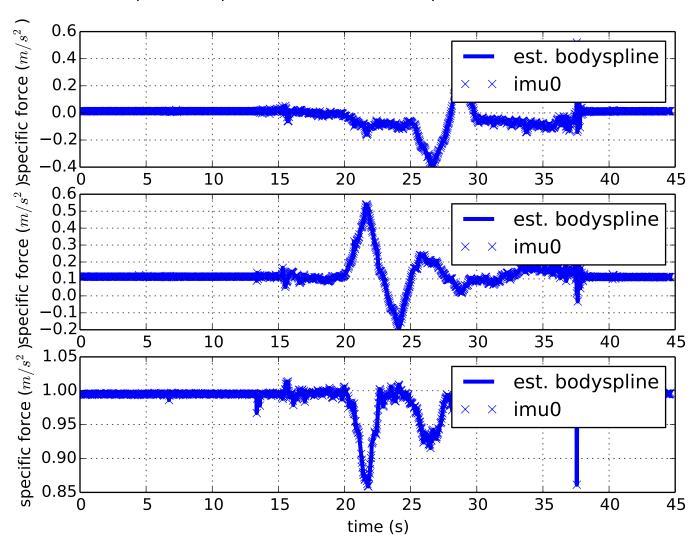
```
Calibration results
______
Normalized Residuals
_____
Reprojection error (cam0):
                          mean 0.296378867808, median 0.300400183818, std: 0.125825116375
Gyroscope error (imu0):
                         mean 0.000150226941885, median 5.737866266e-09, std: 0.00107508126984
Accelerometer error (imu0): mean 0.000290798184902, median 0.000290977738416, std: 1.37367337355e-06
Residuals
Reprojection error (cam0) [px]:
                              mean 0.296378867808, median 0.300400183818, std: 0.125825116375
Gyroscope error (imu0) [rad/s]:
                              mean 3.07965230864e-06, median 1.17626258453e-10, std: 2.20391660318e-05
Accelerometer error (imu0) [m/s^2]: mean 9.30554191687e-07, median 9.31128762933e-07, std: 4.39575479536e-09
Transformation (cam0):
T ci: (imu0 to cam0):
[[-0.01767743 -0.99954898 0.0242765 -0.00004166]
[-0.03723893 -0.02360525 -0.99902755 -0.0001557 ]
[ 0.99915002 -0.01856427 -0.03680485 -0.00011613]
١٥.
         0.
                0.
                     1.
T ic: (cam0 to imu0):
[[-0.01767743 -0.03723893 0.99915002 0.0001095 ]
[-0.99954898 -0.02360525 -0.01856427 -0.00004748]
[ 0.0242765 -0.99902755 -0.03680485 -0.00015881]
10.
         0.
                0.
                       1.
timeshift cam0 to imu0: [s] (t imu = t cam + shift)
0.0
Gravity vector in target coords: [m/s^2]
[-0.06678613 -9.80632116 -0.00526861]
Calibration configuration
   =================
```

cam0

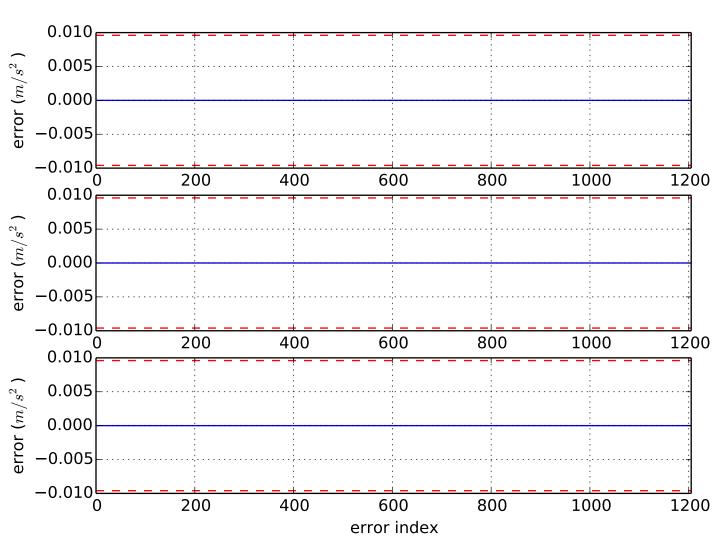
```
----
 Camera model: omni
 Focal length: [411.4184, 412.0773]
 Principal point: [161.415, 101.9626]
 Omni xi: 3.282446
 Distortion model: radtan
 Distortion coefficients: [0.8560437616, 17.43165613, 0.0, 0.0]
 Type: aprilgrid
 Tags:
  Rows: 6
  Cols: 6
  Size: 0.03 [m]
  Spacing 0.00999 [m]
IMU configuration
IMU0:
-----
 Model: calibrated
 Update rate: 25
 Accelerometer:
  Noise density: 0.00064
  Noise density (discrete): 0.0032
  Random walk: 8.86e-07
 Gyroscope:
  Noise density: 0.0041
  Noise density (discrete): 0.0205
  Random walk: 5.7e-07
 Tib
  [1. 0. 0. 0.]
  [0. 1. 0. 0.]
  [0. 0. 1. 0.]
  [0. 0. 0. 1.]]
```

time offset with respect to IMU0: 0.0 [s]

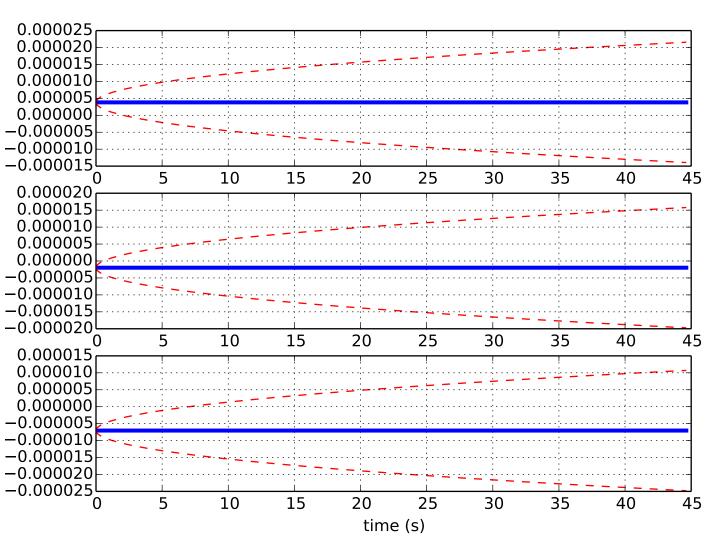
Comparison of predicted and measured specific force (imu0 frame)

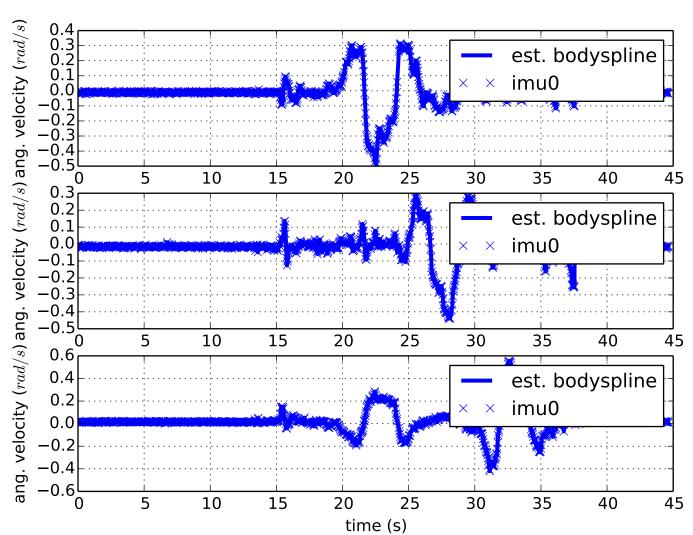


imu0: acceleration error

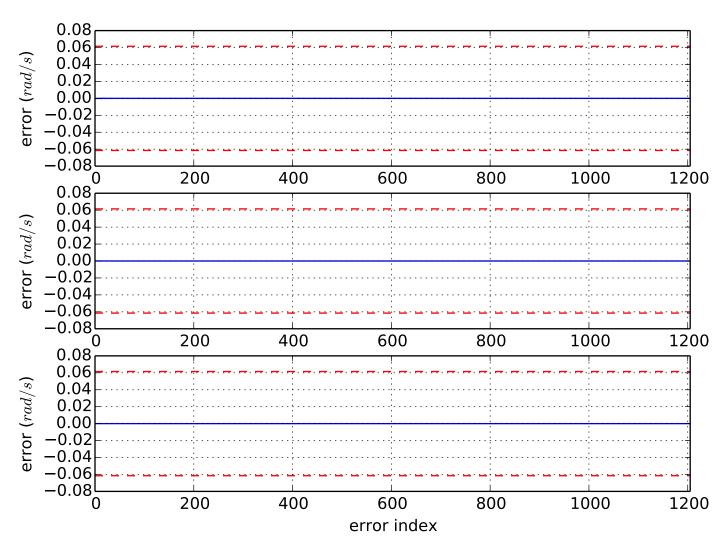


imu0: estimated accelerometer bias (imu frame)

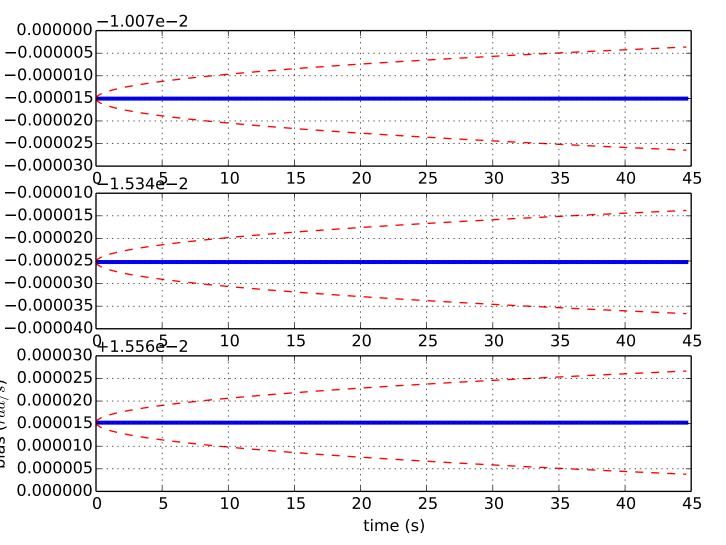




imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

