Reprojection error (cam0): mean 0.48181720317, median 0.366347848539, std: 0.432600971546 mean 0.969852482317, median 0.579547447344, std: 1.32138701482 Accelerometer error (imu0): mean 0.793456478467, median 0.498367793411, std: 1.01319972383

```
Residuals
```

```
Reprojection error (cam0) [px]: mean 0.48181720317, median 0.366347848539, std: 0.432600971546 Gyroscope error (imu0) [rad/s]: mean 0.18285120708, median 0.109265019412, std: 0.249127795294 Accelerometer error (imu0) [m/s^2]: mean 0.416136064688, median 0.261373897555, std: 0.53138257391
```

```
Transformation (cam0):
```

timeshift cam0 to imu0: [s] (t\_imu = t\_cam + shift) 0.4632458106514751

```
Gravity vector in target coords: [m/s^2] [ 4.34393001 7.73506494 -4.17940969]
```

Calibration configuration

```
Camera model: pinhole
 Focal length: [606.0150343825649, 606.3035923500496]
 Principal point: [323.3991173372467, 233.81093687917368]
 Distortion model: radtan
 Distortion coefficients: [0.0, 0.0, 0.0, 0.0]
 Type: checkerboard
 Rows
  Count: 6
  Distance: 0.07 [m]
 Cols
  Count: 7
  Distance: 0.07 [m]
IMU configuration
============
IMU0:
 Model: calibrated
 Update rate: 372.288
 Accelerometer:
  Noise density: 0.0271814566306
  Noise density (discrete): 0.524459848752
  Random walk: 0.000665010403509
 Gyroscope:
  Noise density: 0.00977130638508
  Noise density (discrete): 0.188535071482
```

[0. 0. 1. 0.] [0. 0. 0. 1.]] me offset with respec

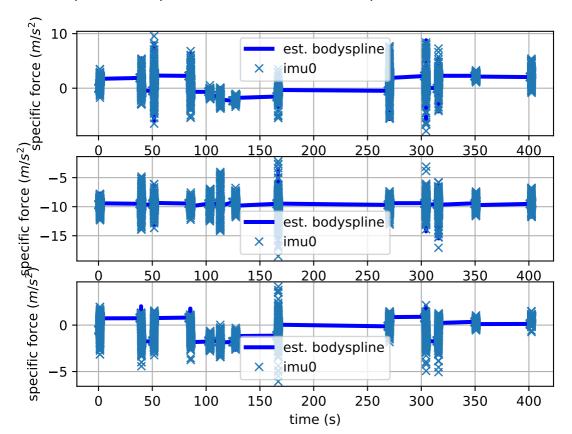
Tib

[[1. 0. 0. 0. 0.]

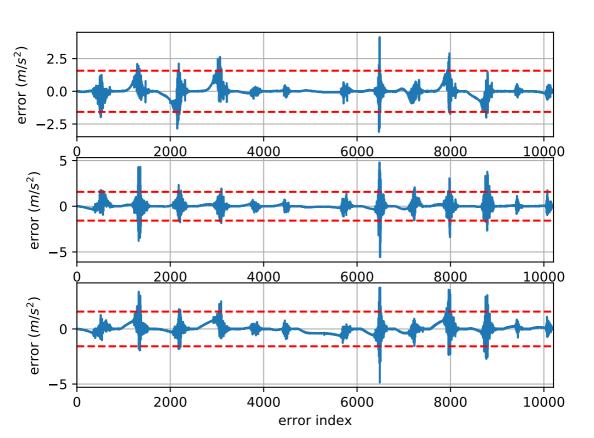
Random walk: 5.36329314159e-05

time offset with respect to IMU0: 0.0 [s]

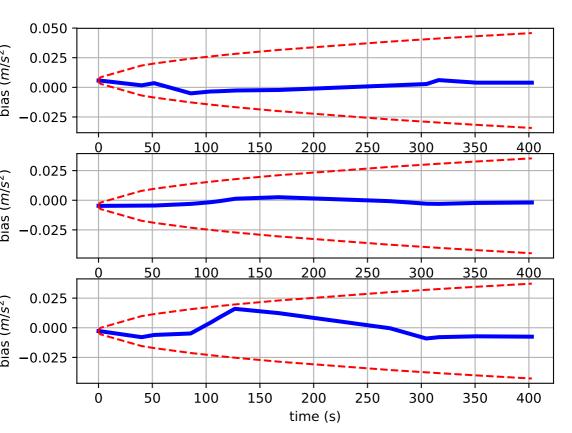
## Comparison of predicted and measured specific force (imu0 frame)



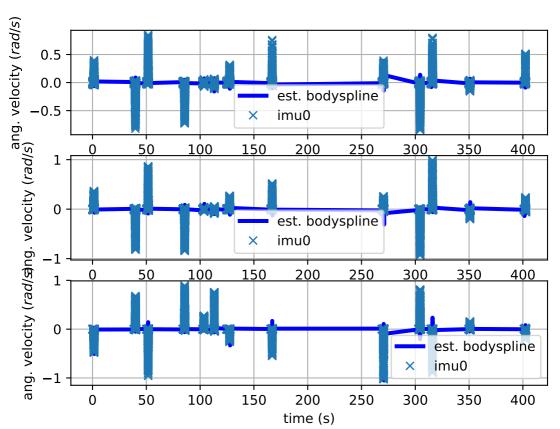
imu0: acceleration error



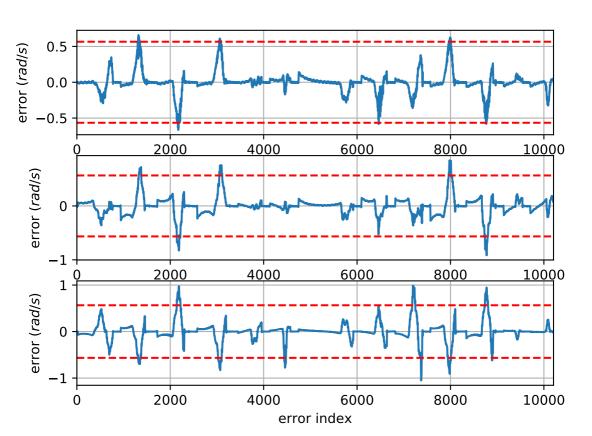
imu0: estimated accelerometer bias (imu frame)



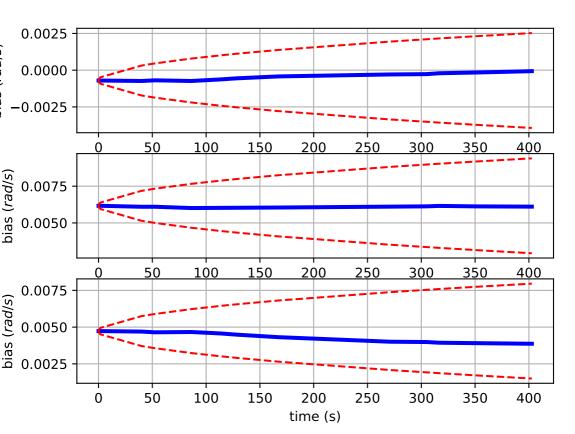
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

