

Calibration results

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Camera-system parameters:

cam0 (/cam0/image_raw):

type: <class 'aslam_cv_python.EquidistantDistortedPinholeCameraGeometry'>

distortion: [-0.01376546 0.02168872 -0.02002828 0.00939944] +- [0.0064409 0.02913654 0.0501542 0.02936513]

projection: [289.36034236 290.13607275 316.15159346 200.79298863] +- [0.02905431 0.0275663 0.25044686 0.12577805]

reprojection error: [-0.000003, 0.000004] +- [0.122112, 0.114395]

cam1 (/cam1/image_raw):

type: <class 'aslam_cv_python.EquidistantDistortedPinholeCameraGeometry'>

distortion: [-0.02184828 0.0465897 -0.03960693 0.01115653] +- [0.00555599 0.02225189 0.03420726 0.01781831]

projection: [289.20367592 289.98114733 315.88386957 199.90524803] +- [0.02831477 0.03080107 0.23870666 0.12945301]

reprojection error: [-0.000004, 0.000004] +- [0.126256, 0.112969]

baseline T_1_0:

q: [-0.00226937 -0.00627098 -0.01216897 0.99990372] +- [0.00061901 0.0009923 0.00009555]

t: [-0.08043923 0.00008173 0.0000429] +- [0.00011509 0.00010629 0.00020889]

Target configuration

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Type: aprilgrid

Tags:

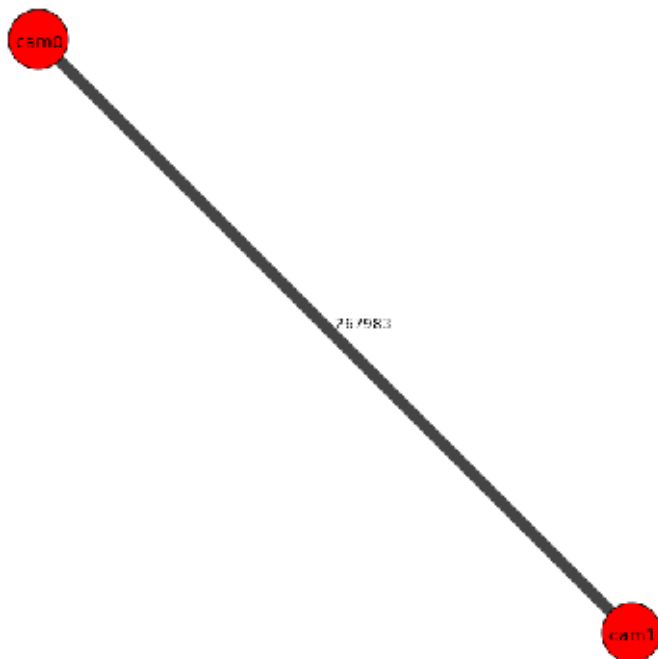
Rows: 6

Cols: 6

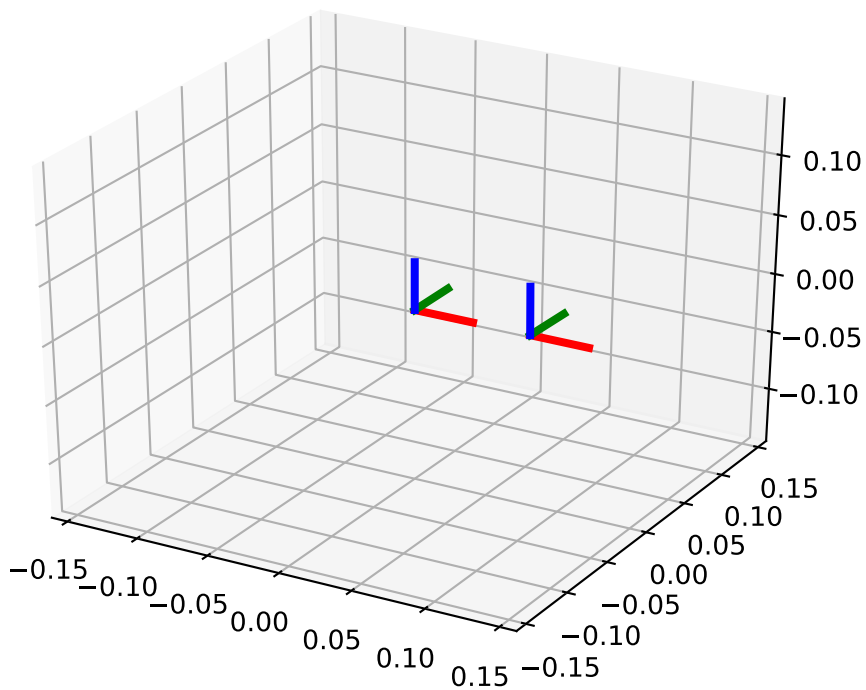
Size: 0.0312 [m]

Spacing 0.00959999976 [m]

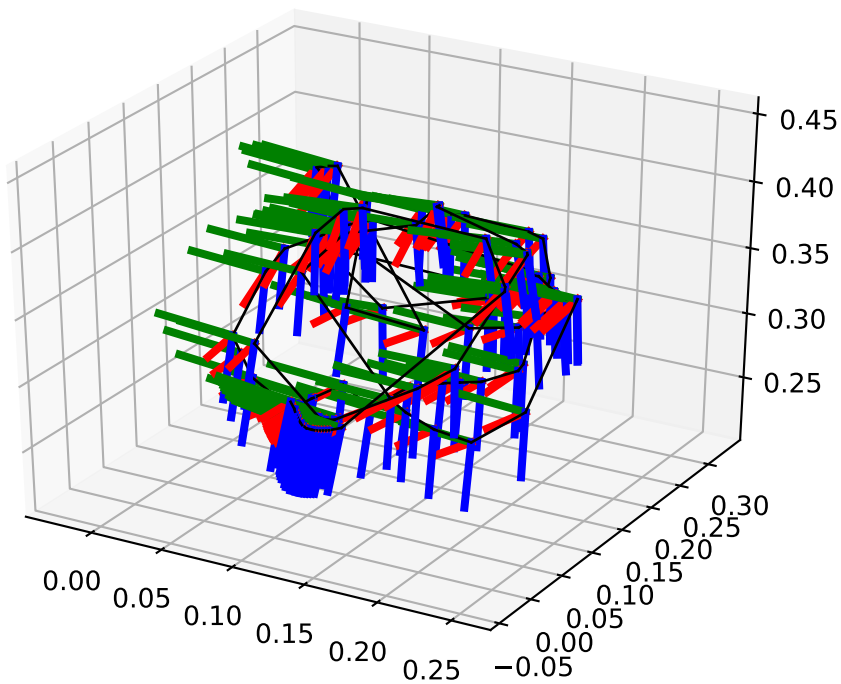
Inter-camera observations graph (edge weight=#mutual obs.)



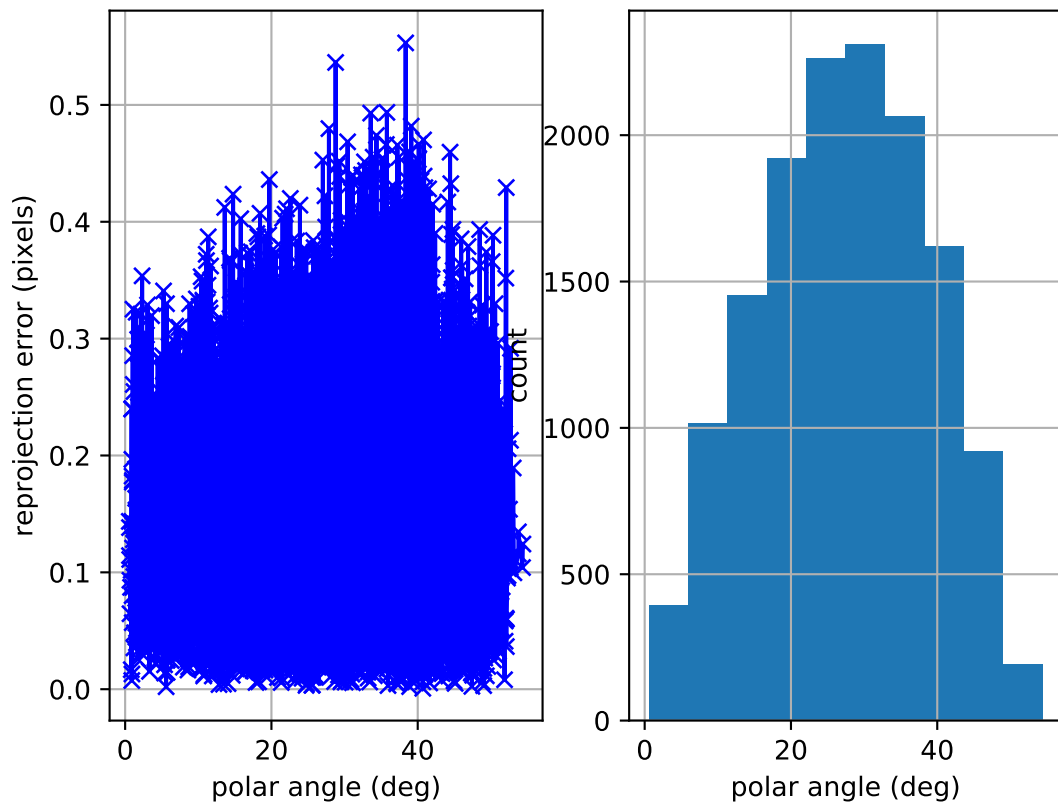
camera system



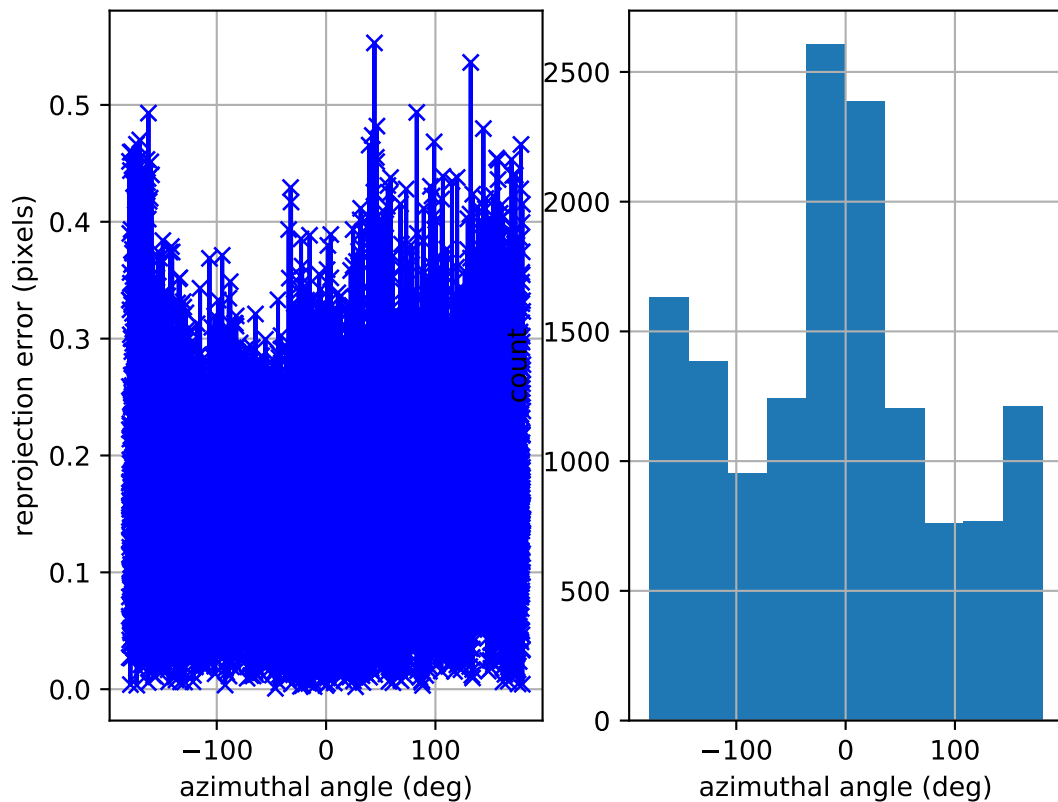
cam0: estimated poses



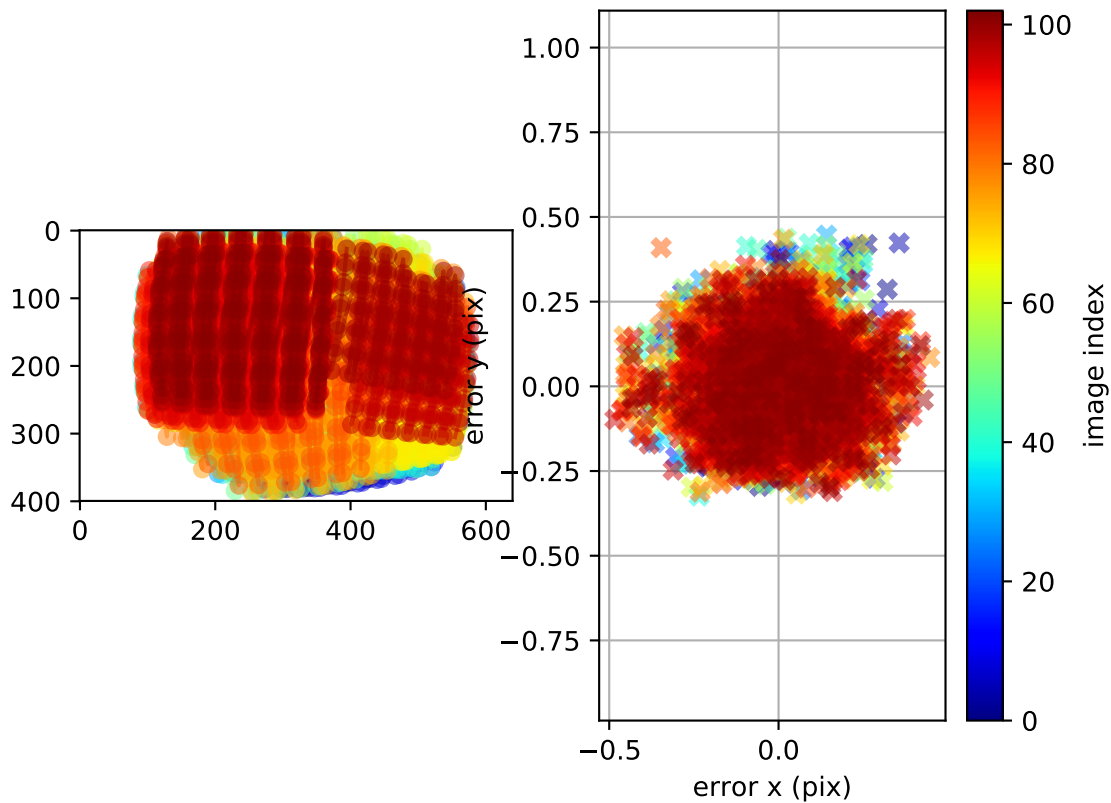
cam0: polar error



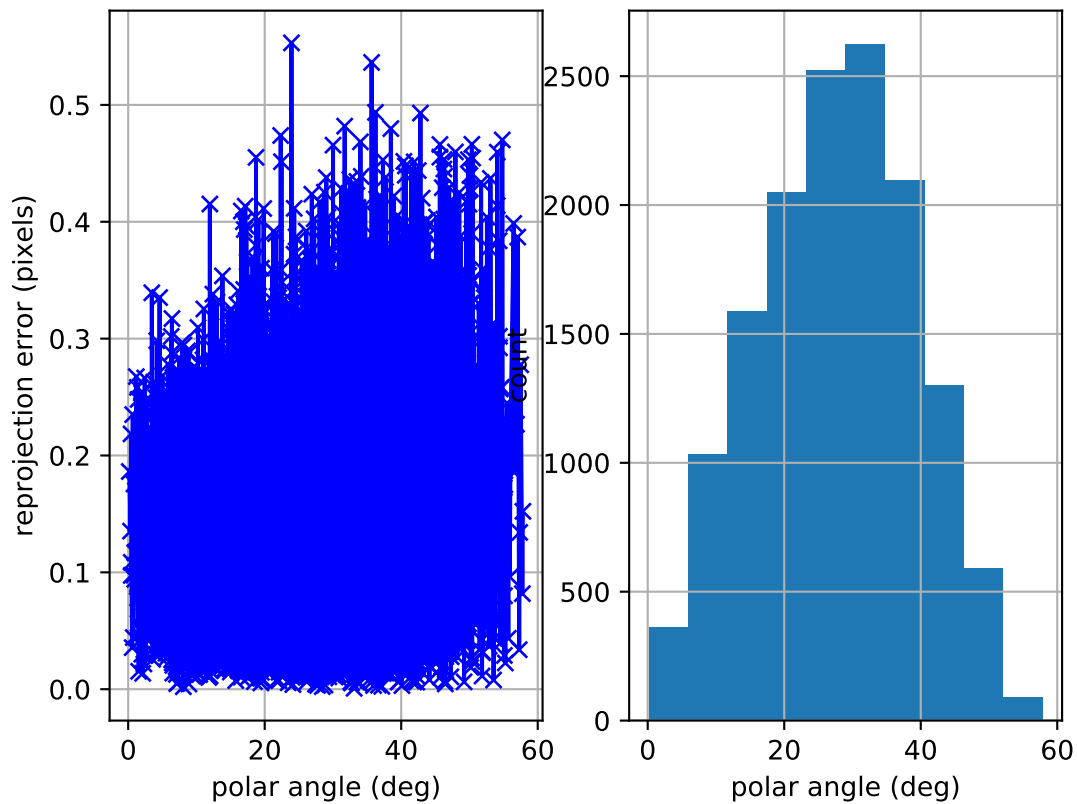
cam0: azimuthal error



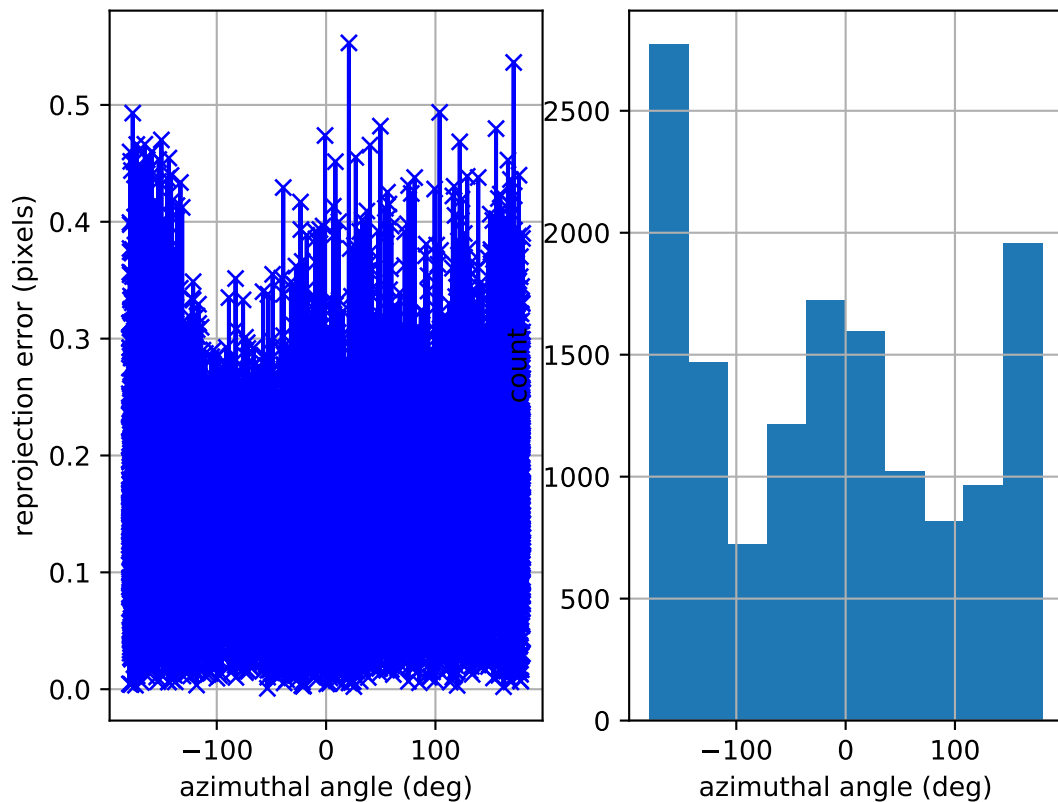
cam0: reprojection errors



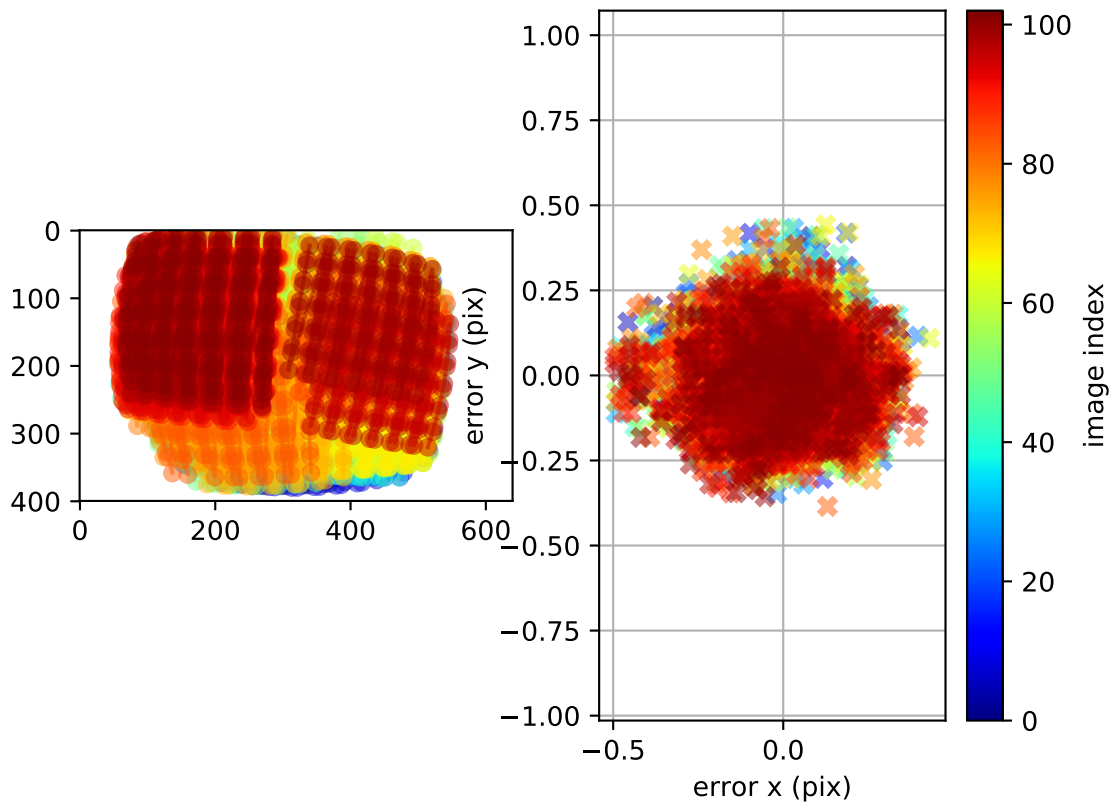
cam1: polar error



cam1: azimuthal error



cam1: reprojection errors



Location of removed outlier corners

