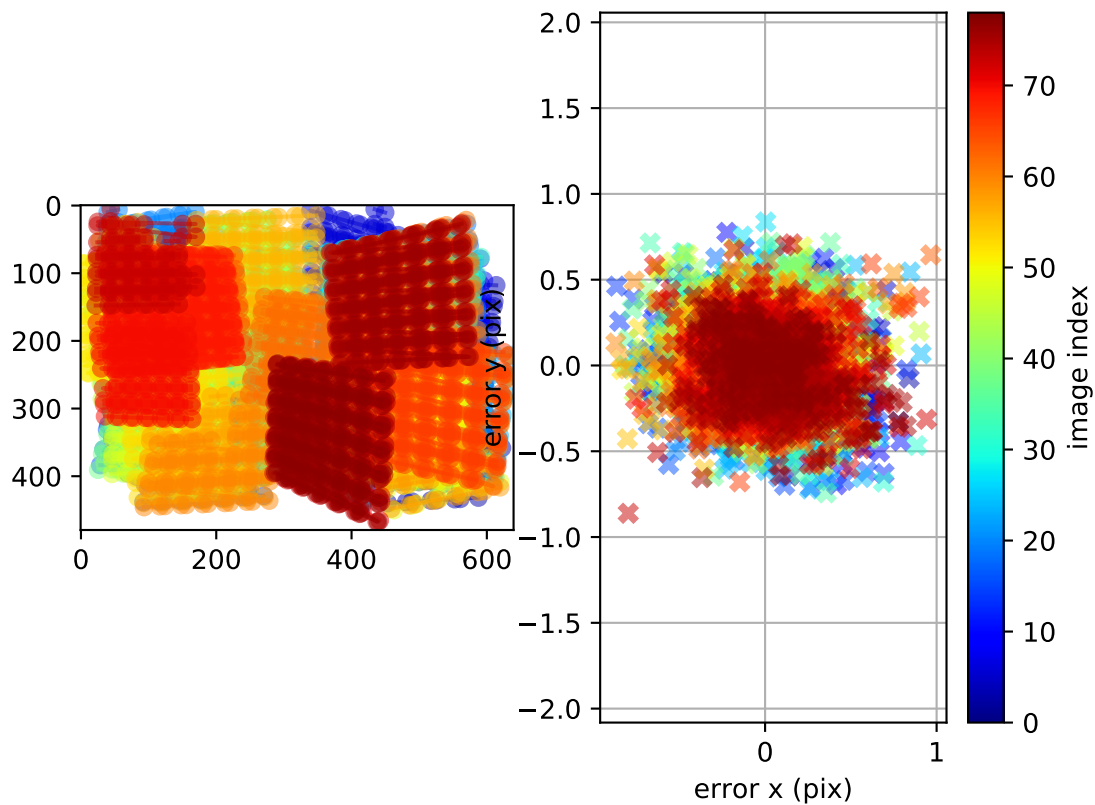
cam0: polar error



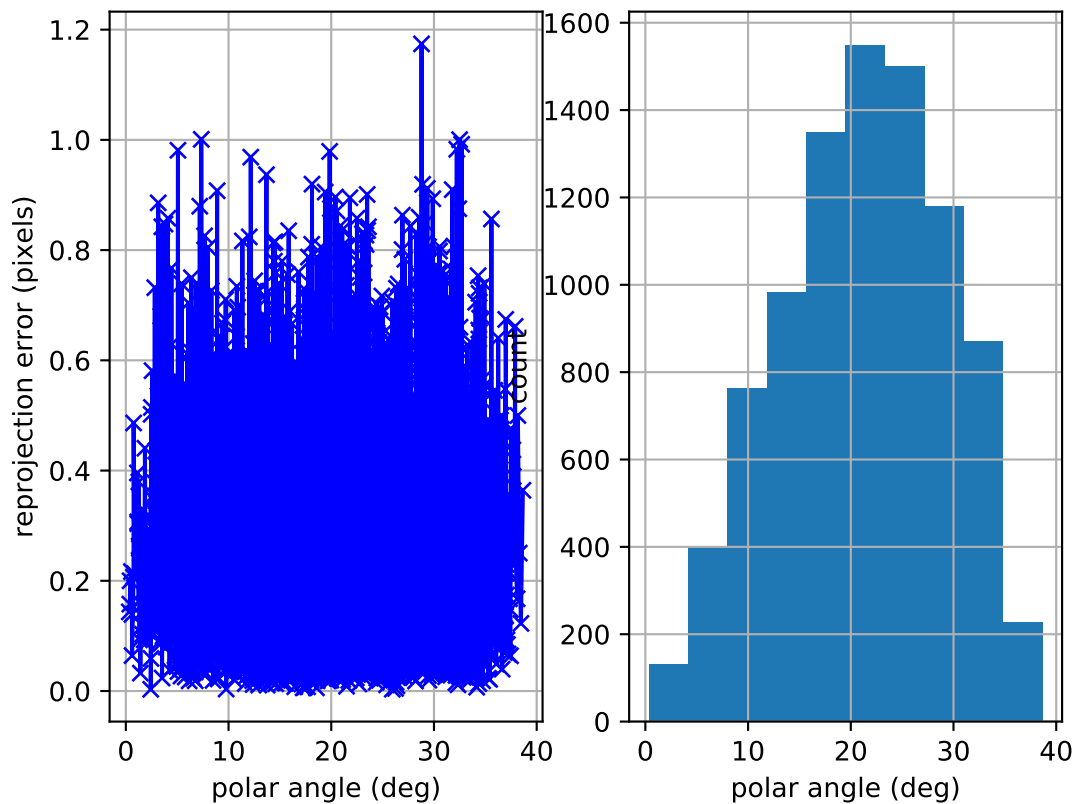
cam0: azimuthal error



cam0: reprojection errors

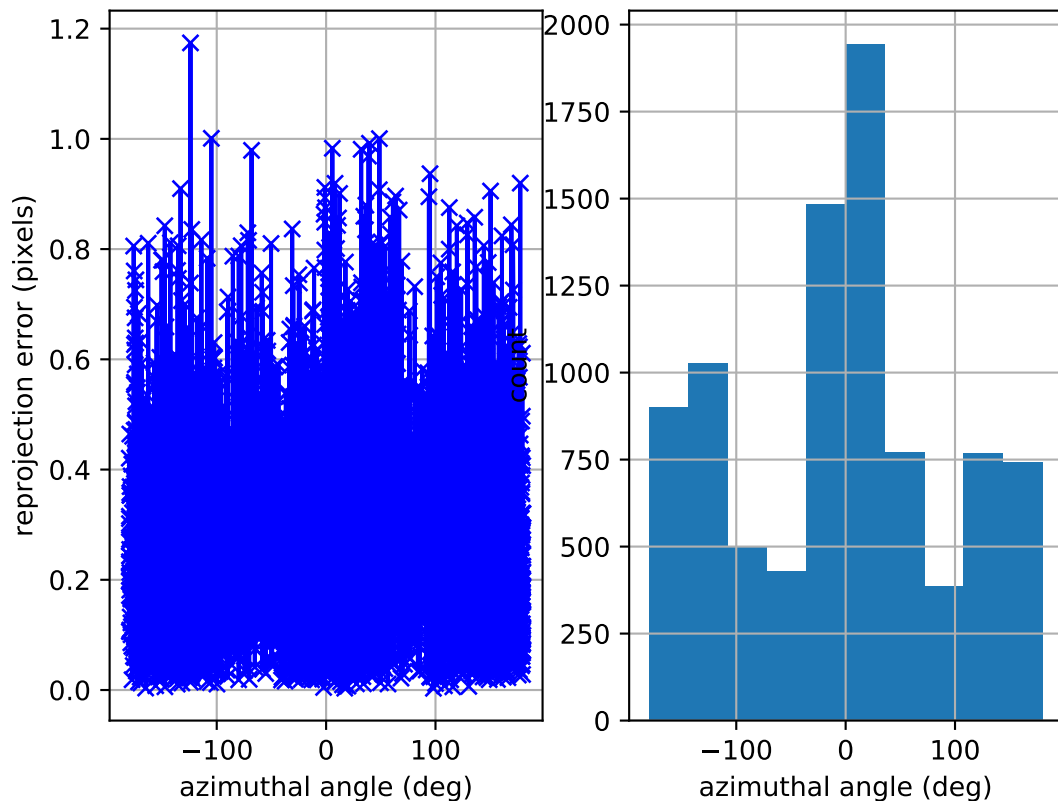


cam1: polar error

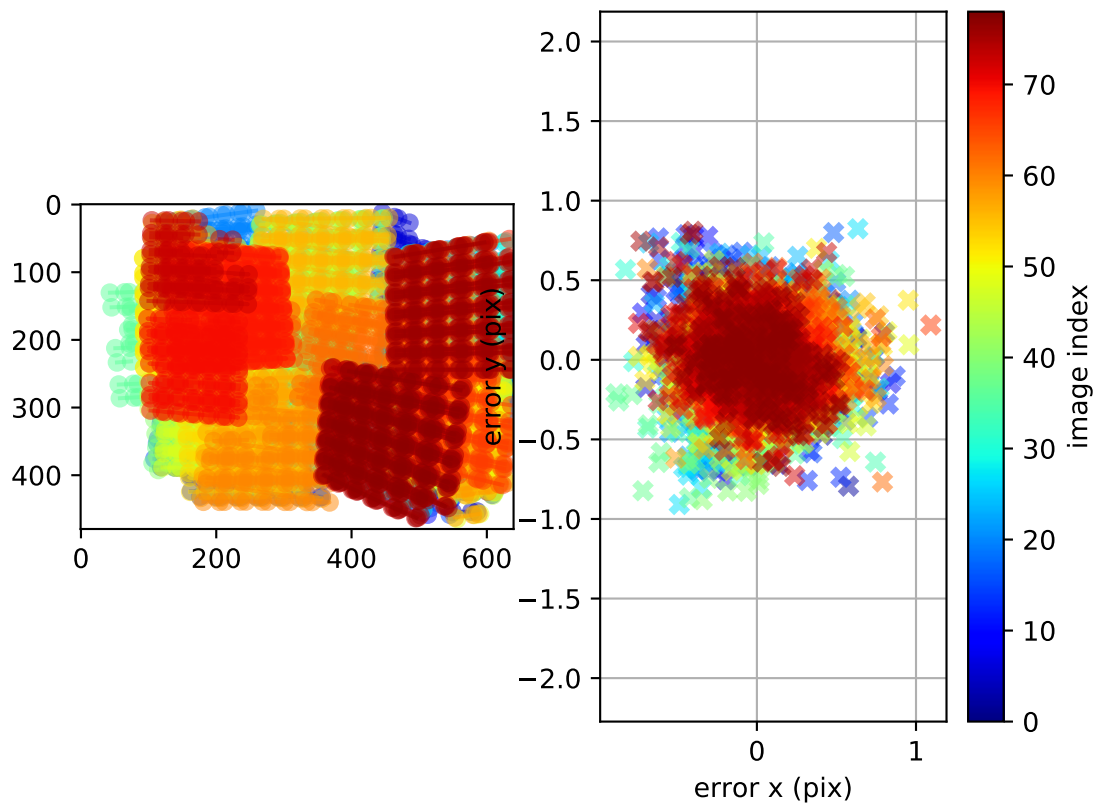




cam1: azimuthal error

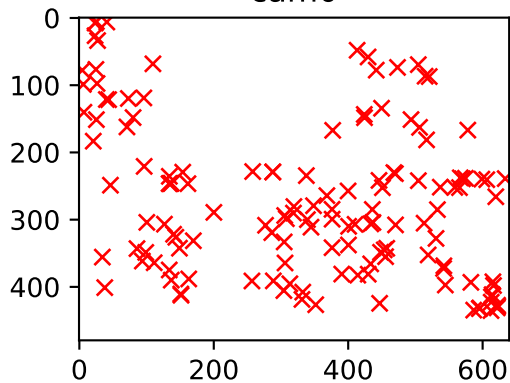


cam1: reprojection errors



# Location of removed outlier corners

cam0



cam1

