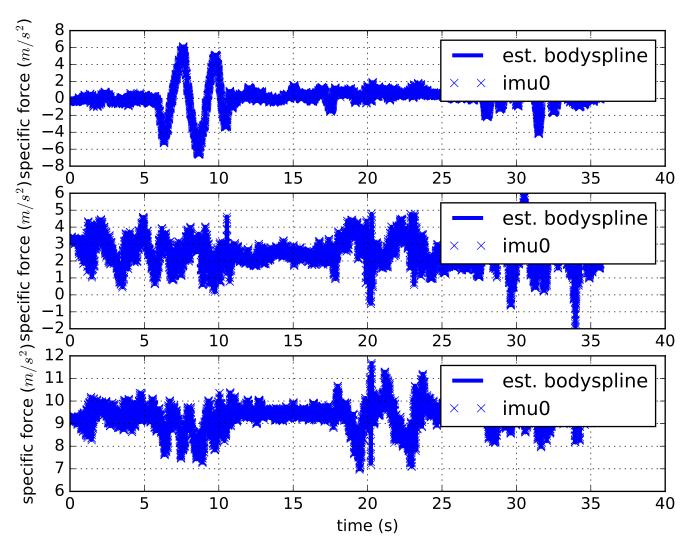
```
Calibration results
______
Normalized Residuals
_____
Reprojection error (cam0):
                         mean 0.182005538766, median 0.160849047852, std: 0.111473888172
Gyroscope error (imu0):
                         mean 0.0649933458209, median 0.058145561027, std: 0.0383692648252
Accelerometer error (imu0): mean 0.163167930075, median 0.134795292601, std: 0.11790953495
Residuals
Reprojection error (cam0) [px]:
                              mean 0.182005538766, median 0.160849047852, std: 0.111473888172
Gyroscope error (imu0) [rad/s]:
                              mean 0.0045957235562, median 0.00411151204981, std: 0.00271311673471
Accelerometer error (imu0) [m/s^2]: mean 0.0230754299656, median 0.0190629330941, std: 0.0166749263459
Transformation (cam0):
T ci: (imu0 to cam0):
[[-0.99977624 -0.01193635 0.01746424 0.05445671]
[-0.01735368 -0.00930377 -0.99980613 -0.02371471]
[ 0.01209652 -0.99988548  0.00909455 -0.03267106]
10.
         0.
                0.
                     1.
T ic: (cam0 to imu0):
[[-0.99977624 -0.01735368 0.01209652 0.05442819]
[-0.01193635 -0.00930377 -0.99988548 -0.03223794]
[ 0.01746424 -0.99980613  0.00909455 -0.02436403]
                      1. 11
10.
         0.
                0.
timeshift cam0 to imu0: [s] (t imu = t cam + shift)
0.00434952115664
Gravity vector in target coords: [m/s^2]
[-0.00695021 -9.79491016 -0.47760809]
Calibration configuration
   ================
```

cam0

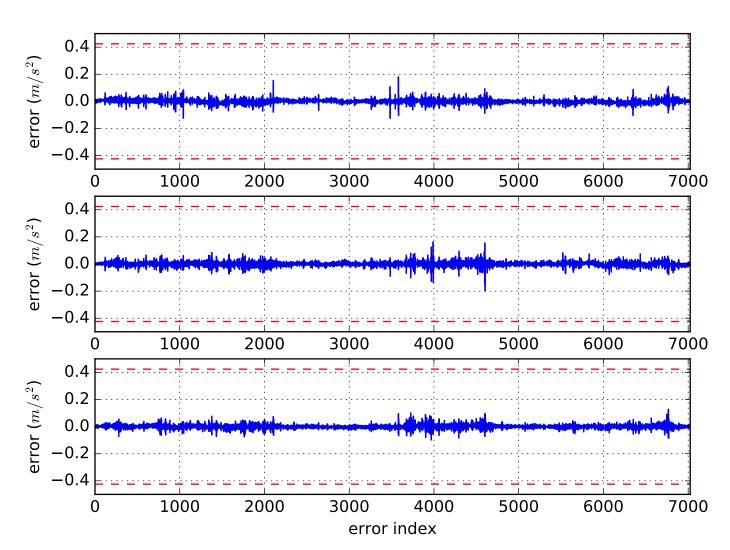
Camera model: pinhole Focal length: [708.7250276090394, 707.5720928291857] Principal point: [377.1496498296681, 231.4704438084926] Distortion model: equidistant Distortion coefficients: [0.480014413538239, 0.3641160926609374, -4.890797341610791, 9.512675222287179] Type: aprilgrid Tags: Rows: 6 Cols: 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. 1. 0. 0.] [0. 0. 1. 0.] [0. 0. 0. 1.]]

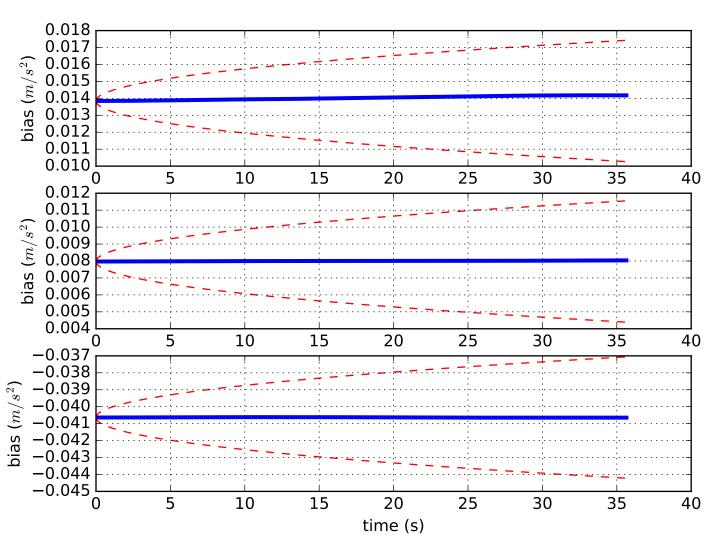
time offset with respect to IMU0: 0.0 [s]



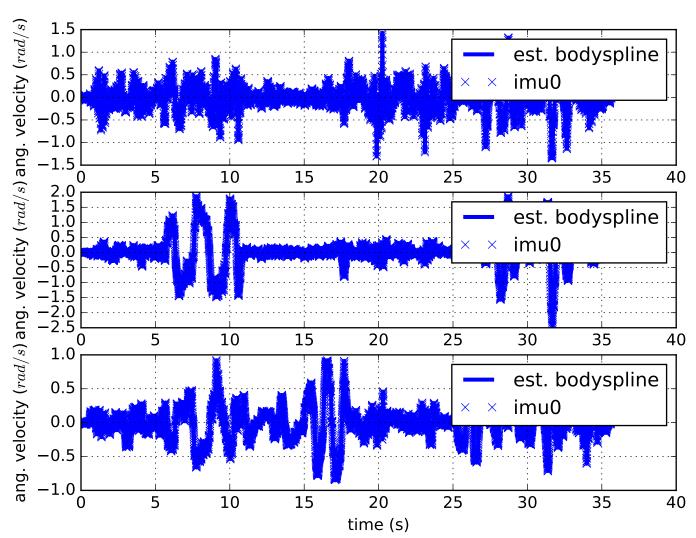
imu0: acceleration error



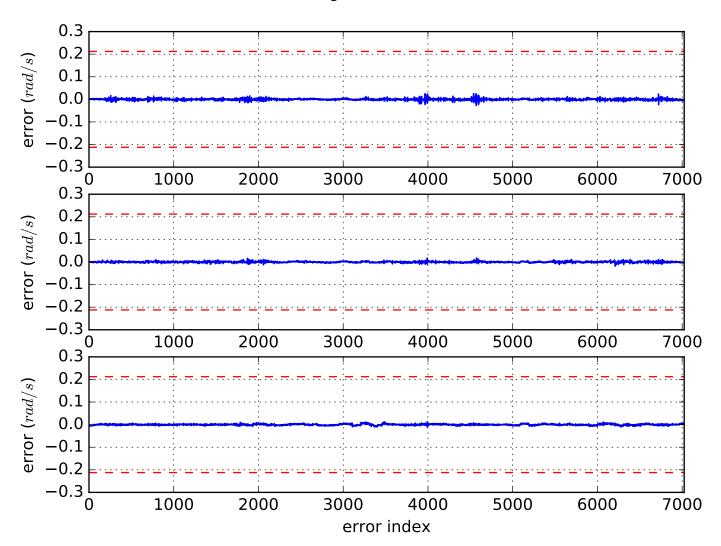
imu0: estimated accelerometer bias (imu frame)



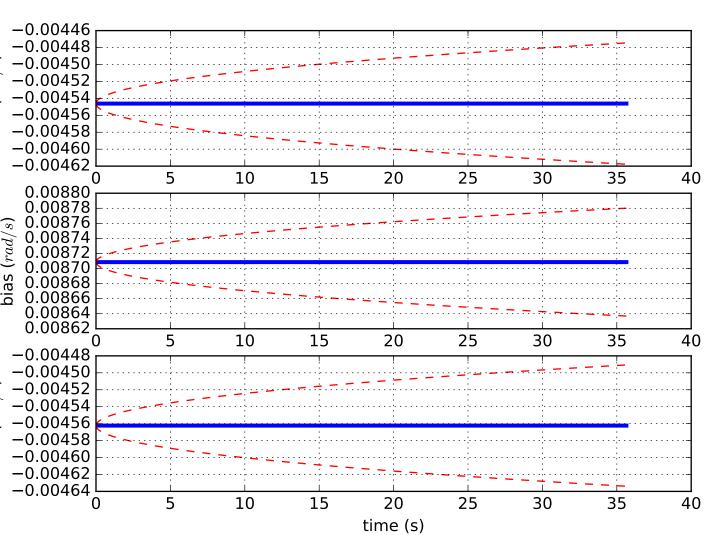
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

