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Calibration results
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Normalized Residuals
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                         mean 7.33363546018, median 3.96680332562, std: 14.7017619151
Reprojection error (cam0):
Gyroscope error (imu0):
                         mean 13.7118143188, median 12.5203136396, std: 8.07229916762
Accelerometer error (imu0):
                          mean 12.3963827158, median 10.0262551699, std: 8.81545115088
Residuals
Reprojection error (cam0) [px]:
Gyroscope error (imu0) [rad/s]:
Accelerometer error (imu0) [m/s^2]: mean 0.701245302439, median 0.567170641642, std: 0.49867722304
Transformation (cam0):
T ci: (imu0 to cam0):
```

[[-0.96031331 0.21439496 0.17841844 -0.09281305] [-0.22975183 -0.97071751 -0.07015418 -0.48737467]

mean 7.33363546018, median 3.96680332562, std: 14.7017619151

mean 0.0658145262303, median 0.0600955126204, std: 0.038745751142

[0. 1. 0. 0. T ic: (cam0 to imu0): [[-0.96031331 -0.1581532 -0.22975183 -0.23527027] [0.21439496 0.10836195 -0.97071751 -0.42979531] [0.17841844 -0.98145059 -0.07015418 -0.22965213] [0. 0. 0.

timeshift cam0 to imu0: [s] (t imu = t cam + shift) 1.4233752595317872

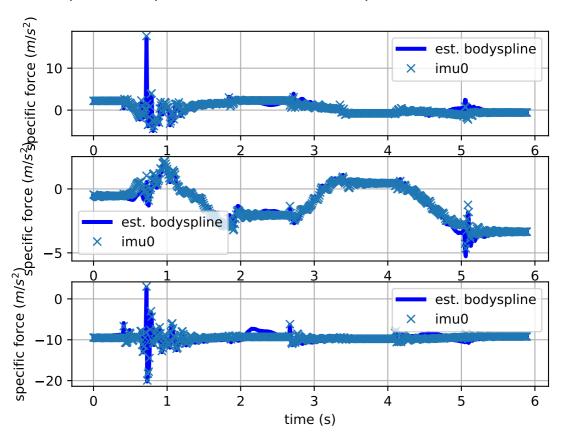
Gravity vector in target coords: [m/s^2] [-9.46858202 1.81287087 1.79662924]

Calibration configuration

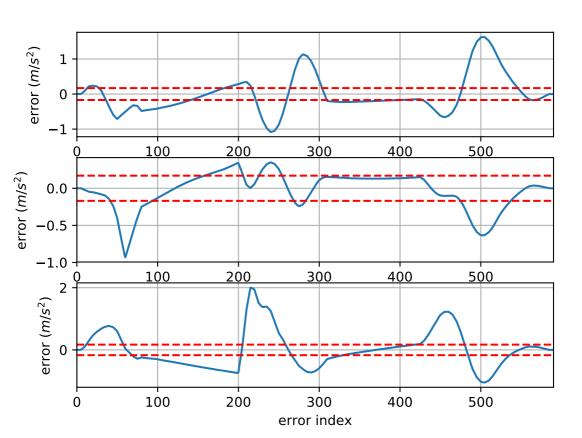
Camera model: pinhole Focal length: [556.7964796694548, 556.9975798250968] Principal point: [310.99526457802625, 238.84661477849423] Distortion model: radtan Type: checkerboard Rows Count: 6 Distance: 0.07 [m] Cols Count: 7 Distance: 0.07 [m] IMU configuration =========== IMU0: Model: calibrated Update rate: 200.0 Accelerometer: Noise density: 0.004 Noise density (discrete): 0.0565685424949 Random walk: 0.006 Gyroscope: Noise density: 0.0003394 Noise density (discrete): 0.00479984083069 Random walk: 3.8785e-05 Tib [1, 0, 0, 0, 1][0. 1. 0. 0.] [0, 0, 1, 0, 1] $[0. \ 0. \ 0. \ 1.]]$

time offset with respect to IMLIO: 0.0 [s]

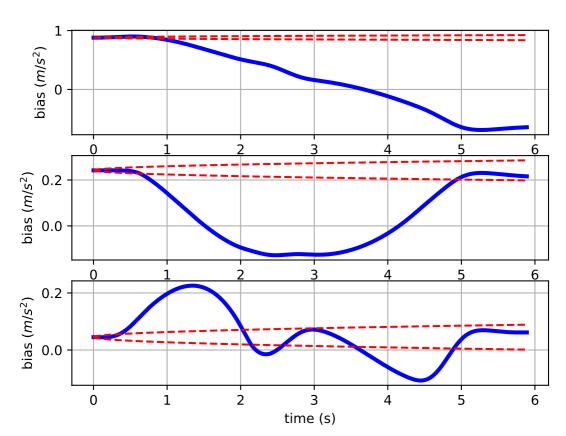
Comparison of predicted and measured specific force (imu0 frame)



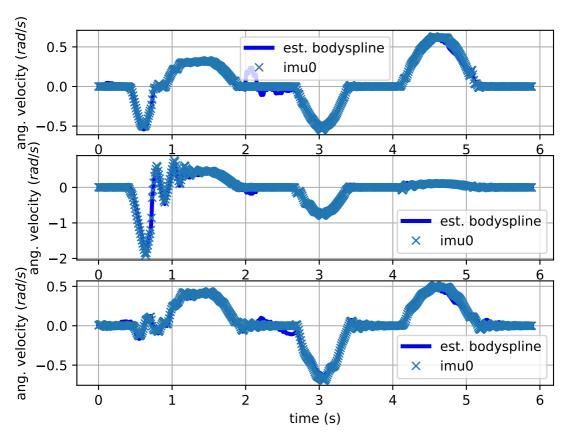
imu0: acceleration error



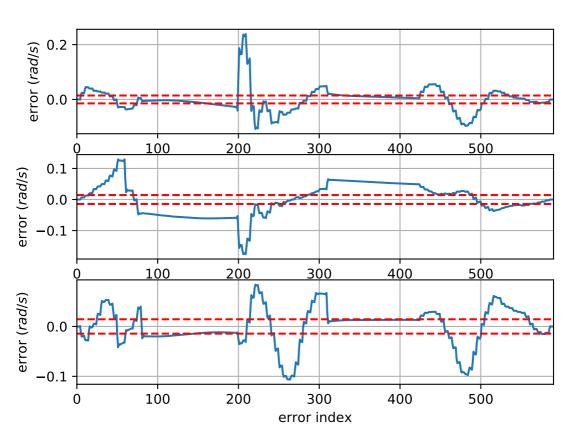
imu0: estimated accelerometer bias (imu frame)



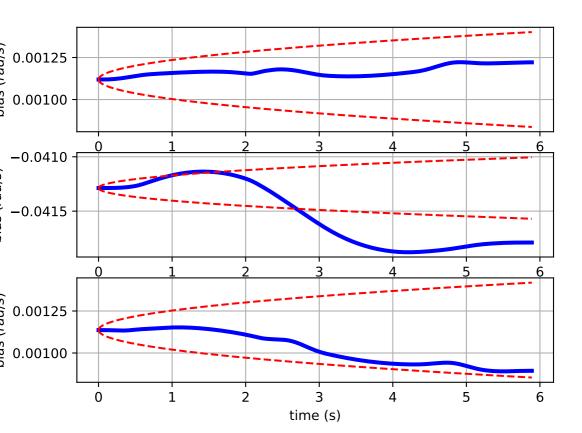
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

