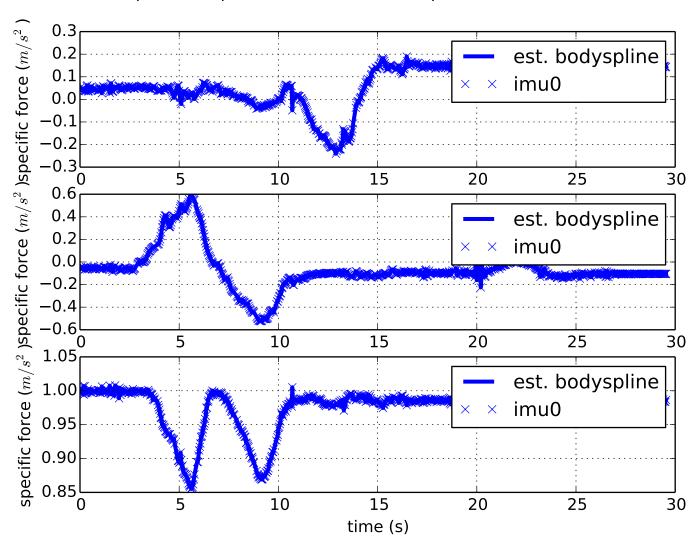
```
Calibration results
______
Normalized Residuals
_____
Reprojection error (cam0):
                         mean 0.280122652216, median 0.238671450012, std: 0.210017490943
Gyroscope error (imu0):
                        mean 0.00019728021872, median 1.98889613973e-08, std: 0.00118281292589
Accelerometer error (imu0): mean 0.000270539858494, median 0.000270614375881, std: 7.88402611826e-07
Residuals
Reprojection error (cam0) [px]:
                            mean 0.280122652216, median 0.238671450012, std: 0.210017490943
Gyroscope error (imu0) [rad/s]:
                             mean 4.04424448376e-06, median 4.07723708646e-10, std: 2.42476649807e-05
Accelerometer error (imu0) [m/s^2]: mean 8.65727547181e-07, median 8.65966002818e-07, std: 2.52288835784e-09
Transformation (cam0):
T ci: (imu0 to cam0):
[[0.00811713 -0.99906913 0.04236737 0.00057117]
[-0.1064118 -0.04299119 -0.99339231 0.00026136]
[ 0.99428901  0.00355511 -0.10666171  0.00006829]
١٥.
        0.
               0.
                      1.
T ic: (cam0 to imu0):
[-0.99906913 -0.04299119 0.00355511 0.00058163]
[ 0.04236737 -0.99339231 -0.10666171  0.00024272]
10.
        0.
               0.
                     1.
                            11
timeshift cam0 to imu0: [s] (t imu = t cam + shift)
0.0
Gravity vector in target coords: [m/s^2]
[-0.84792693 -9.75848255 -0.4705966 ]
Calibration configuration
   =================
```

cam0

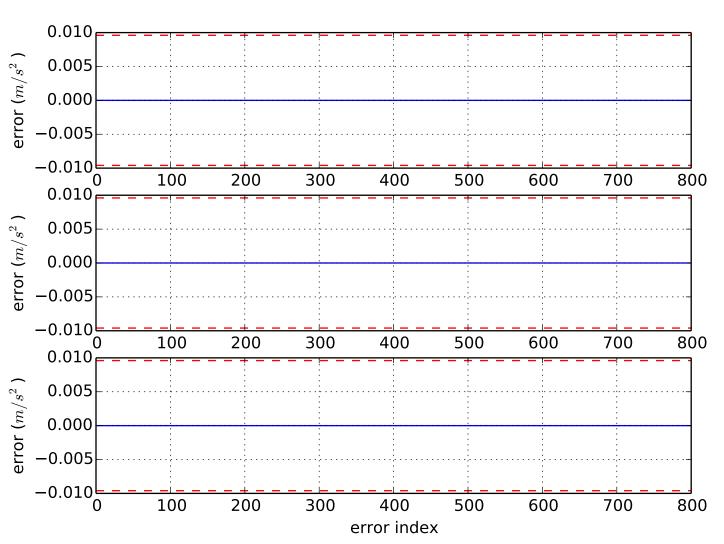
```
----
 Camera model: omni
 Focal length: [149.781, 149.6935]
 Principal point: [160.0177, 115.0287]
 Omni xi: 0.8731
 Distortion model: radtan
 Distortion coefficients: [-0.0578, 0.0052, -0.00030508, 7.2296e-05]
 Type: aprilgrid
 Tags:
  Rows: 6
  Cols: 6
  Size: 0.067 [m]
  Spacing 0.0199995 [m]
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]

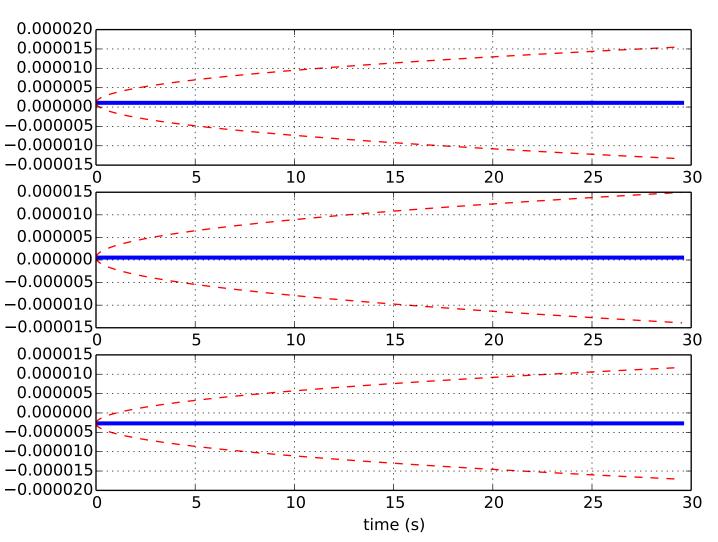
Comparison of predicted and measured specific force (imu0 frame)



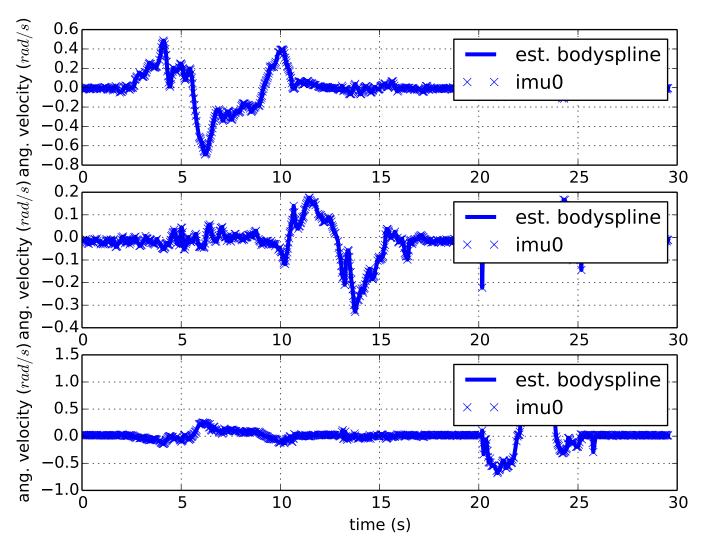
imu0: acceleration error



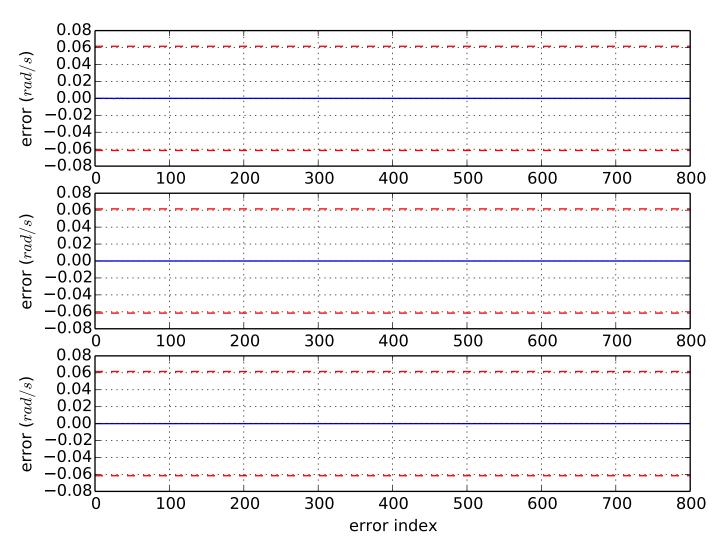
imu0: estimated accelerometer bias (imu frame)



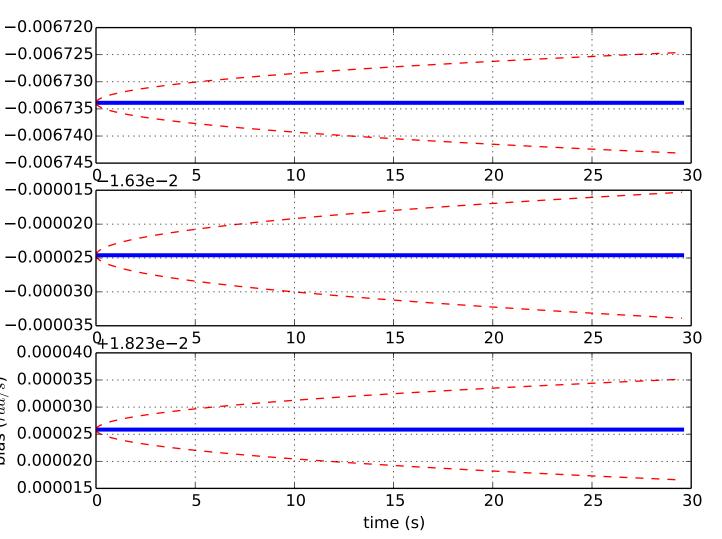
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

