Reprojection error (cam0): mean 0.448904022876, median 0.318087524674, std: 0.414112834308 Gyroscope error (imu0): mean 1.34299294479, median 1.1973707844, std: 0.998970030357 Accelerometer error (imu0): mean 4.70153549989, median 3.54687350315, std: 3.55084690564

```
Residuals
```

Reprojection error (cam0) [px]:

Gyroscope error (imu0) [rad/s]: mean 0.0949639418346, median 0.0846669001246, std: 0.070637848266 Accelerometer error (imu0) [m/s^2]: mean 0.664897526792, median 0.501603661218, std: 0.50216558518

mean 0.448904022876, median 0.318087524674, std: 0.414112834308

Transformation (cam0):

timeshift cam0 to imu0: [s] ($t_imu = t_cam + shift$) 0.0006756106534462393

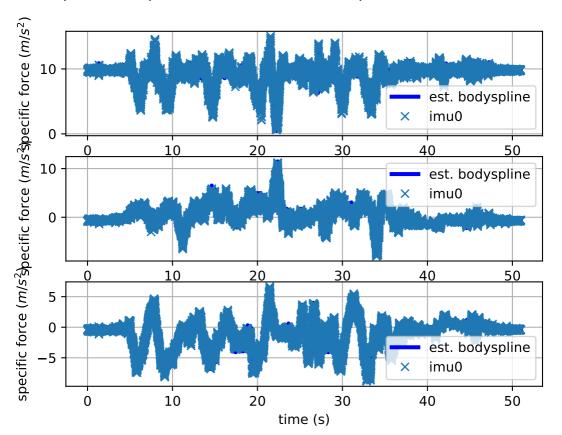
Gravity vector in target coords: [m/s^2] [-0.08225096 8.29435031 -5.23119591]

Calibration configuration

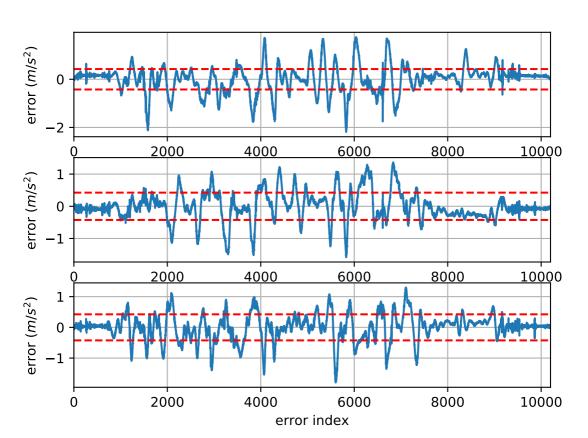
Camera model: pinhole Focal length: [461.7947310011125, 460.24678913375317] Principal point: [359.8335340985467, 233.72090134082393] Distortion model: equidistant Distortion coefficients: [0.0023809655849981798, 0.000379091478428235, 0.0018750627605088345, 0.0 Type: aprilgrid Tags: Rows: 6 Cols: 6 Size: 0.02 [m] Spacing 0.006 [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, 1][0. 1. 0. 0.] [0, 0, 1, 0, 1][0. 0. 0. 1.]]

time offset with respect to IMU0: 0.0 [s]

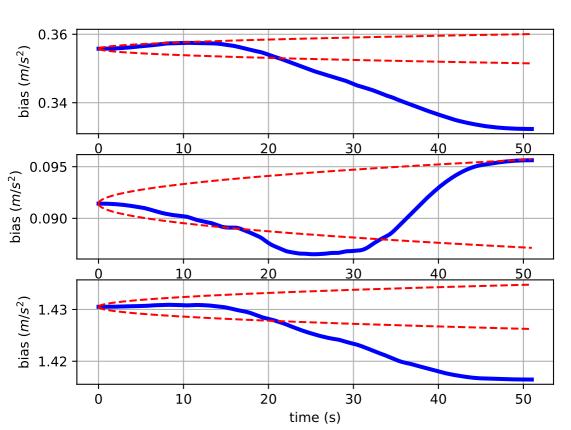
Comparison of predicted and measured specific force (imu0 frame)



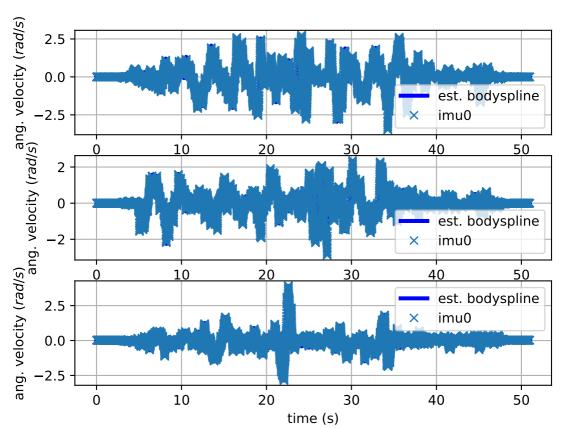
imu0: acceleration error



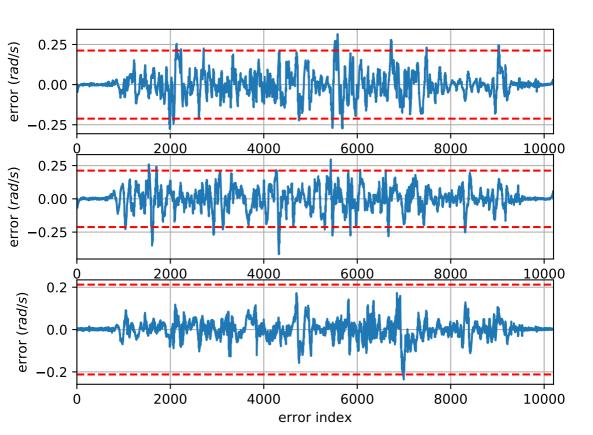
imu0: estimated accelerometer bias (imu frame)



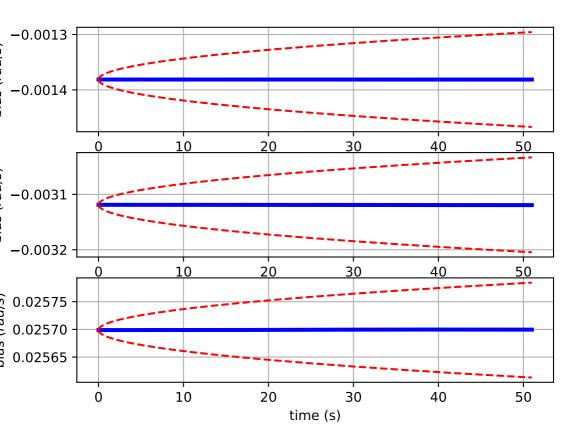
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

