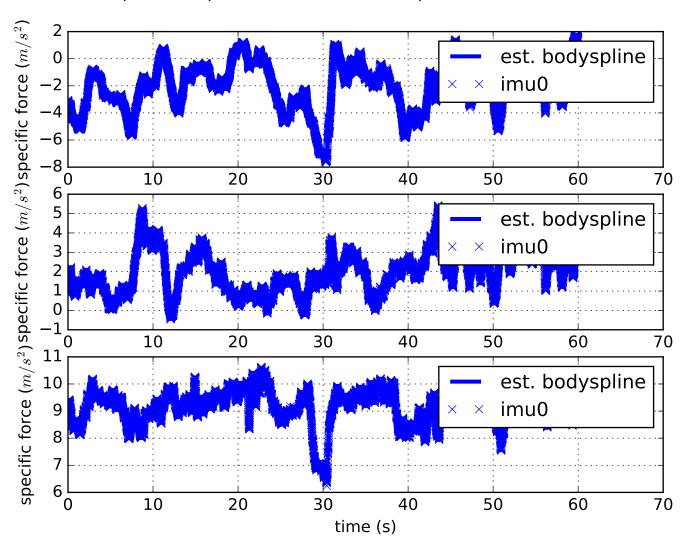
```
Calibration results
______
Normalized Residuals
_____
Reprojection error (cam0):
                         mean 0.205883910036, median 0.183535586948, std: 0.131210272448
Gyroscope error (imu0):
                         mean 0.21785136027, median 0.194590480179, std: 0.122608298945
Accelerometer error (imu0): mean 0.355485912787, median 0.315151968505, std: 0.21288057227
Residuals
Reprojection error (cam0) [px]:
                             mean 0.205883910036, median 0.183535586948, std: 0.131210272448
Gyroscope error (imu0) [rad/s]:
                             mean 0.0154044174137, median 0.0137596248089, std: 0.00866971596135
Accelerometer error (imu0) [m/s^2]: mean 0.0502732999096, median 0.0445692188068, std: 0.030105859247
Transformation (cam0):
T ci: (imu0 to cam0):
[[-0.5576586 -0.8300635 0.00338633 0.02583028]
[-0.005692 -0.0002555 -0.99998377 0.14543357]
[ 0.8300509 -0.55766882 -0.00458224 -0.09803832]
١٥.
                     1.
         0.
                0.
                             11
T ic: (cam0 to imu0):
[[-0.5576586 -0.005692 0.8300509 0.09660908]
[-0.8300635 -0.0002555 -0.55766882 -0.03319498]
[ 0.00338633 -0.99998377 -0.00458224  0.14489451]
                     1. 11
١٥.
         0.
                0.
timeshift cam0 to imu0: [s] (t imu = t cam + shift)
0.00306532906625
Gravity vector in target coords: [m/s^2]
[-8.8000326 0.07064197 -4.3269919 ]
Calibration configuration
   ================
```

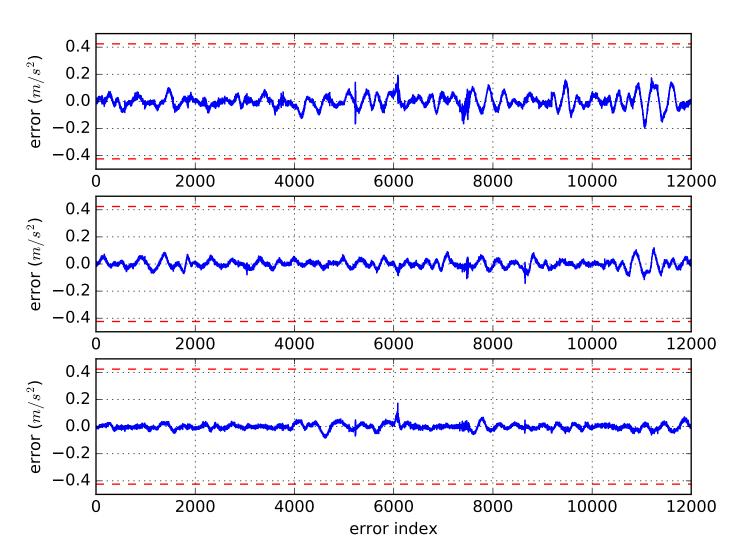
cam0

Camera model: pinhole Focal length: [446.98213557239376, 446.67341614787443] Principal point: [458.8195730864283, 639.0750099397338] Distortion model: radtan Distortion coefficients: [0.002171665342519156, 0.005702611250953197, 0.0004528481361054936, -0.007315616560140325] Type: checkerboard Rows Count: 7 Distance: 0.06 [m] Cols Count: 6 Distance: 0.06 [m] IMU configuration IMU0: -----Model: calibrated Update rate: 200.0 Accelerometer: Noise density: 0.01 Noise density (discrete): 0.141421356237

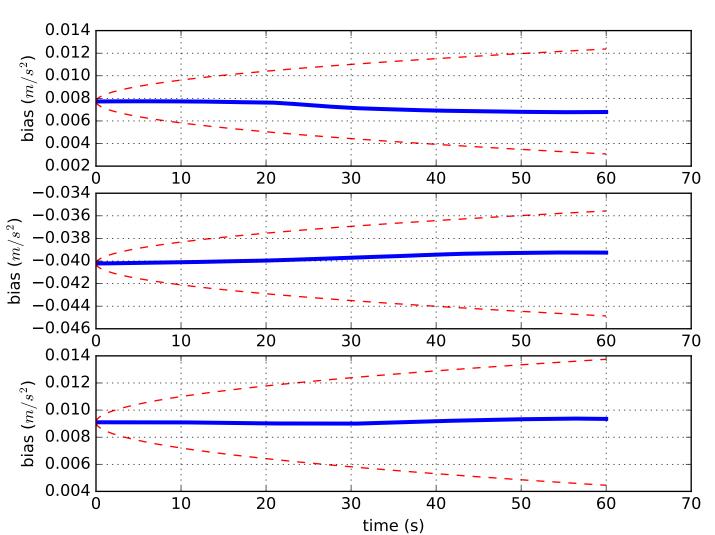
Random walk: 0.0002 Gyroscope: Noise density: 0.005 Noise density (discrete): 0.0707106781187 Random walk: 4e-06 Tib [1. 0. 0. 0.][0. 1. 0. 0.] [0. 0. 1. 0.] [0. 0. 0. 1.]] time offset with respect to IMU0: 0.0 [s]



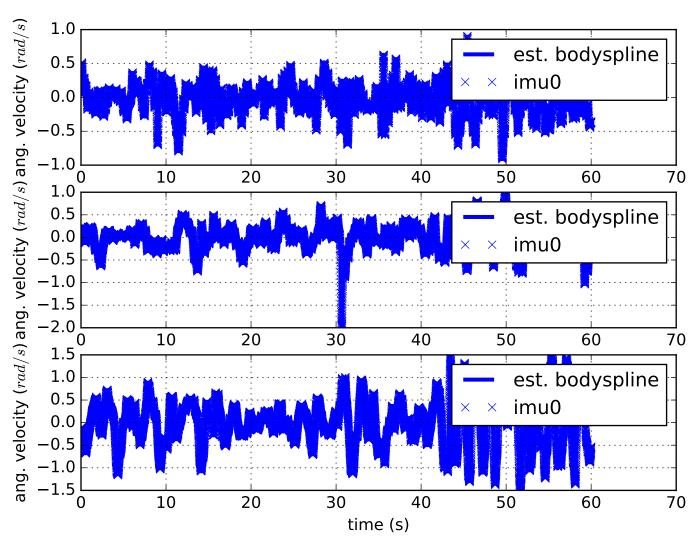
imu0: acceleration error



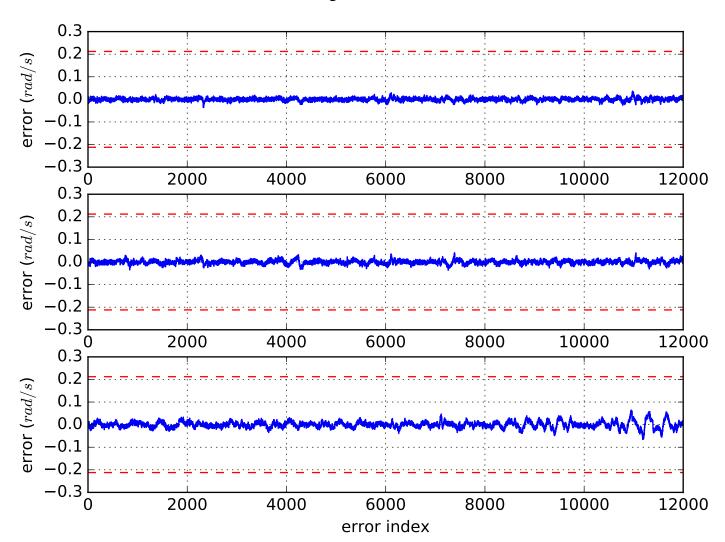
imu0: estimated accelerometer bias (imu frame)



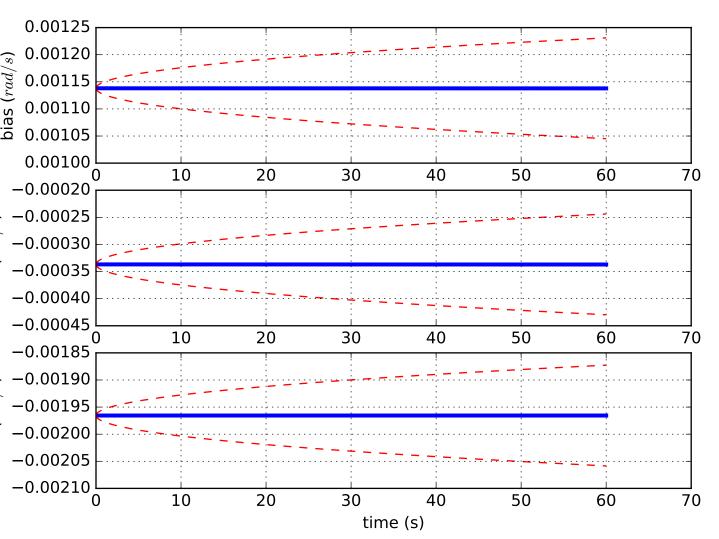
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

