Calibration results Normalized Residuals _____ Reprojection error (cam0): mean 0.4483728991064746. median 0.3976017138452027. std: 0.2905578050514849 Gyroscope error (imu0): mean 1.3566153128813818. median 0.8449677623646323. std: 2.2353607946245586 Accelerometer error (imu0): mean 0.46093685720197436, median 0.2730757042248719, std: 0.7471085519144902 Residuals Reprojection error (cam0) [px]: mean 0.4483728991064746, median 0.3976017138452027, std: 0.2905578050514849 Gyroscope error (imu0) [rad/s]: mean 0.008767773138925182, median 0.005461006948523301, std: 0.01444708470029583 Accelerometer error (imu0) [m/s^2]: mean 0.06517472884950178, median 0.038611872103870765, std: 0.10563832449361843 Transformation (cam0): T ci: (imu0 to cam0): [[0.99999713 -0.00184825 0.00152767 -0.03684342] 0.00184888 0.99999821 -0.00041069 -0.002999891 [-0.00152691 0.00041351 0.99999875 -0.03509502] ١٥. 0. 0 1. -11 T ic: (cam0 to imu0): [[0.99999713 0.00184888 -0.00152691 0.03679528] [-0.00184825 0.99999821 0.00041351 0.0029463] [0.00152767 -0.00041069 0.99999875 0.03515003] ١٥. 0. 1. Ο.

timeshift cam0 to imu0: [s] ($t_imu = t_cam + shift$) 0.00017127300362964996

Gravity vector in target coords: [m/s^2] [-0.17808416 -9.80314146 -0.18742031]

IMU configuration

============

IMU0:

Model: calibrated Update rate: 200.0 Accelerometer:

Noise density: 0.009998222535561607

Noise density (discrete): 0.1413962190941554 Random walk: 0.0010572240682889056

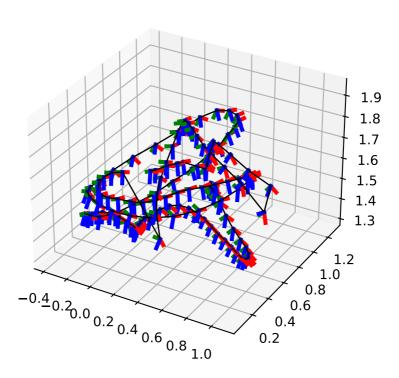
Gyroscope:

Noise density: 0.00045700146412701916

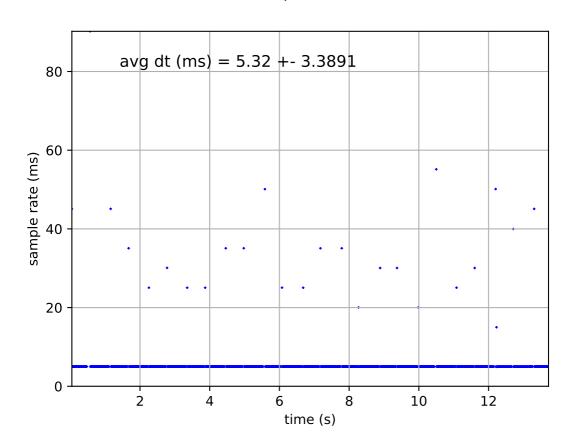
Noise density (discrete): 0.00646297668592792

```
Random walk: 2.672307981517485e-06 T_ib (imu0 to imu0) [[1. 0. 0. 0.] [0. 1. 0. 0.] [0. 0. 1. 0.] [0. 0. 1. 0.] [1. 0. 0. 0. 1.] [1. 0. 0. 0. 1.] time offset with respect to IMU0: 0.0 = 1.00
```

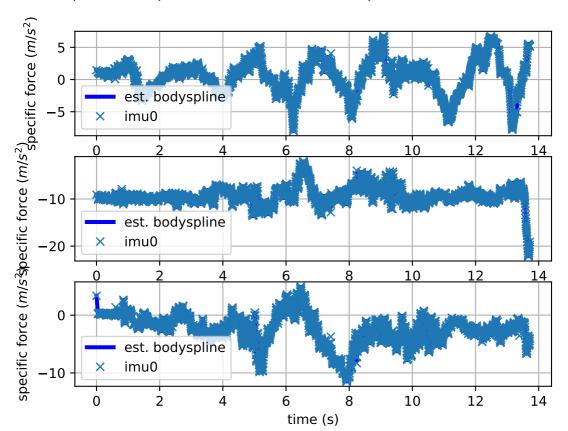
imu0: estimated poses



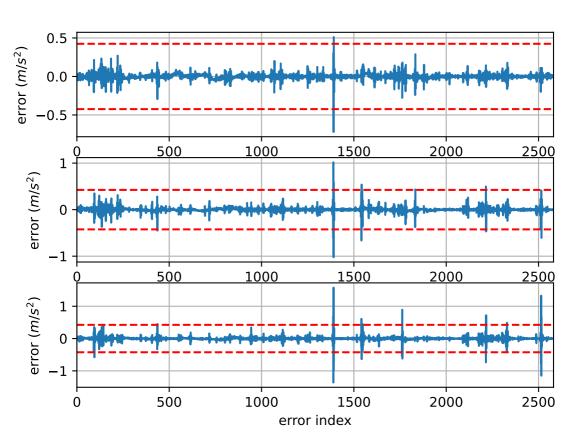
imu0: sample inertial rate



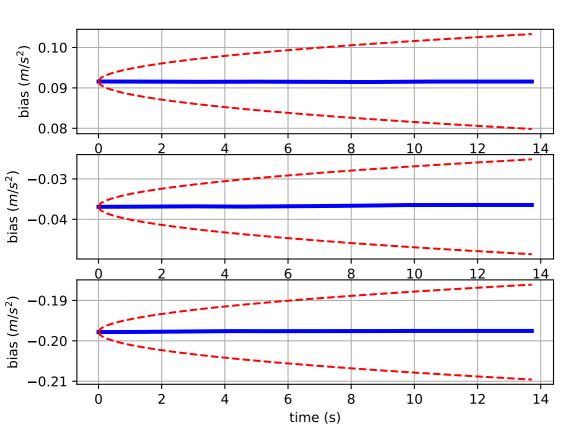
Comparison of predicted and measured specific force (imu0 frame)



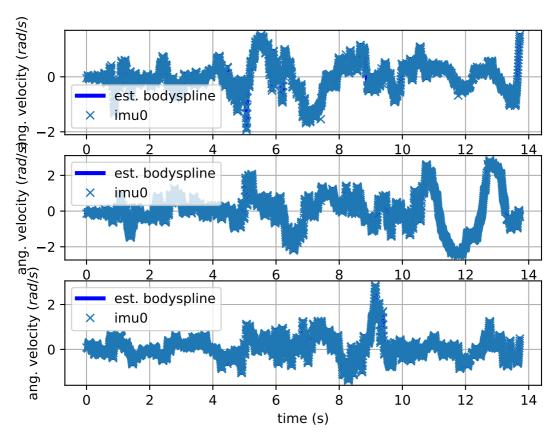
imu0: acceleration error



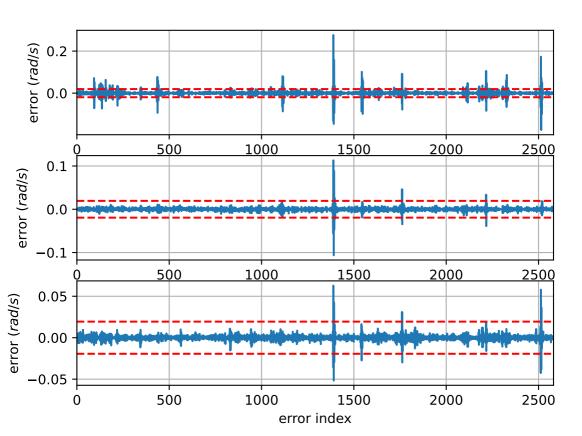
imu0: estimated accelerometer bias (imu frame)



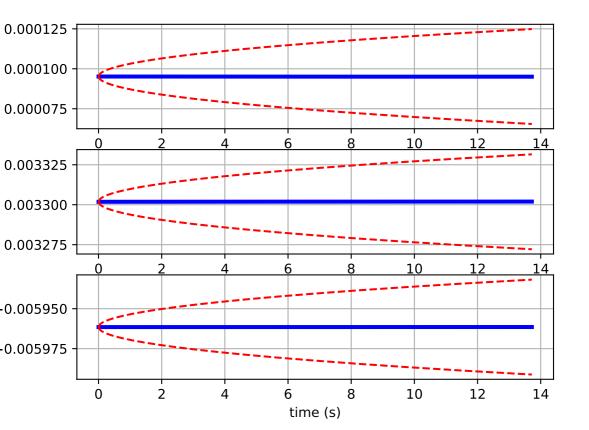
Comparison of predicted and measured angular velocities (body frame)



imu0: angular velocities error



imu0: estimated gyro bias (imu frame)



cam0: reprojection errors

