Reprojection error (cam0): mean 0.0466257136967, median 0.0432307506604, std: 0.0249619961511 gyroscope error (imu0): mean 0.0726582123038, median 0.0511712643599, std: 0.0648871539854 Accelerometer error (imu0): mean 1.04360777417, median 0.26596373019, std: 1.65052934004

mean 0.0466257136967, median 0.0432307506604, std: 0.024961996151

```
Residuals
```

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

Gyroscope error (imu0) [rad/s]: mean 0.00513771146289, median 0.00361835480308, std: 0.0045882146804, Median 0.0376129514334, std: 0.2334200977

Transformation (cam0):

```
T_ic: (cam0 to imu0): [[ 0.99996992 -0.00173202 -0.00756019 0.04101131]
```

timeshift cam0 to imu0: [s] ($t_imu = t_cam + shift$) 0.001045951835002167

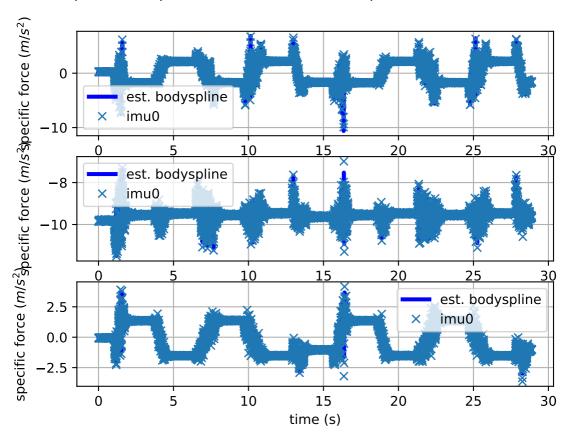
```
Gravity vector in target coords: [m/s^2] [ 9.80446144 -0.19771036 0.04323688]
```

Calibration configuration

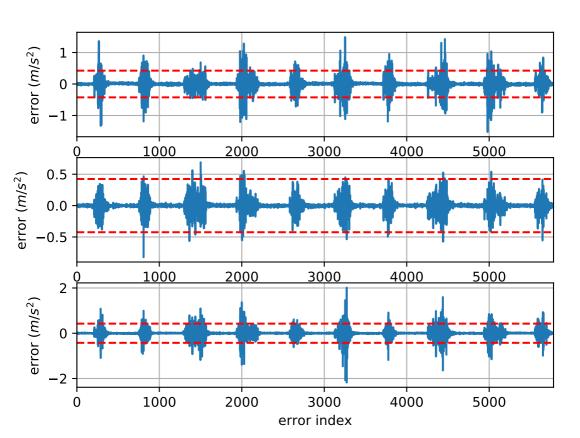
Camera model: pinhole Focal length: [468.2527687453535, 468.3265694180005] Principal point: [364.91196913276707, 215.81303741968622] Distortion model: equidistant Distortion coefficients: [0.011135829319036753, -0.05338166866546771, 0.15329931633590166, -0.1346 Type: checkerboard Rows Count: 7 Distance: 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, 1][0. 1. 0. 0.] [0, 0, 1, 0, 1] $[0. \ 0. \ 0. \ 1.]]$

time offset with respect to IMLIO: 0.0 [s]

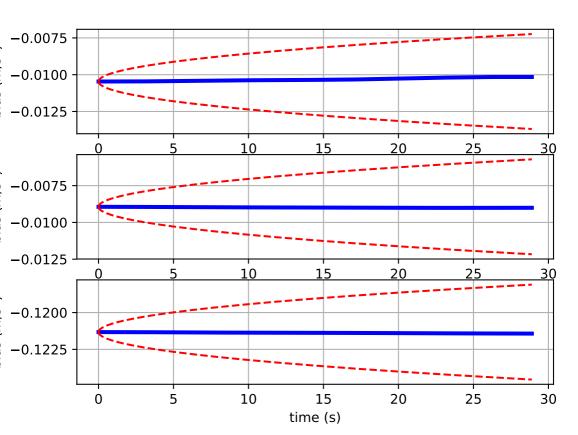
Comparison of predicted and measured specific force (imu0 frame)



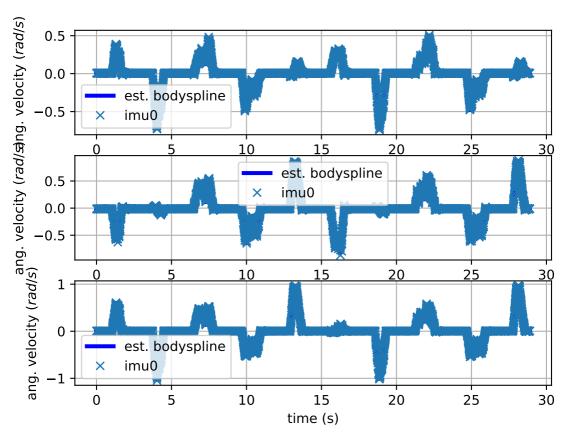
imu0: acceleration error



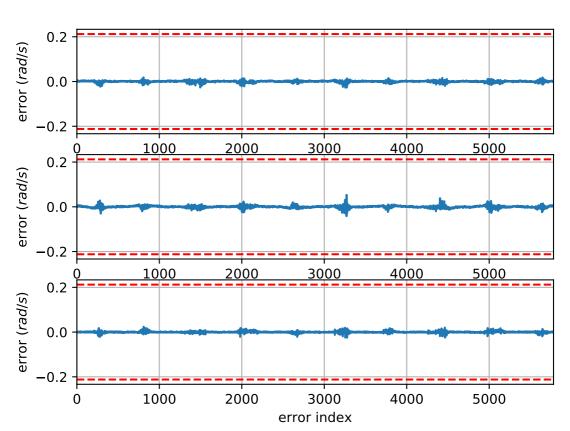
imu0: estimated accelerometer bias (imu frame)



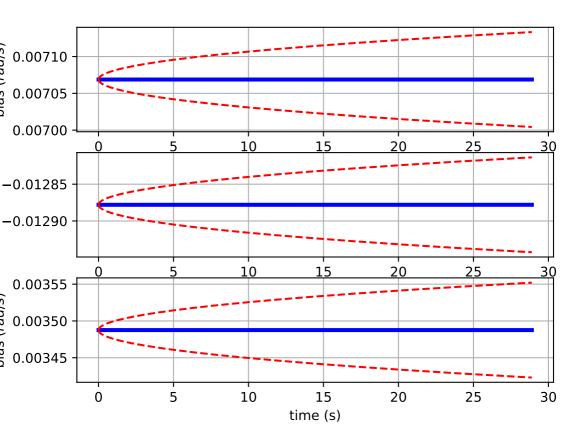
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

