Reprojection error (cam0): mean 0.0447715161072, median 0.041814273781, std: 0.0236706952031 gyroscope error (imu0): mean 0.0535650640616, median 0.0487166288512, std: 0.0280935168596 Accelerometer error (imu0): mean 0.621669601015, median 0.369637649915, std: 0.609588038301

mean 0.0447715161072, median 0.041814273781, std: 0.0236706952031

```
Residuals
```

```
Reprojection error (cam0) [px]:
```

Gyroscope error (imu0) [rad/s]: mean 0.00378762200327, median 0.00344478586173, std: 0.0019865116 Accelerometer error (imu0) [m/s^2]: mean 0.087917358107, median 0.0522746577674, std: 0.0862087671

Transformation (cam0):

```
T_ci: (imu0 to cam0):
```

```
T_ic: (cam0 to imu0):
```

timeshift cam0 to imu0: [s] ($t_imu = t_cam + shift$) 0.0015943479165039692

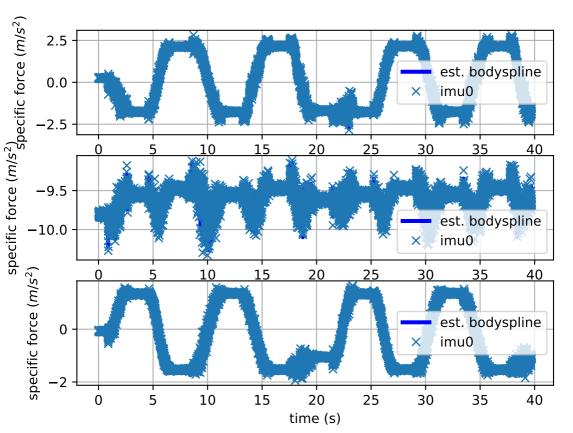
```
Gravity vector in target coords: [m/s^2] [ 9.80409074 -0.21572017 0.04114035]
```

Calibration configuration

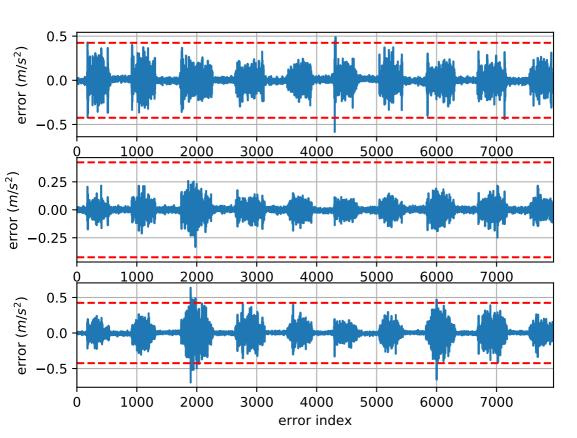
Camera model: pinhole Focal length: [468.906082694885, 468.95979206327786] Principal point: [364.8533346068778, 215.4937445050946] Distortion model: equidistant Distortion coefficients: [0.012245093310874177, -0.06011529683474609, 0.17162762296825532, -0.1534 Type: checkerboard Rows Count: 7 Distance: 0.07 [m] Cols Count: 6 Distance: 0.07 [m] IMU configuration ============= IMU0: Model: calibrated Update rate: 200.0 Accelerometer: Noise density: 0.01 Noise density (discrete): 0.141421356237 Random walk: 0.0002 Gyroscope: Noise density: 0.005 Noise density (discrete): 0.0707106781187 Random walk: 4e-06 Tib [[1. 0. 0. 0.]][0. 1. 0. 0.] [0, 0, 1, 0, 1] $[0. \ 0. \ 0. \ 1.]]$

time offset with respect to IMLIO: 0.0 [s]

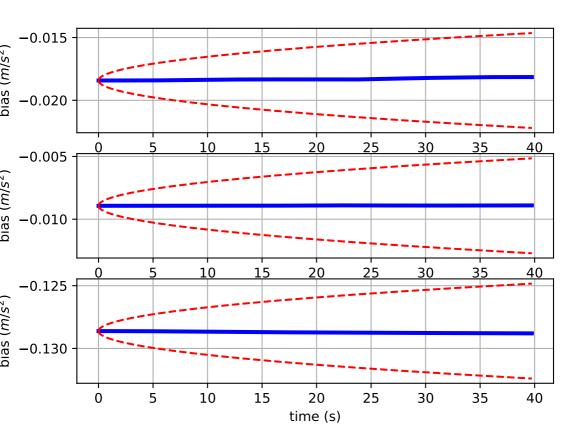
Comparison of predicted and measured specific force (imu0 frame)



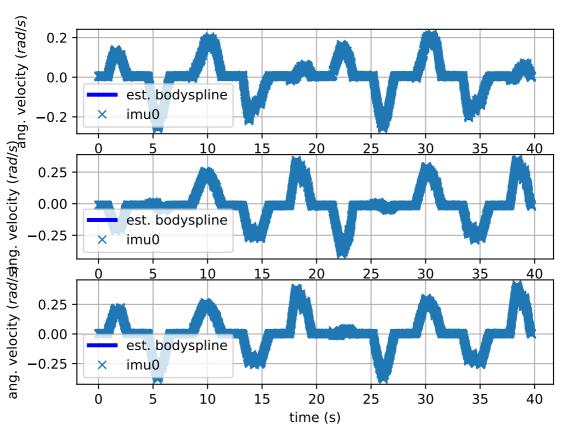
imu0: acceleration error



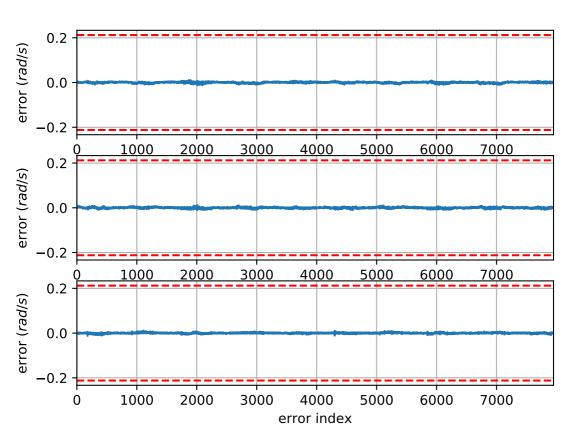
imu0: estimated accelerometer bias (imu frame)



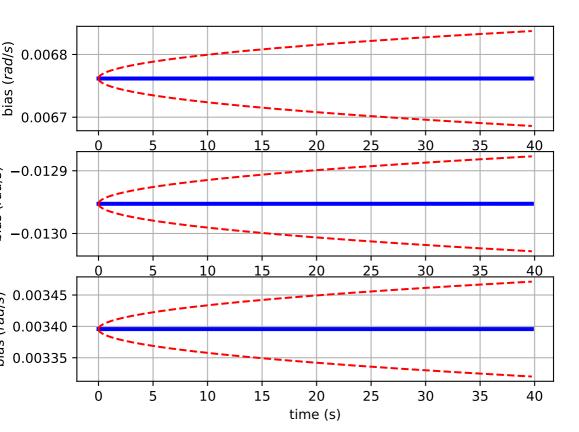
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

