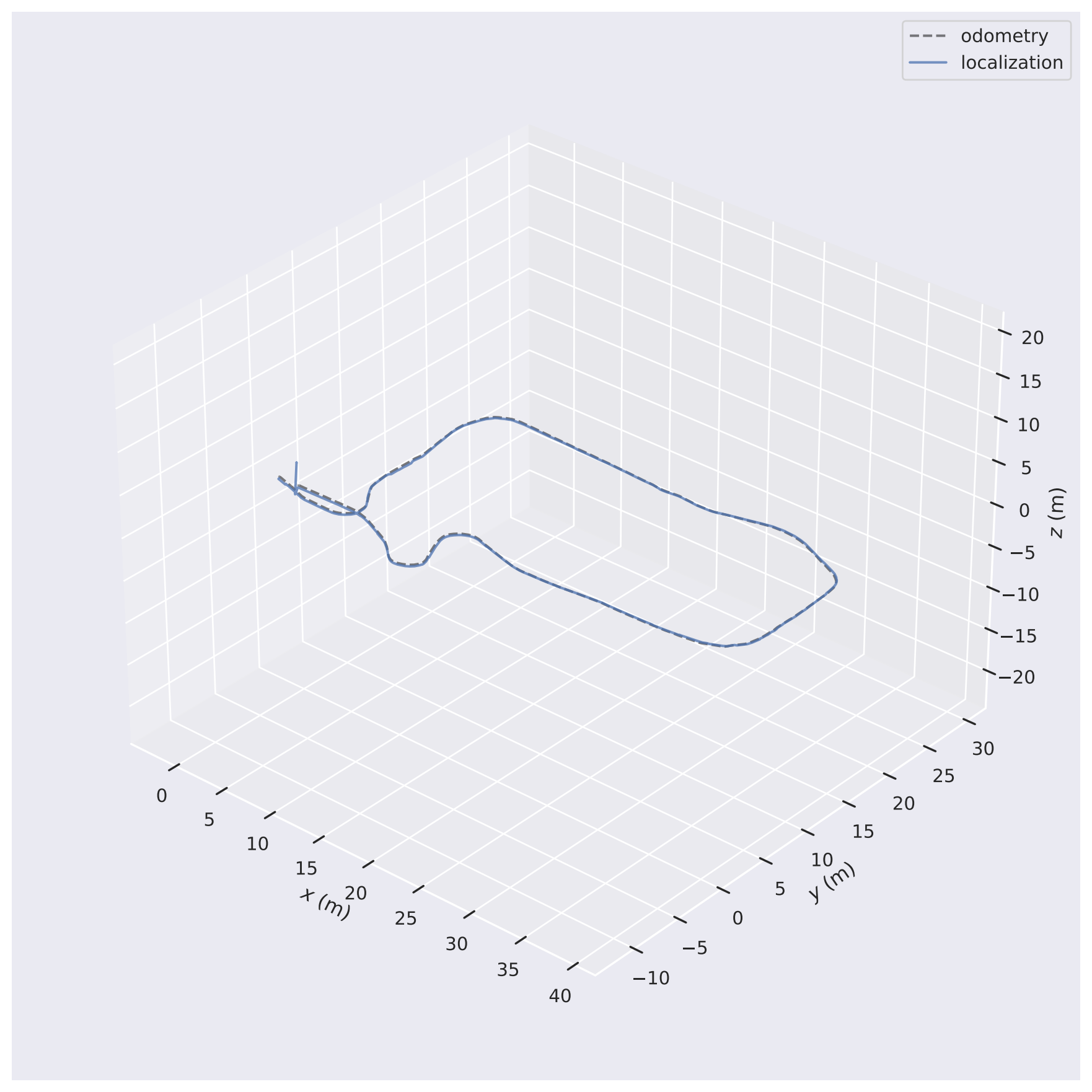
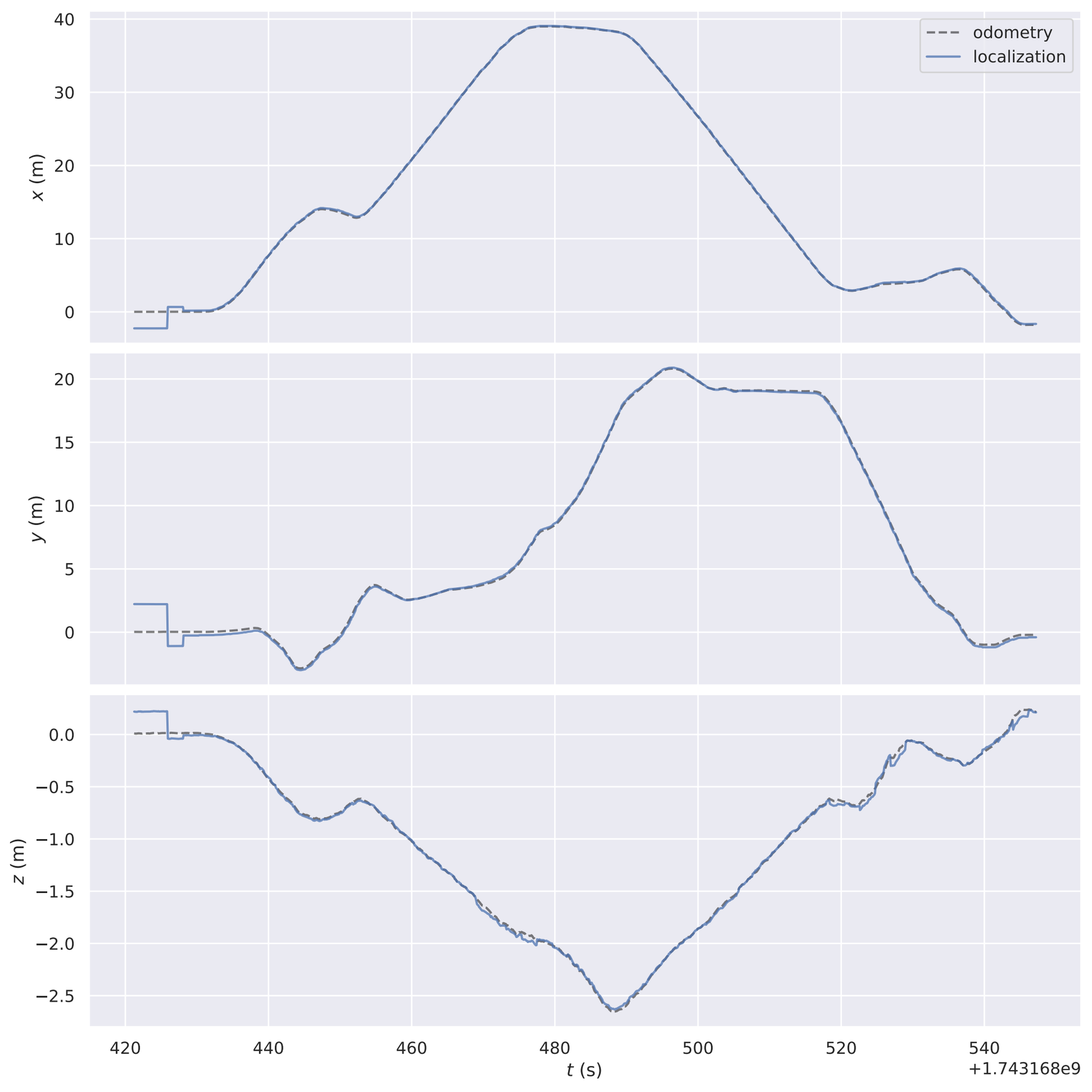
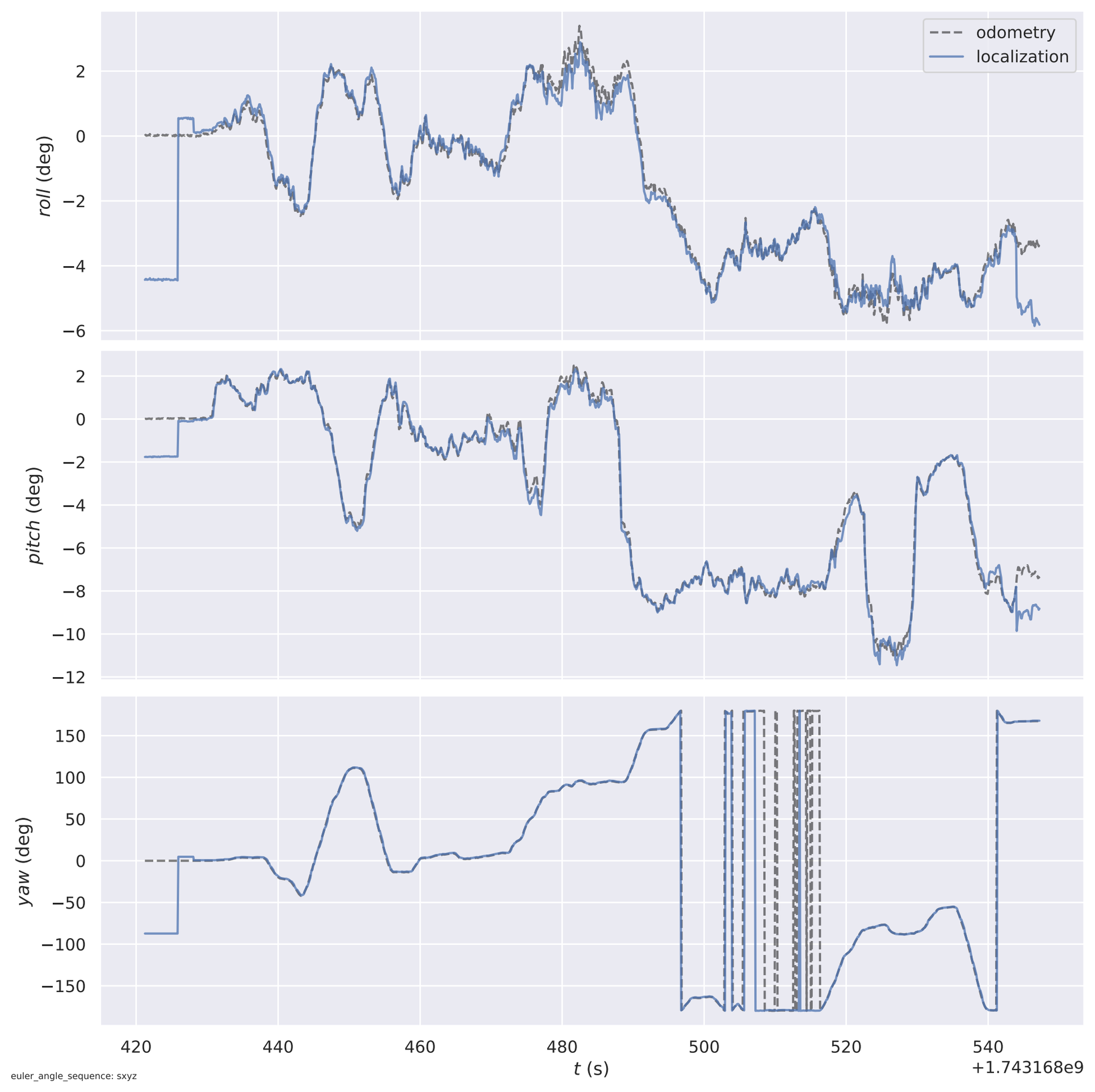
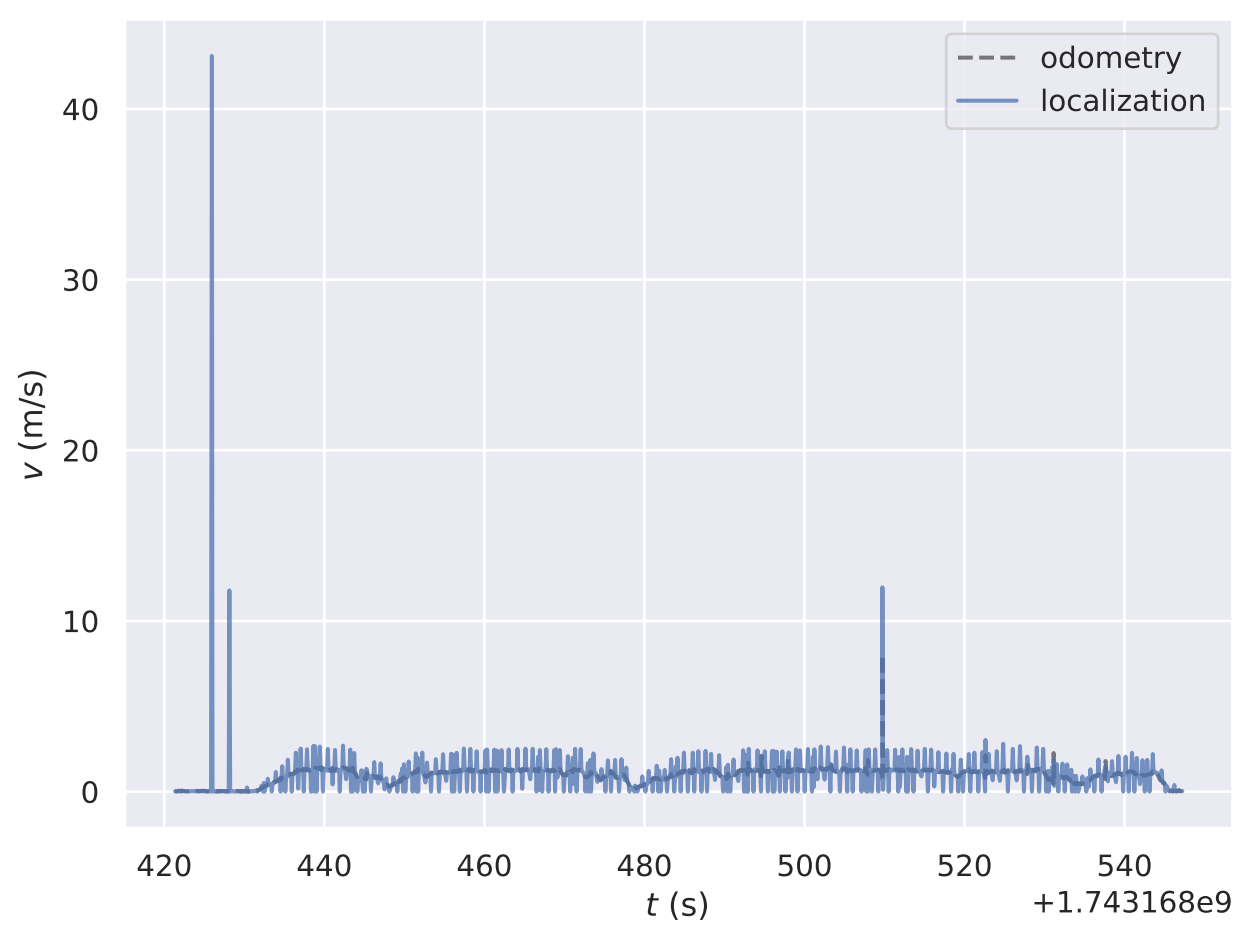
Trajectory Evaluation Statistics

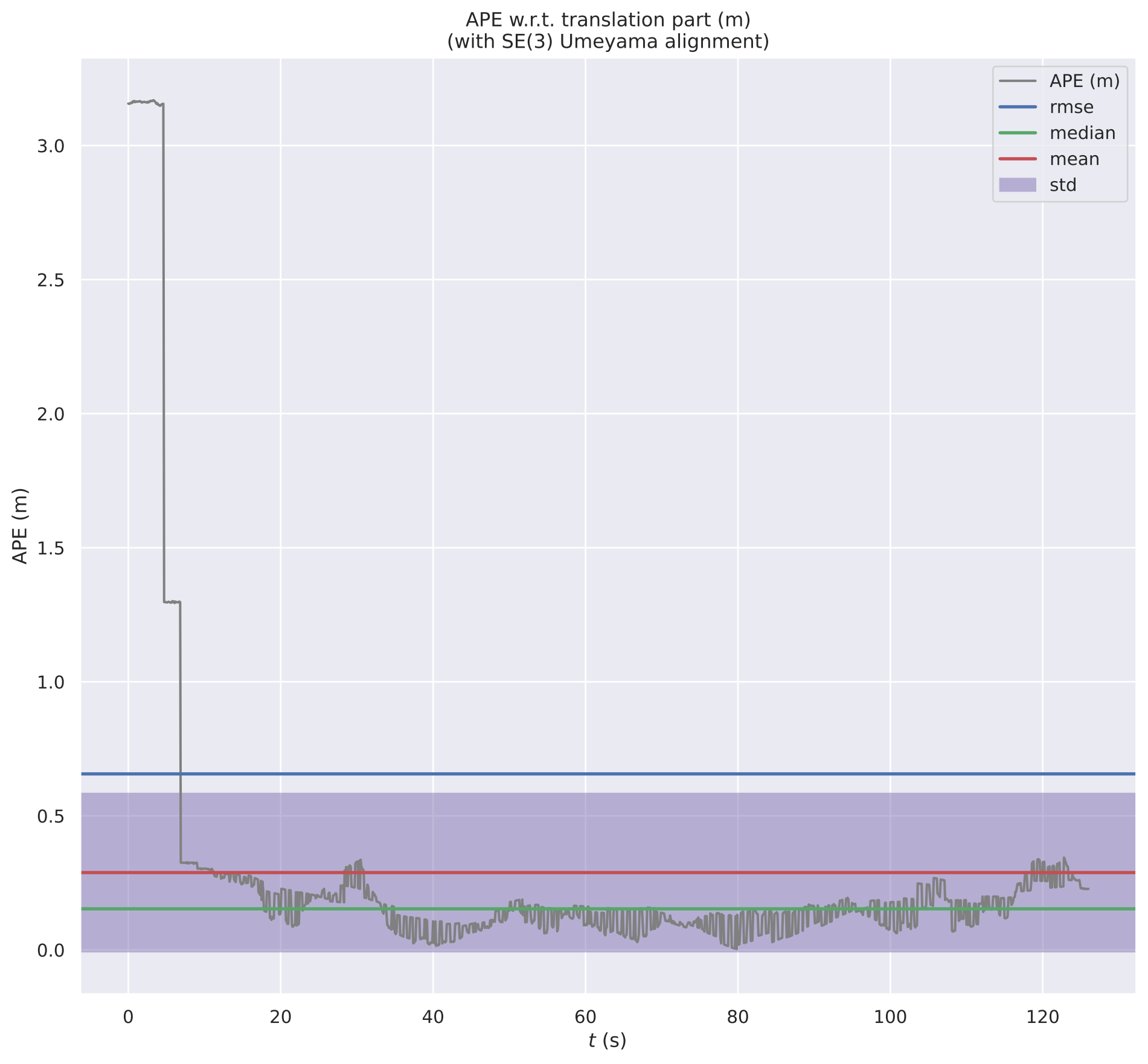
Metric	APE (m)	RPE (m)
RMSE	N/A	N/A
Mean	N/A	N/A
Median	N/A	N/A
Std Dev	N/A	N/A
Min	N/A	N/A
Max	N/A	N/A

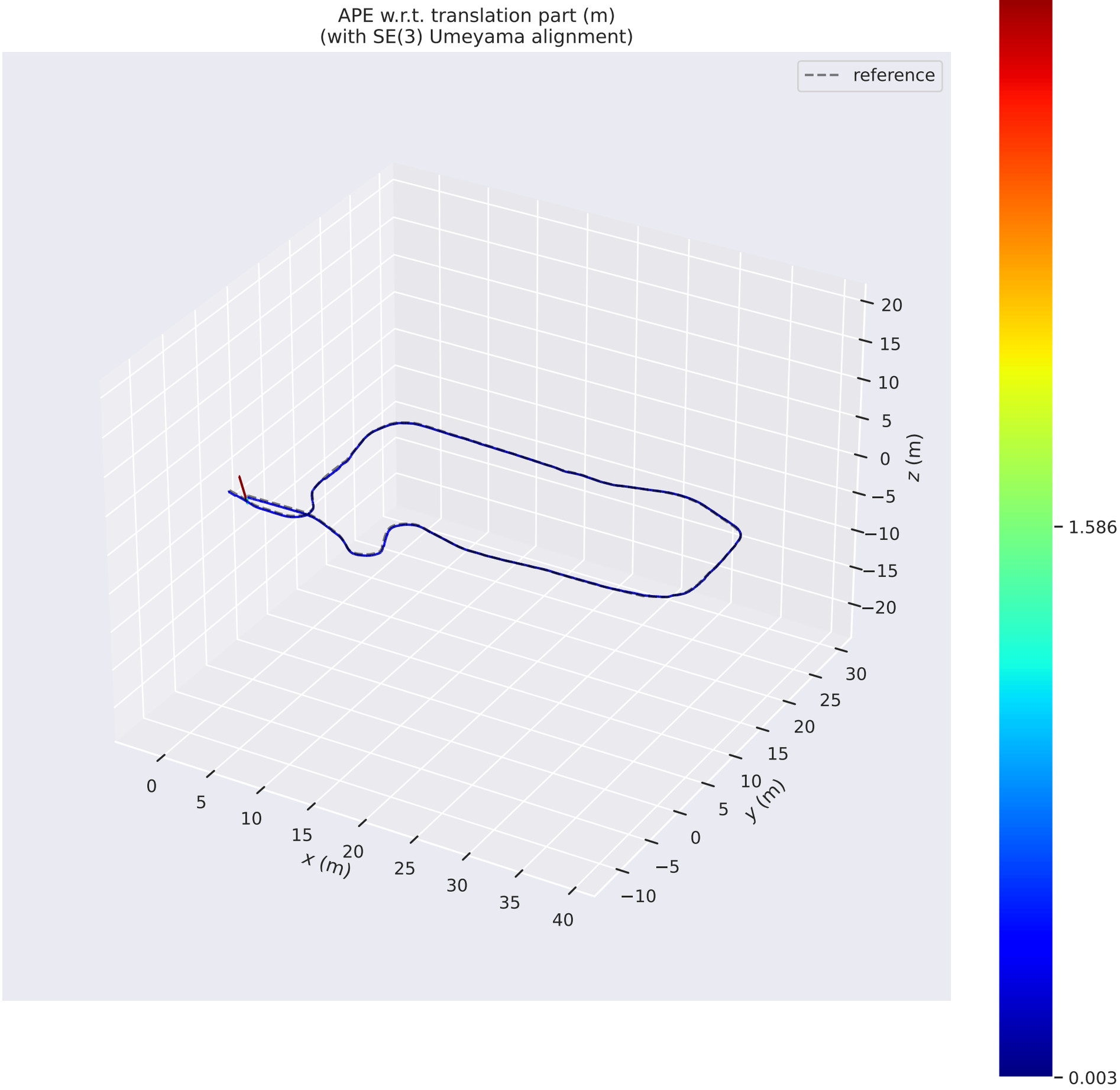

odometry
localization
x (m)
y (m)
z (m)
0
5
10
15
20
25
30
35
40
−10
−5
0
5
10
15
20
25
30
−20
−15
−10
−5
0
5
10
15
20

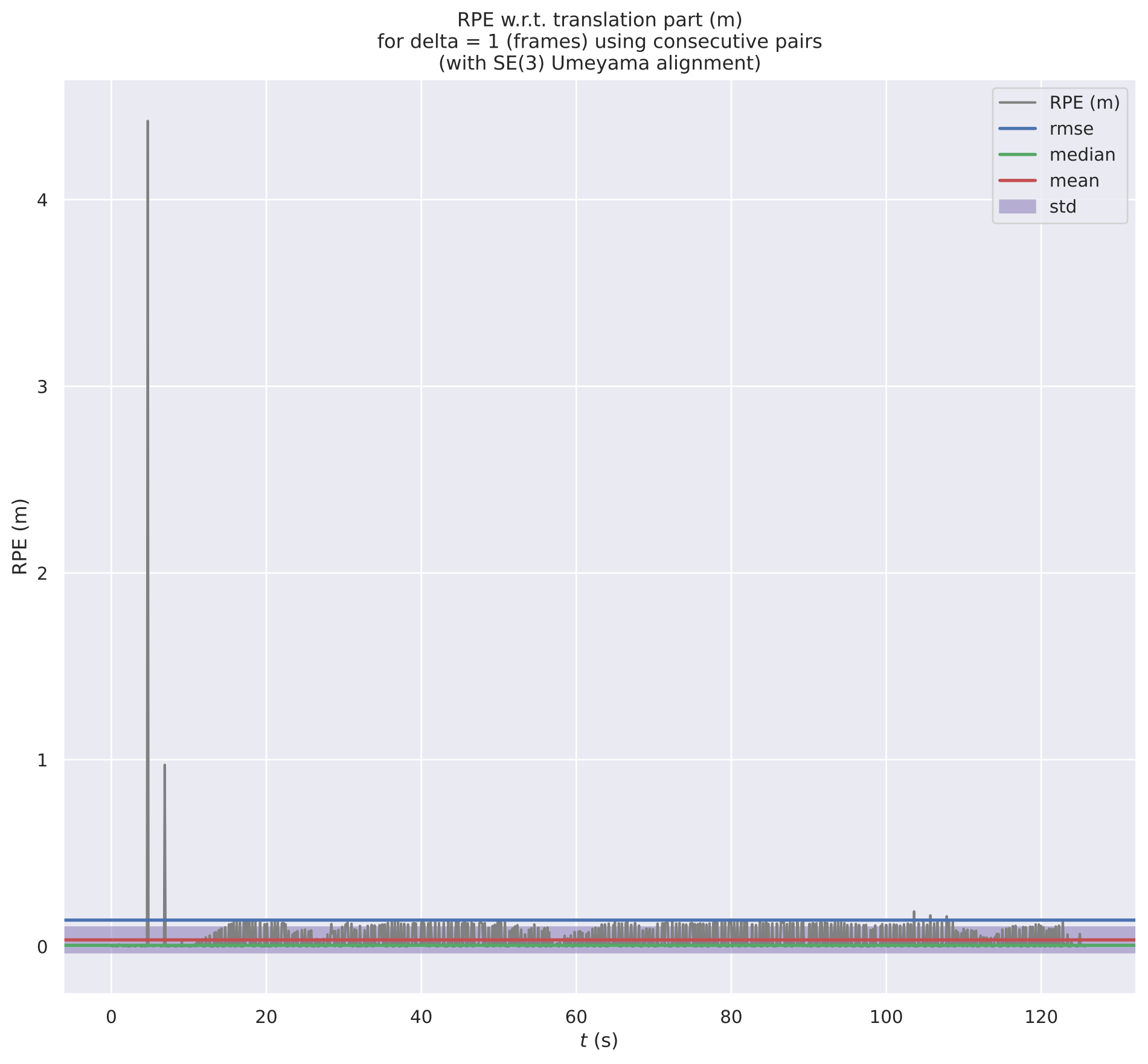

odometry
localization
x (m)
y (m)
z (m)
t (s)
+1.743168e9

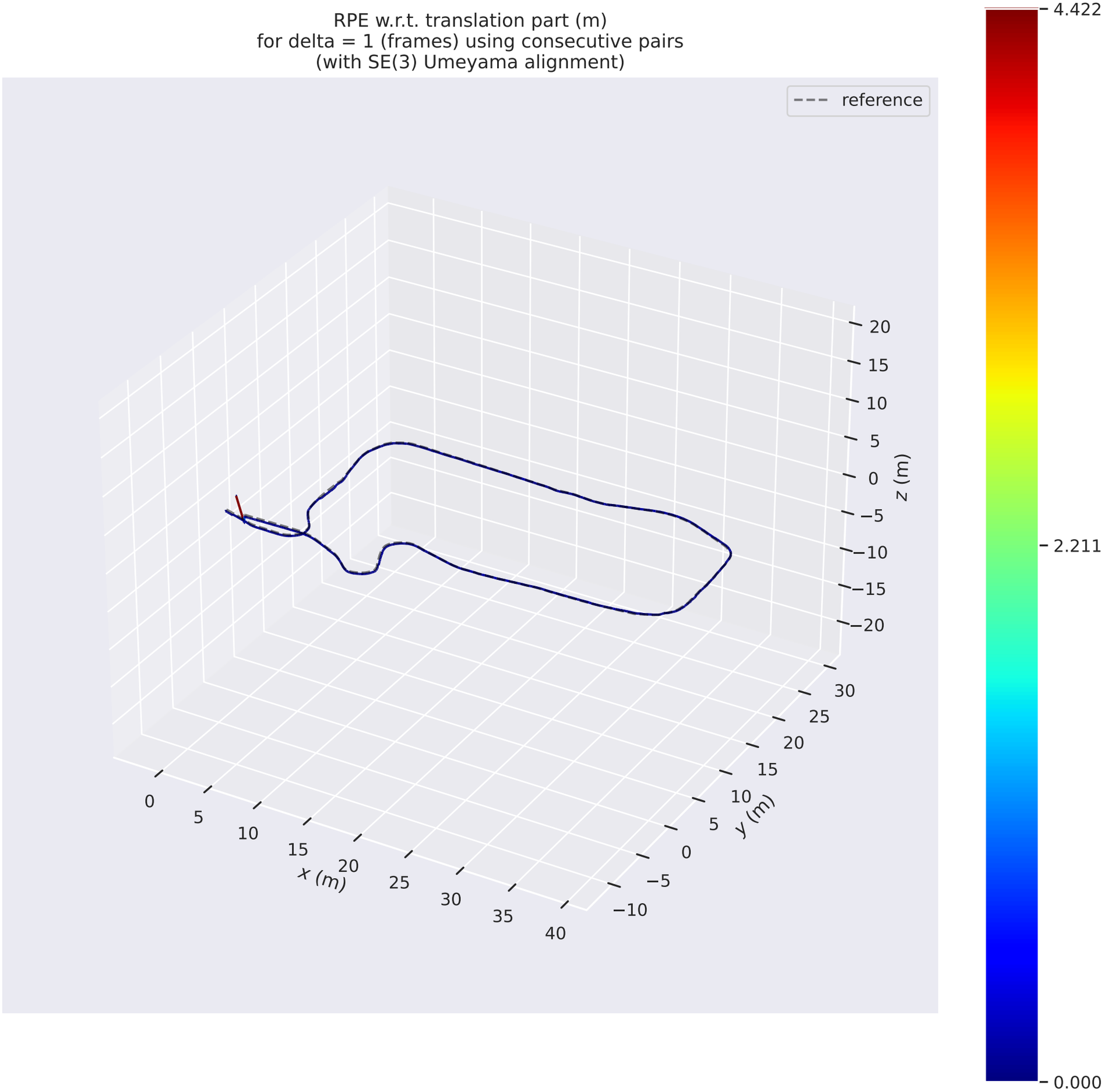

odometry
localization
roll (deg)
pitch (deg)
yaw (deg)
2
0
−2
−4
−6
−8
−10
−12
150
100
50
0
−50
−100
−150
420
440
460
480
500
520
540
t (s)
+1.743168e9
euler_angle_sequence: sxyz


odometry
localization
40
30
20
10
0
v (m/s)
420
440
460
480
500
520
540
t (s)
+1.743168e9


APE w.r.t. translation part (m)
(with SE(3) Umeyama alignment)
APE (m)
rmse
median
mean
std
3.0
2.5
2.0
1.5
1.0
0.5
0.0
APE (m)
0
20
40
60
80
100
120
t (s)


APE w.r.t. translation part (m)
(with SE(3) Umeyama alignment)
reference
x (m)
y (m)
z (m)
3.169
1.586
0.003


RPE w.r.t. translation part (m)
for delta = 1 (frames) using consecutive pairs
(with SE(3) Umeyama alignment)
RPE (m)
rmse
median
mean
std
RPE (m)
0
1
2
3
4
0
20
40
60
80
100
120
t (s)


RPE w.r.t. translation part (m)
for delta = 1 (frames) using consecutive pairs
(with SE(3) Umeyama alignment)
reference
x (m)
y (m)
z (m)
4.422
2.211
0.000