Reprojection error (cam0): mean 0.0891580321126, median 0.0834872426725, std: 0.0467720269586 gyroscope error (imu0): mean 0.809950063093, median 0.783835316361, std: 0.339343528018 Accelerometer error (imu0): mean 17.8545667519, median 17.9226705625, std: 1.1194034636

```
Residuals
```

```
Reprojection error (cam0) [px]: mean 0.0891580321126, median 0.0834872426725, std: 0.046772026958
```

Gyroscope error (imu0) [rad/s]: mean 0.000444259820905, median 0.000429935811025, std: 0.00018613 Accelerometer error (imu0) [m/s^2]: mean 1.01000681803, median 1.01385935134, std: 0.0633230223995

Transformation (cam0):

T ic: (cam0 to imu0):

timeshift cam0 to imu0: [s] ($t_imu = t_cam + shift$) 0.003511059721943004

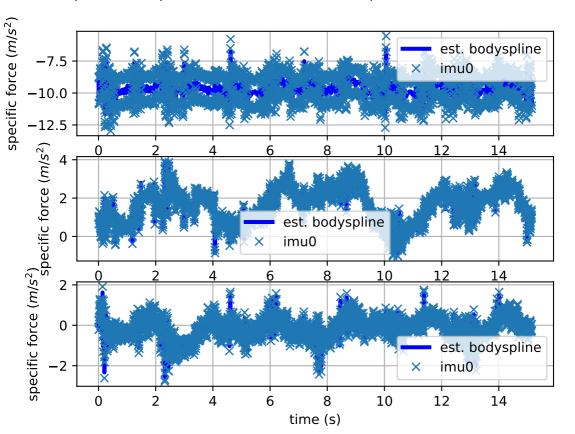
Gravity vector in target coords: [m/s^2] [-0.00508081 9.80651526 -0.02560276]

Calibration configuration

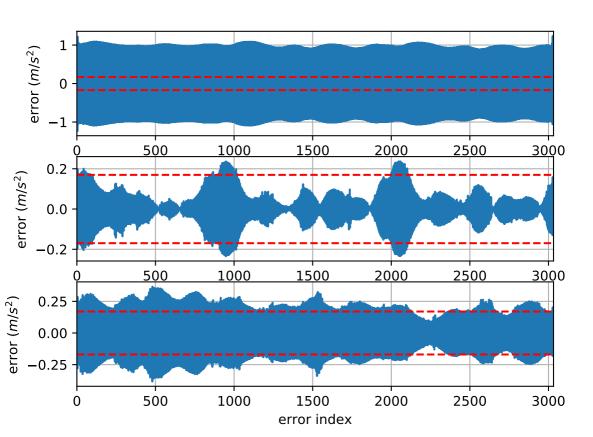
```
Camera model: pinhole
 Focal length: [585.7561, 585.7561]
 Principal point: [320.5, 240.5]
 Distortion model: radtan
 Distortion coefficients: [0.0, 0.0, 0.0, 0.0]
 Type: checkerboard
 Rows
  Count: 6
  Distance: 0.06 [m]
 Cols
  Count: 7
  Distance: 0.06 [m]
IMU configuration
=============
IMU0:
 Model: calibrated
 Update rate: 200.0
 Accelerometer:
  Noise density: 0.004
  Noise density (discrete): 0.0565685424949
  Random walk: 0.006
 Gyroscope:
  Noise density: 3.8785e-05
  Noise density (discrete): 0.000548502730166
  Random walk: 0.0003394
 Tib
  [[1. 0. 0. 0.]]
  [0. 1. 0. 0.]
   [0.0.1.0.]
   [0. \ 0. \ 0. \ 1.]]
```

time offset with respect to IMLIO: 0.0 [s]

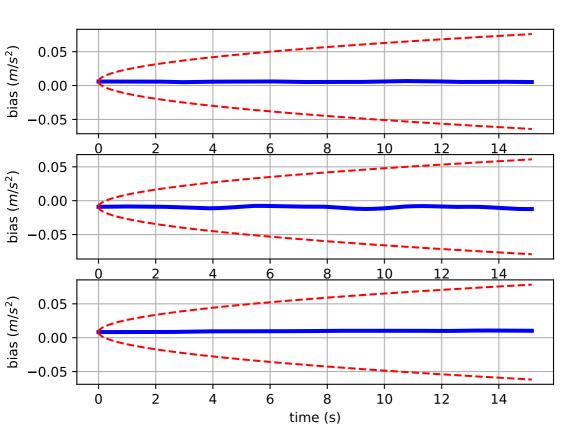
Comparison of predicted and measured specific force (imu0 frame)



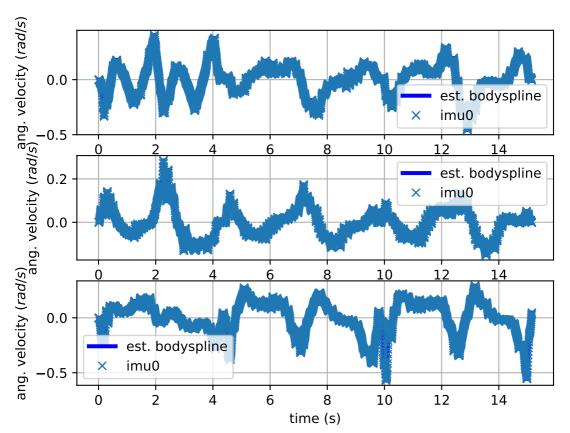
imu0: acceleration error



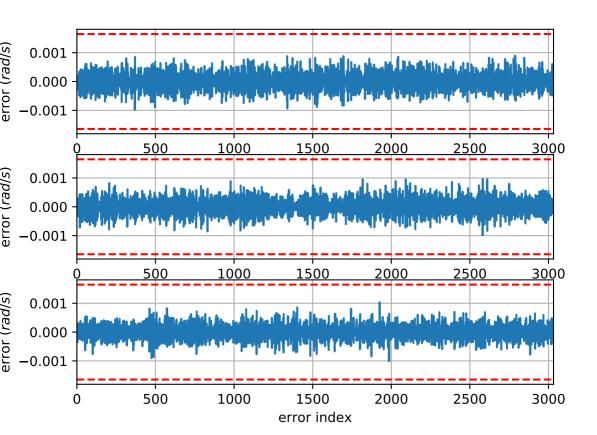
imu0: estimated accelerometer bias (imu frame)



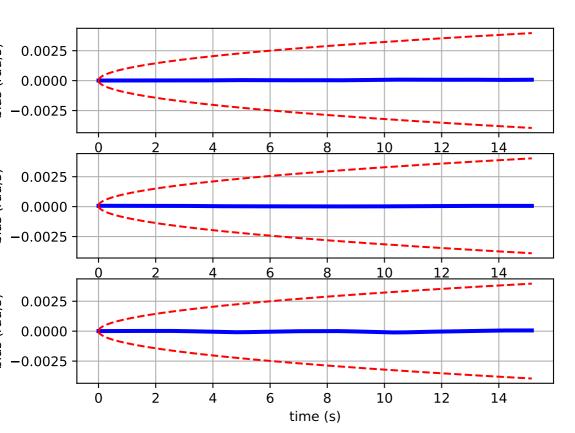
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

