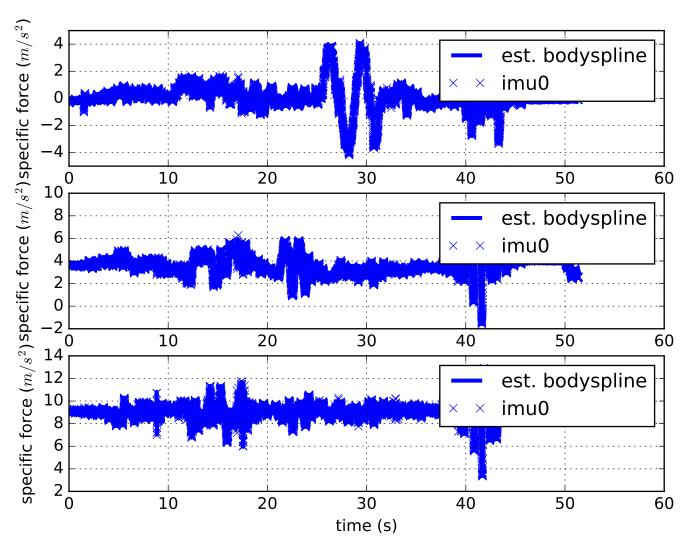
```
Calibration results
______
Normalized Residuals
_____
Reprojection error (cam0):
                         mean 0.134219954494, median 0.12829689393, std: 0.0660671840205
Gyroscope error (imu0):
                         mean 0.0952240528817, median 0.0676565057239, std: 0.0860682433406
Accelerometer error (imu0): mean 0.378146671905, median 0.214663397307, std: 0.514532565958
Residuals
Reprojection error (cam0) [px]:
                             mean 0.134219954494, median 0.12829689393, std: 0.0660671840205
Gyroscope error (imu0) [rad/s]:
                              mean 0.00673335735247, median 0.00478403739888, std: 0.00608594385109
Accelerometer error (imu0) [m/s^2]: mean 0.0534780151975, median 0.0303579887817, std: 0.072765893306
Transformation (cam0):
T ci: (imu0 to cam0):
[[-0.99992106 0.00737756 0.01017094 0.04596007]
[-0.01243936 -0.69538091 -0.71853368 -0.03925586]
[ 0.00177165 -0.71860348  0.69541779 -0.04599319]
١٥.
         0.
                0.
                     1.
T ic: (cam0 to imu0):
[[-0.99992106 -0.01243936 0.00177165 0.04554961]
[ 0.00737756 -0.69538091 -0.71860348 -0.06068771]
[ 0.01017094 -0.71853368  0.69541779  0.00331037]
10.
         0.
                0.
                      1.
timeshift cam0 to imu0: [s] (t imu = t cam + shift)
0.0040597491644
Gravity vector in target coords: [m/s^2]
[-0.03104273 -9.61162657 -1.94527475]
Calibration configuration
   ================
```

cam0

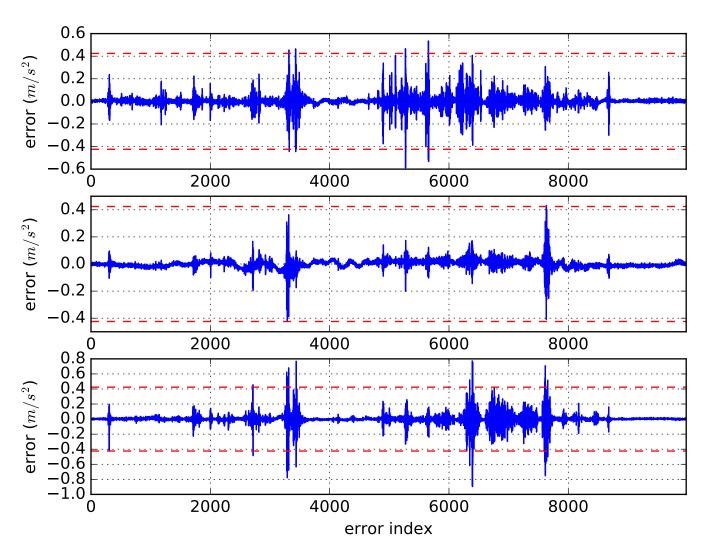
```
Camera model: pinhole
 Focal length: [695.8014423211335, 703.2550985209633]
 Principal point: [405.71108272944616, 248.97501513134145]
 Distortion model: equidistant
 Distortion coefficients: [0.4431184118668466, 1.228503777075885, -10.007688137460061, 19.32555855139353]
 Type: aprilgrid
 Tags:
  Rows: 6
  Cols: 6
  Size: 0.083 [m]
  Spacing 0.0249 [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]
```

[ 0. 1. 0. 0.] [ 0. 0. 1. 0.] [ 0. 0. 0. 1.]]

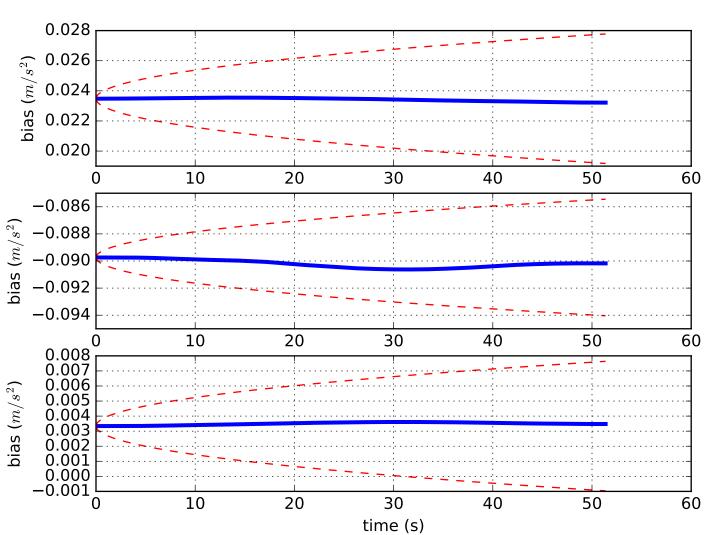
time offset with respect to IMU0: 0.0 [s]



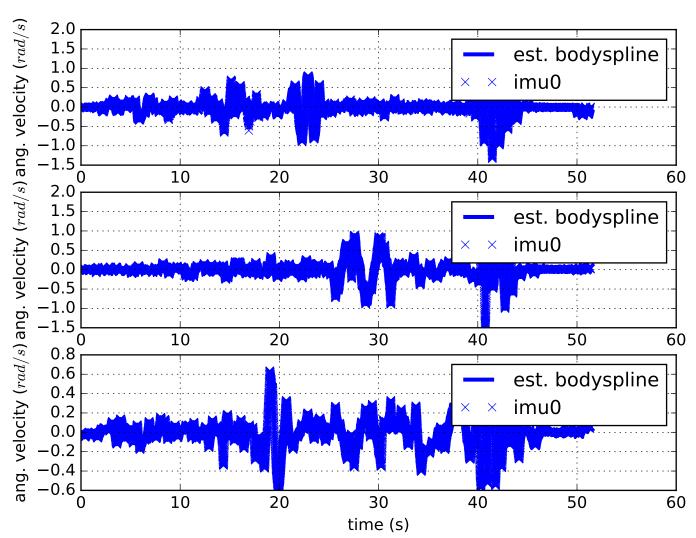
imu0: acceleration error



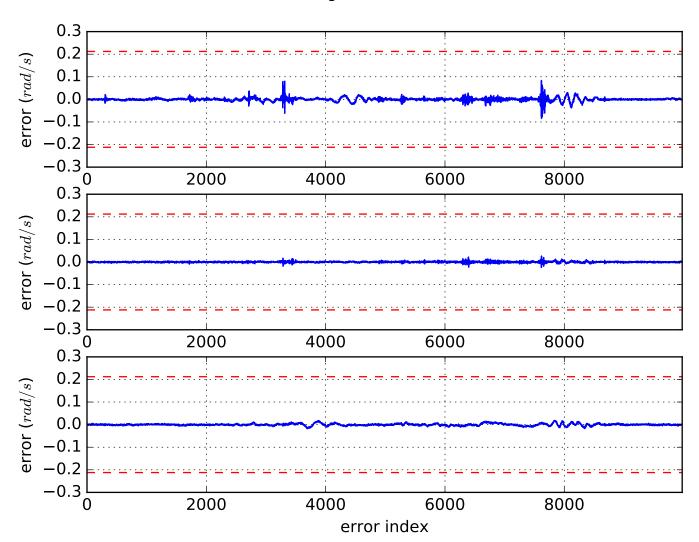
imu0: estimated accelerometer bias (imu frame)



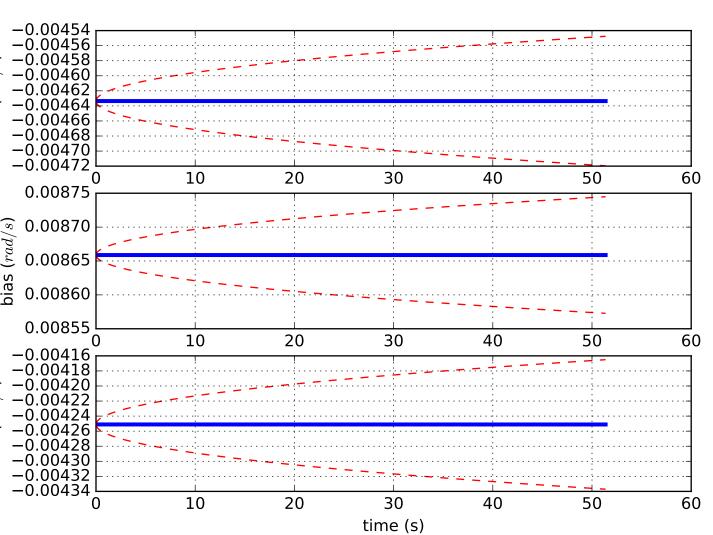
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

