Accelerometer error (imu0) [m/s^2]: mean 7.989854705047954e-07, median 8.528909651533861e-08, std:

mean 4.384008080504026e-09, median 1.7692943798619787e-10, std: 1

Transformation (cam0):

Gyroscope error (imu0) [rad/s]:

timeshift cam0 to imu0: [s] $(t_imu = t_cam + shift) -0.16407895692954497$

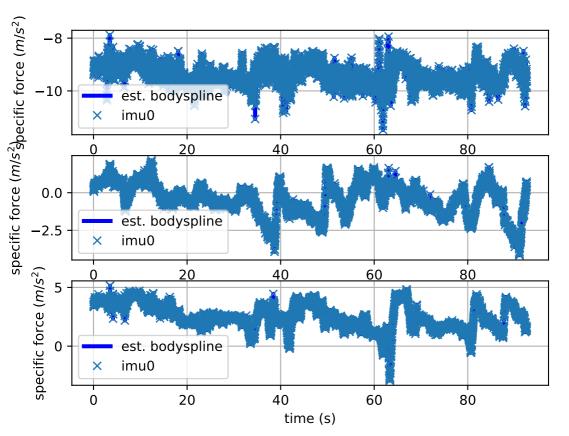
Gravity vector in target coords: [m/s^2] [-1.58107945 8.96972404 -3.63492247]

Calibration configuration

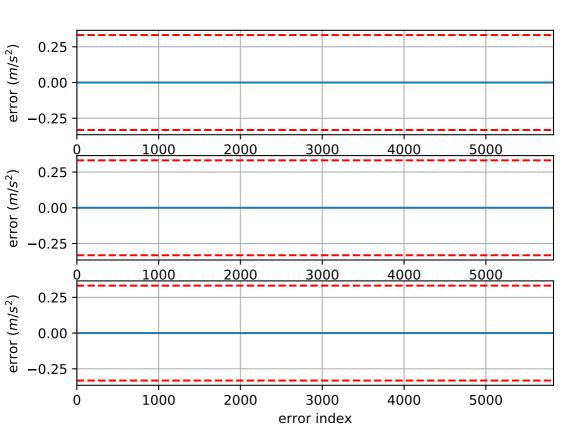
Camera model: omni Focal length: [5388.541168351158, 5476.543796744285] Principal point: [679.228880887539, 319.915552894852] Omni xi: 3.8561555833141883 Distortion model: radtan Distortion coefficients: [-1.2855595646432112, 50.51919240037724, 0.09758934062755266, 0.018636175 Type: aprilgrid Tags: Rows: 6 Cols: 6 Size: 0.31 [m] Spacing 0.093 [m] IMU configuration =========== IMU0: Model: calibrated Update rate: 100.0 Accelerometer: Noise density: 0.01106472720206316 Noise density (discrete): 0.11064727202063158 Random walk: 0.0004043671067197022 Gyroscope: Noise density: 0.0005561500370790801 Noise density (discrete): 0.0055615003707908004 Random walk: 2.1248567802952673e-05 T ib (imu0 to imu0) [[1, 0, 0, 0, 1]][0, 1, 0, 0.1][0, 0, 1, 0, 1][0, 0, 0, 1, 1]

time offset with respect to IMLIO: 0.0 [s]

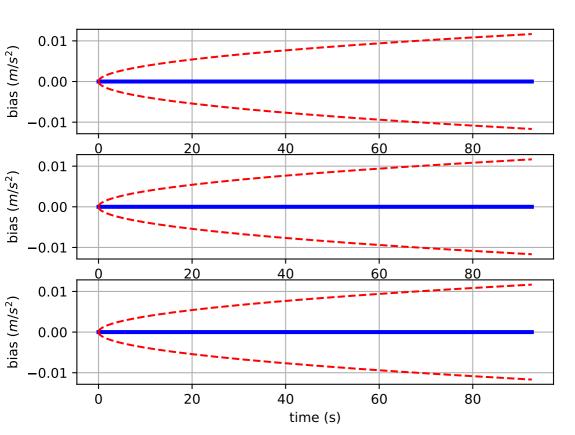
Comparison of predicted and measured specific force (imu0 frame)



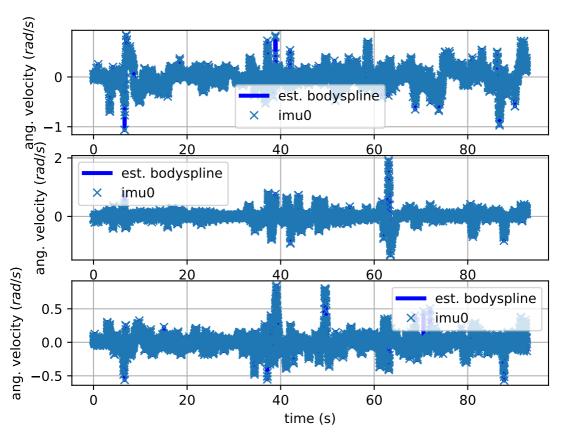
imu0: acceleration error



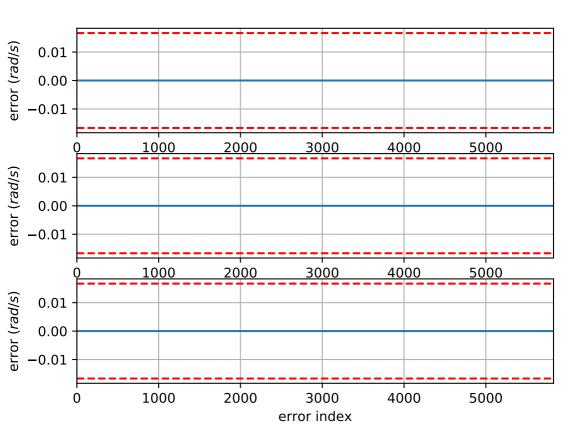
imu0: estimated accelerometer bias (imu frame)



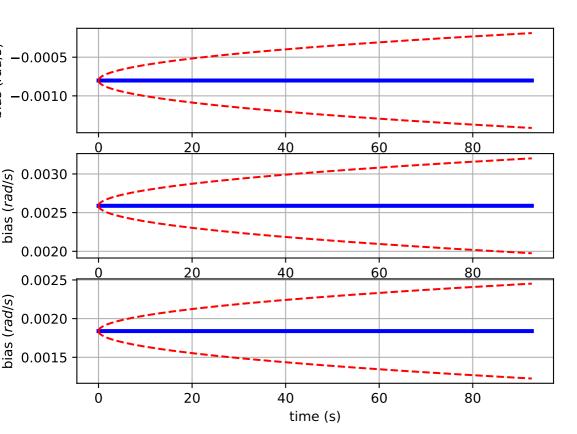
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

