

glut_med1_r

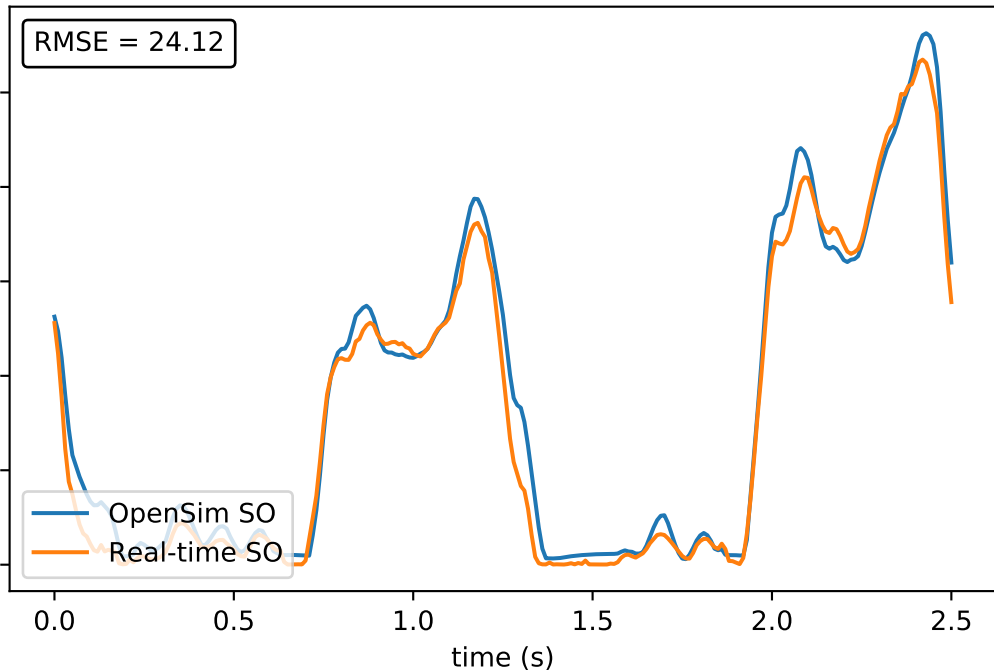
RMSE = 24.12

actuator force (Nm | N)

OpenSim SO
Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5

time (s)



glut_med2_r

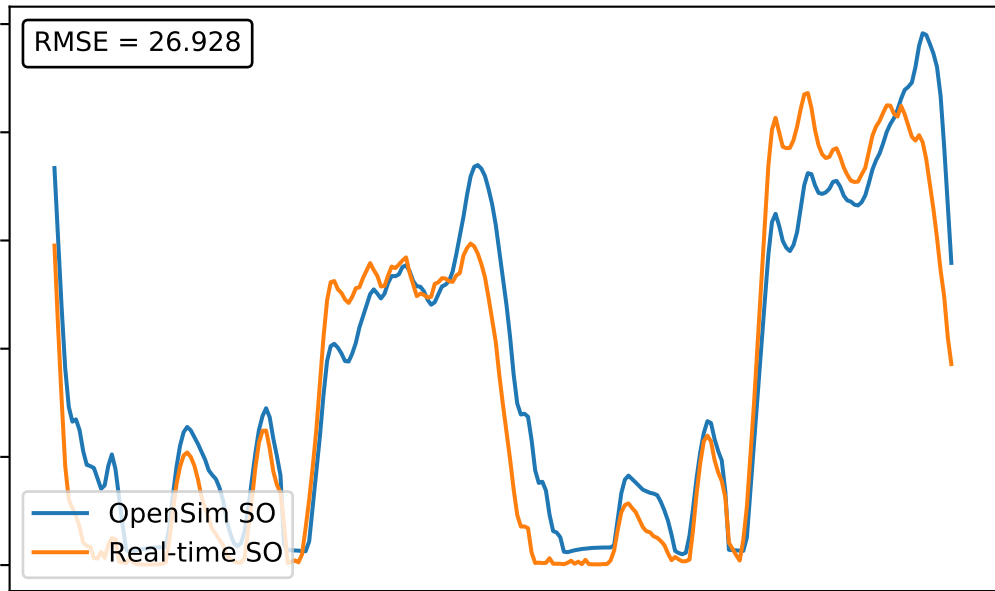
RMSE = 26.928

actuator force (Nm | N)

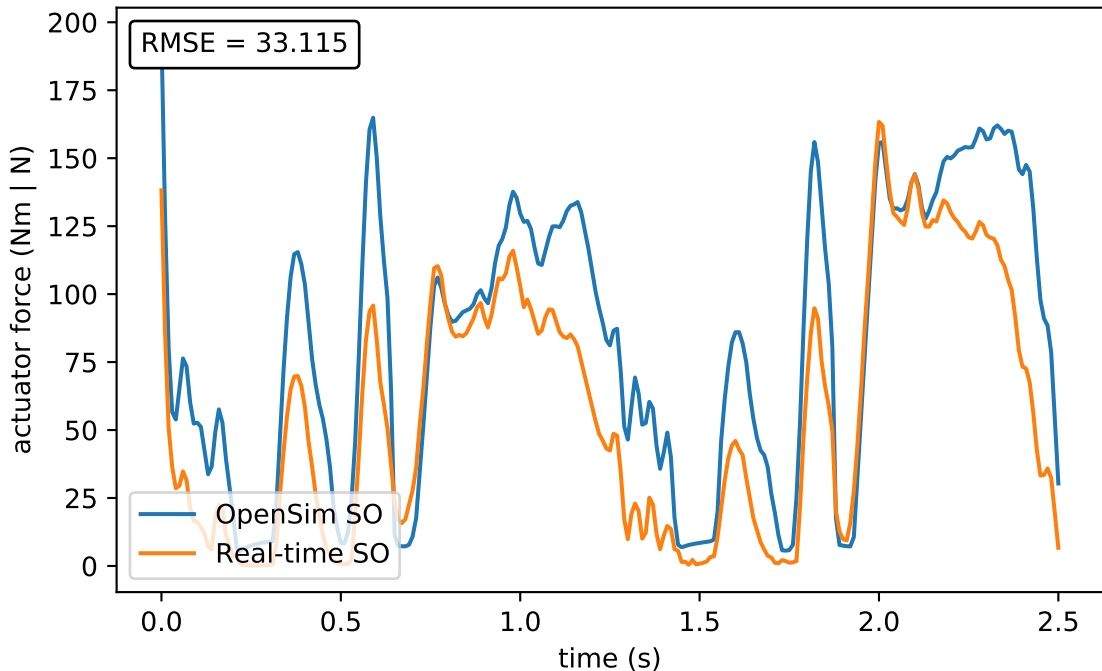
OpenSim SO
Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5

time (s)



glut_med3_r



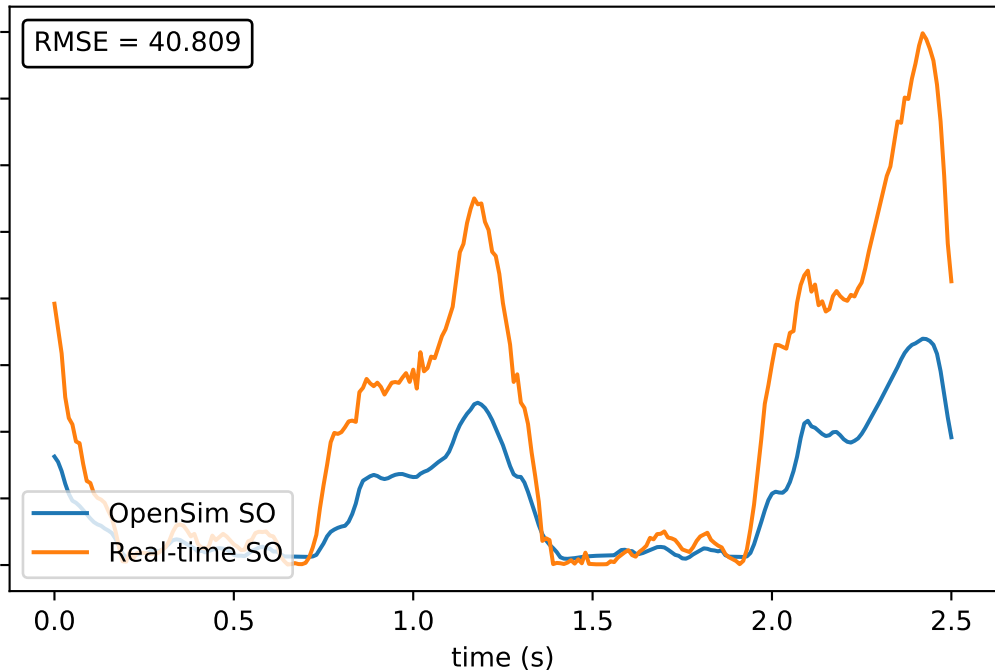
glut_min1_r

RMSE = 40.809

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



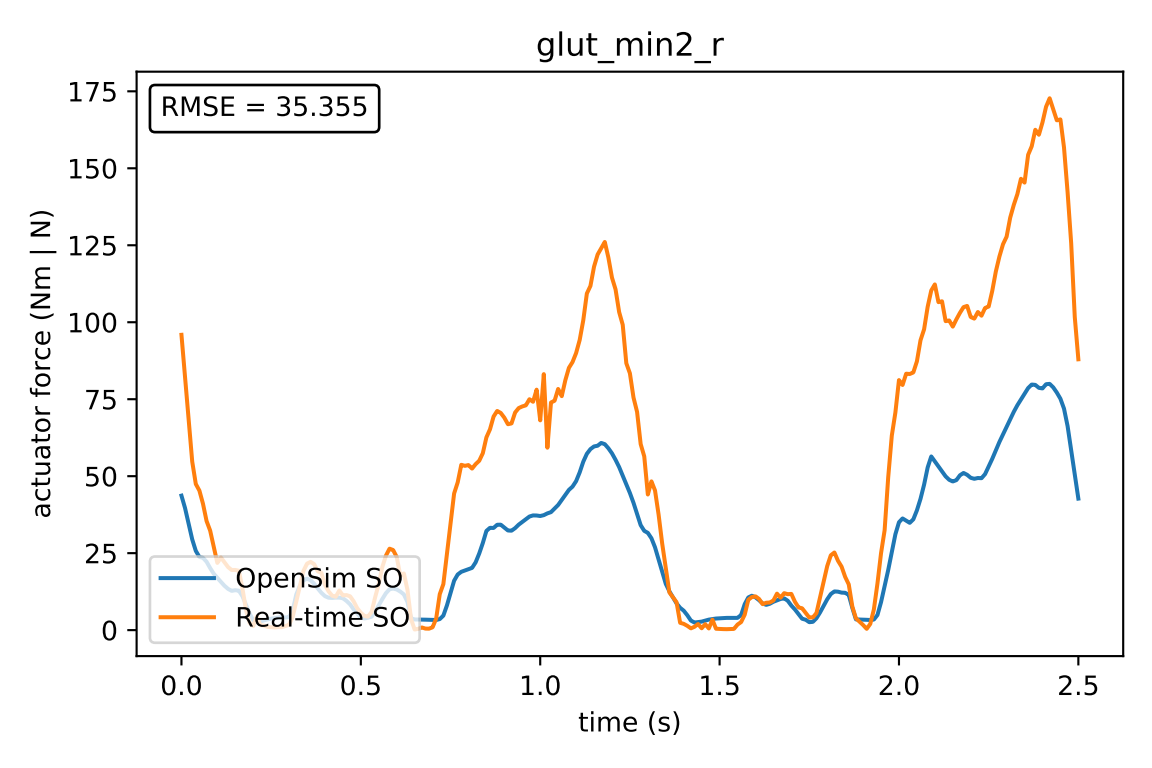
glut_min2_r

RMSE = 35.355

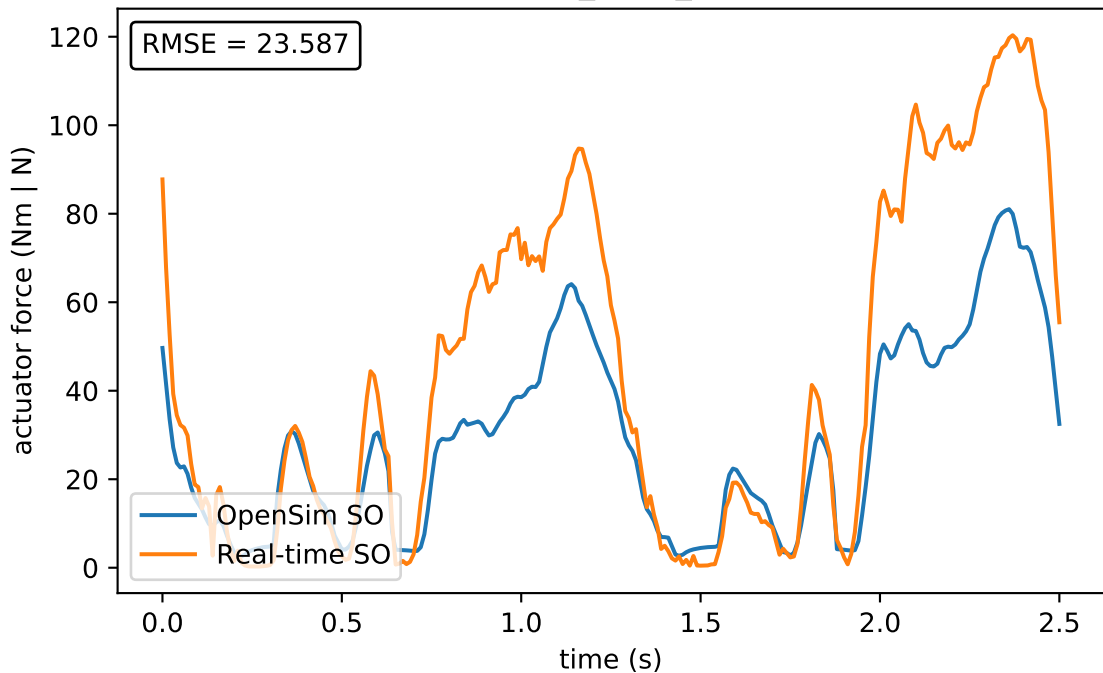
actuator force (Nm | N)

OpenSim SO
Real-time SO

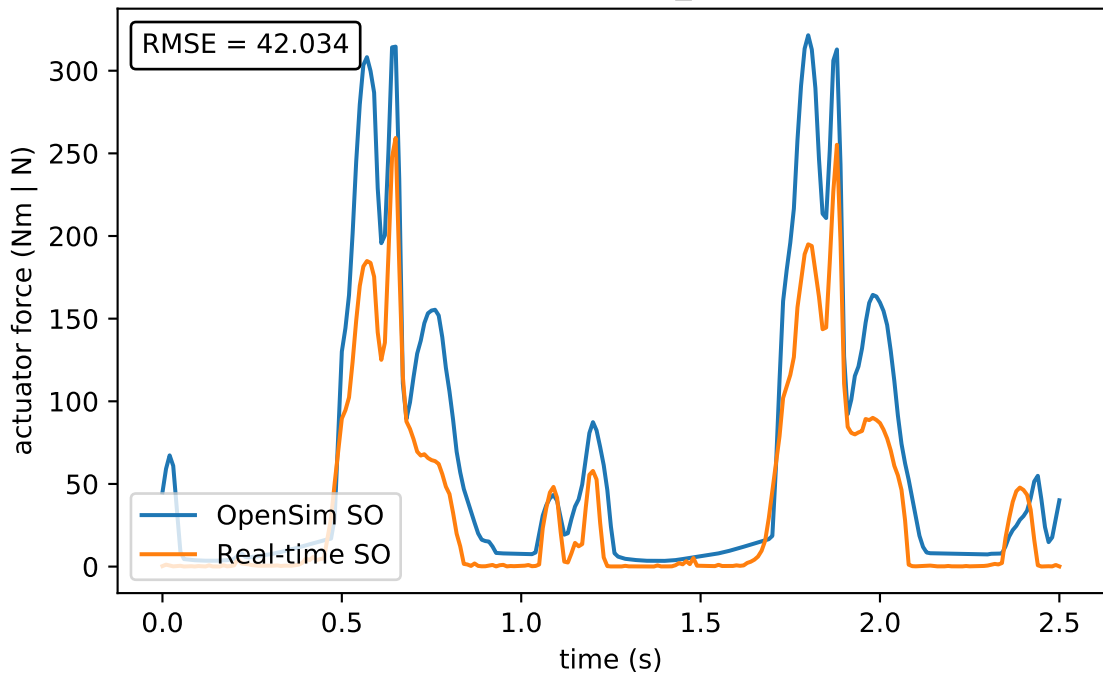
0.0 0.5 1.0 1.5 2.0 2.5
time (s)



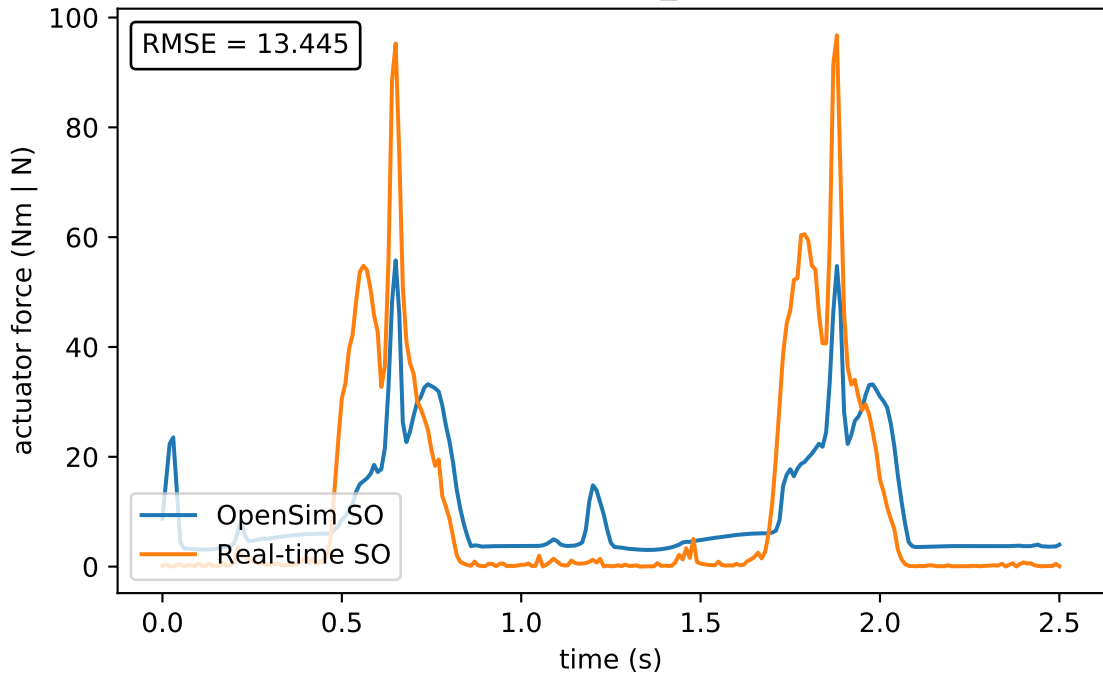
glut_min3_r



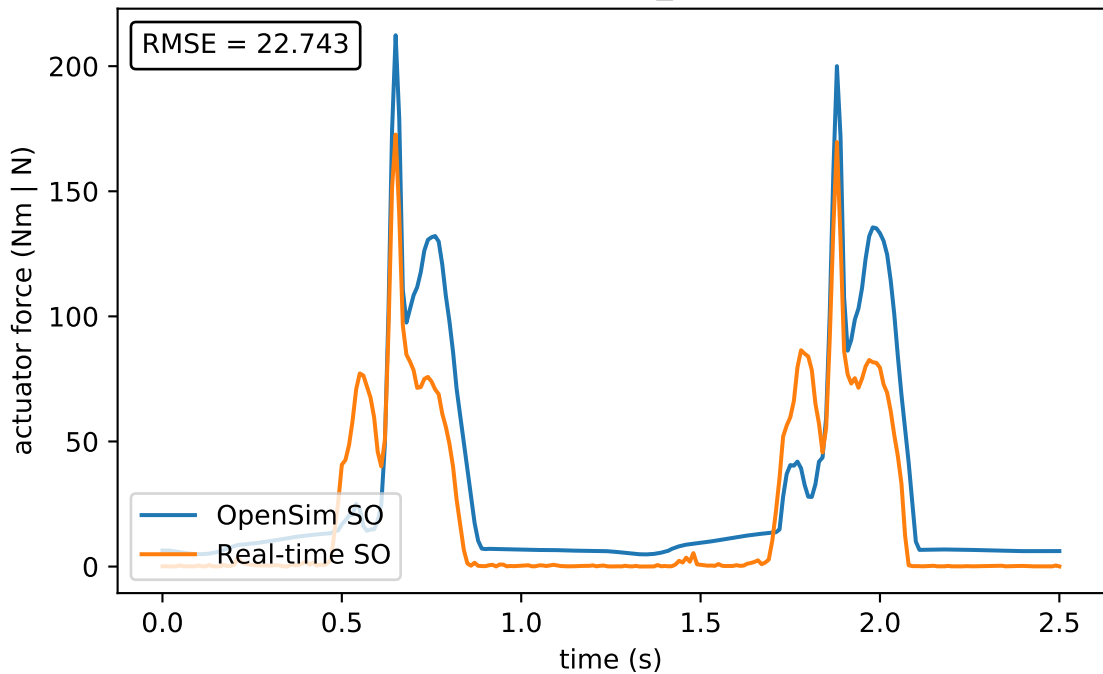
semimem_r



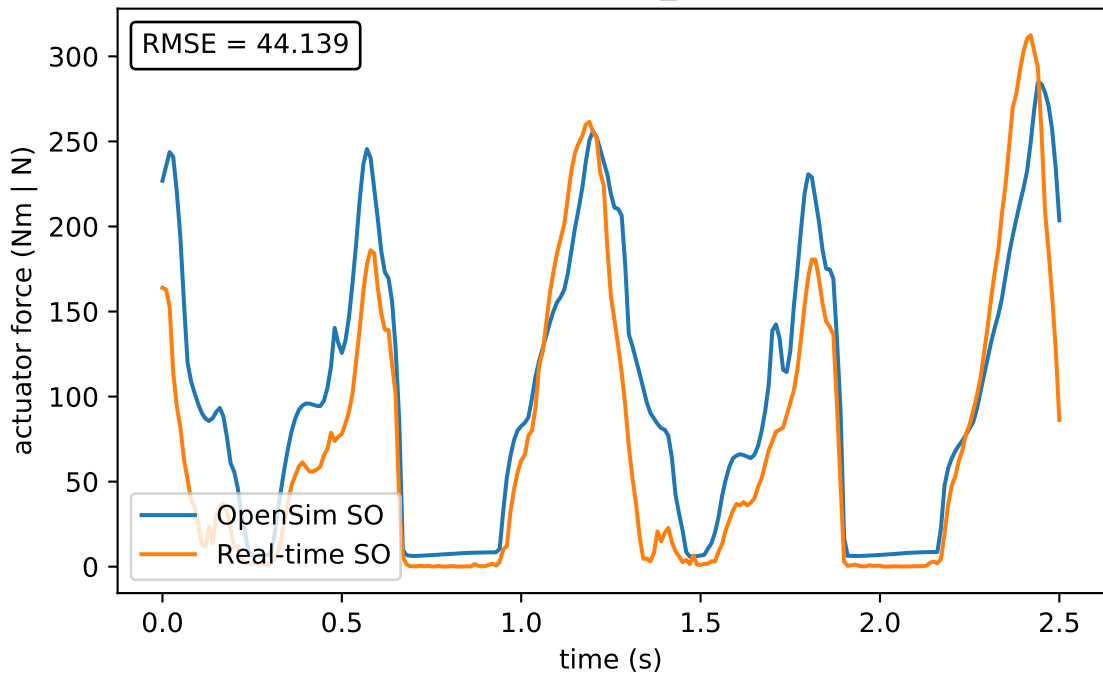
semiten_r



bifemlh_r



bifemsh_r



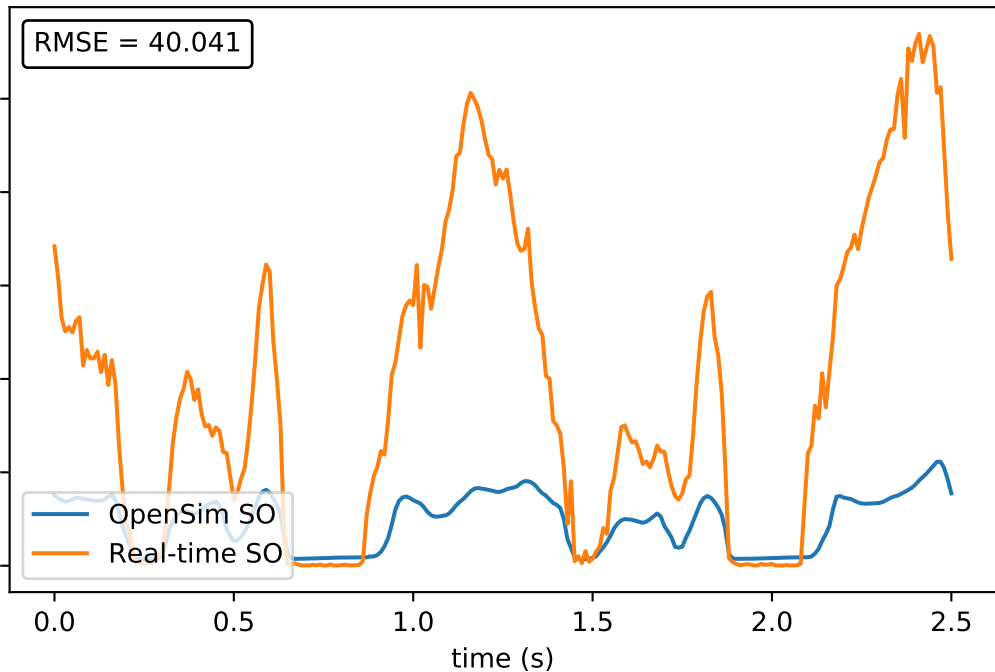
sar_r

RMSE = 40.041

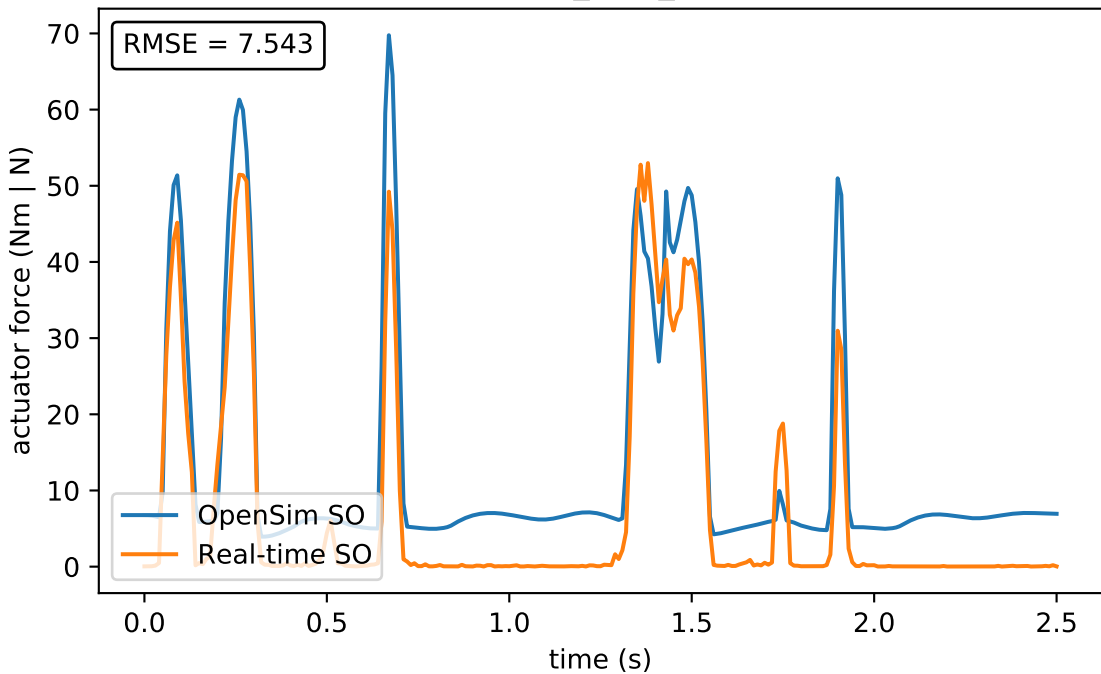
actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



add_long_r



add_brev_r

RMSE = 4.124

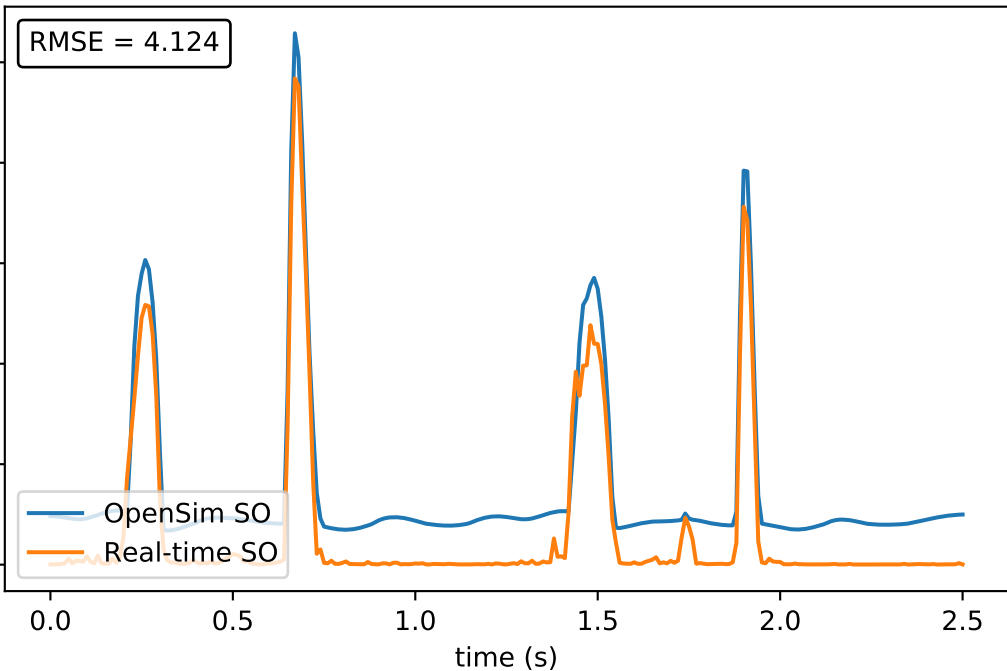
actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)

0.0 0.5 1.0 1.5 2.0 2.5

50
40
30
20
10
0



add_mag1_r

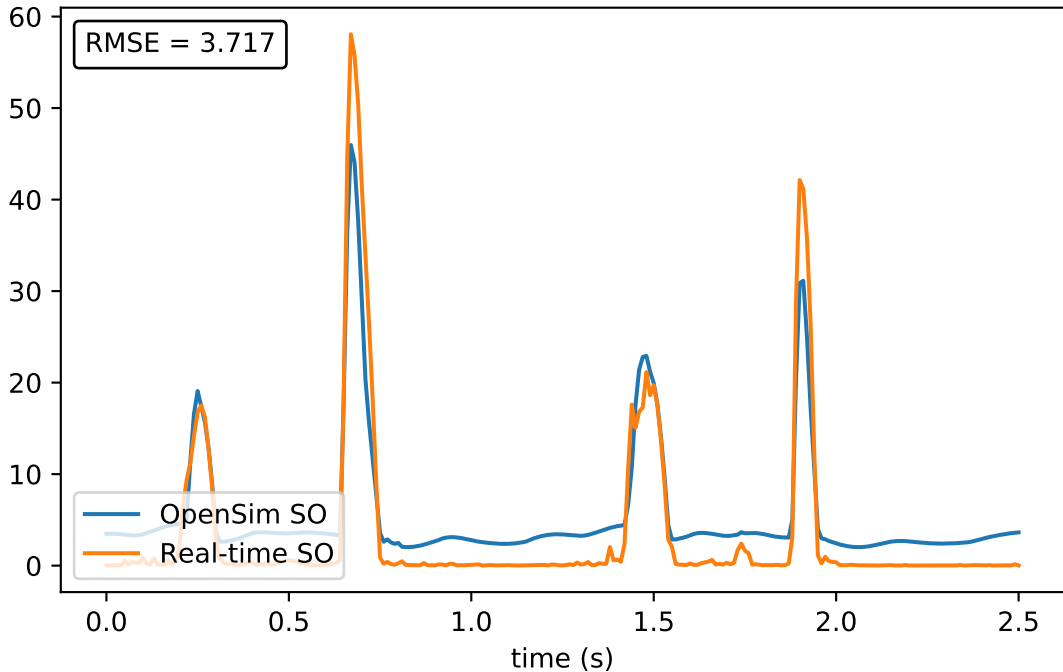
RMSE = 3.717

actuator force (Nm | N)

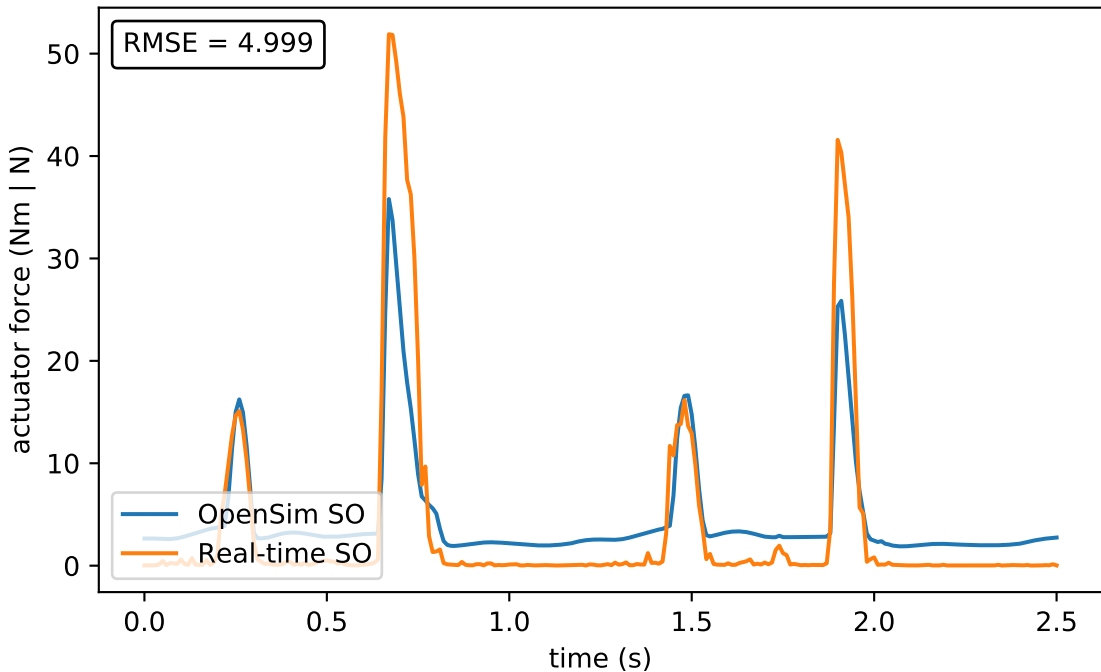
OpenSim SO
Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5

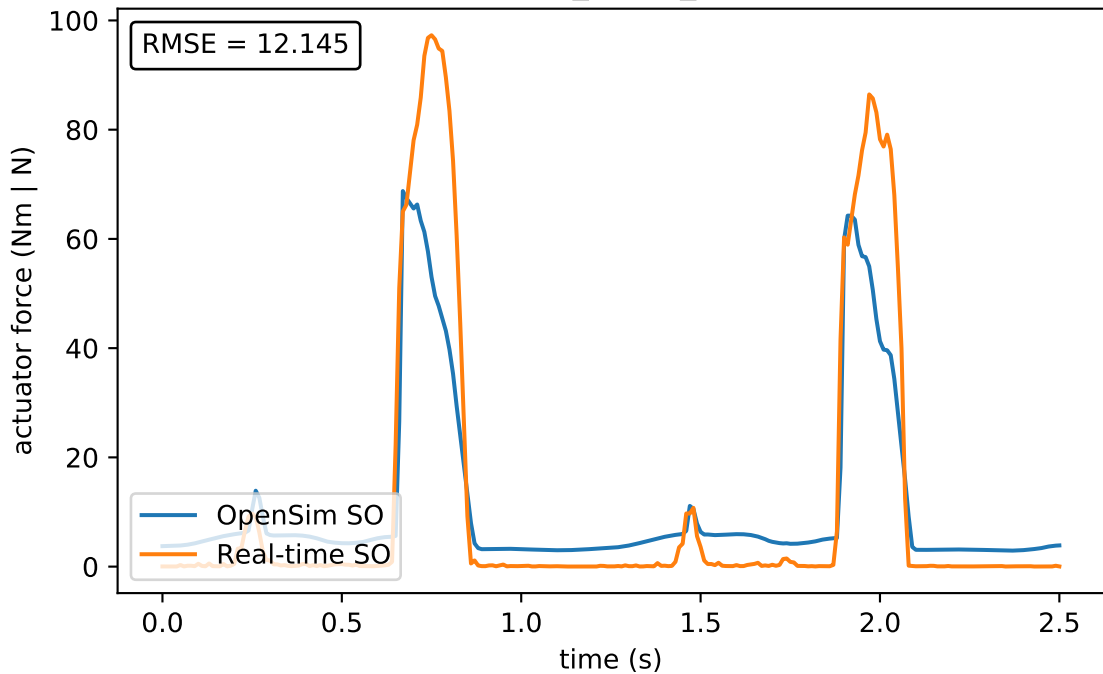
time (s)



add_mag2_r



add_mag3_r



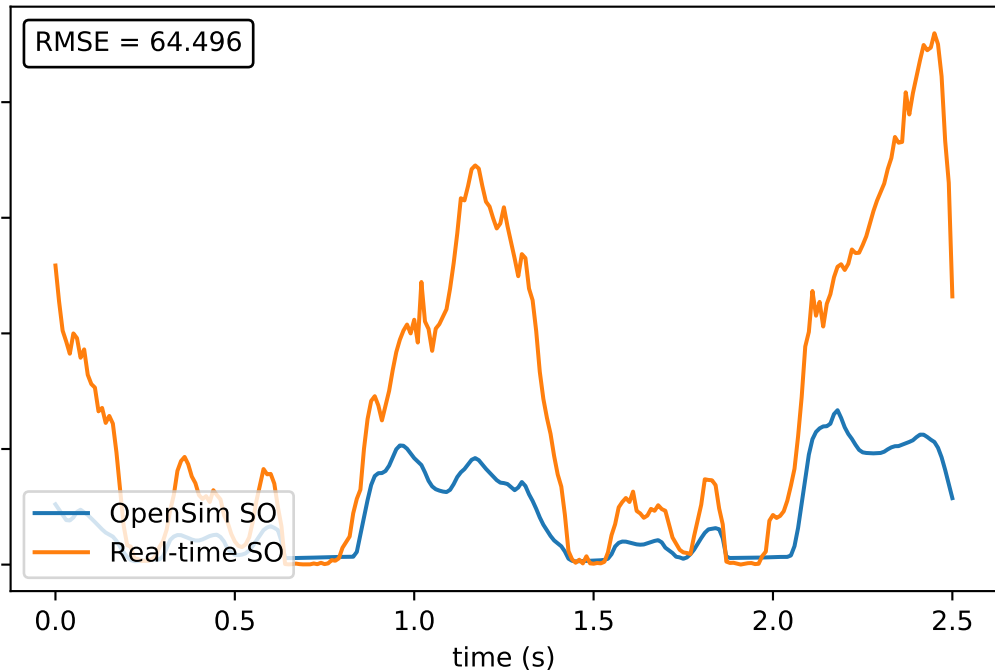
tfl_r

RMSE = 64.496

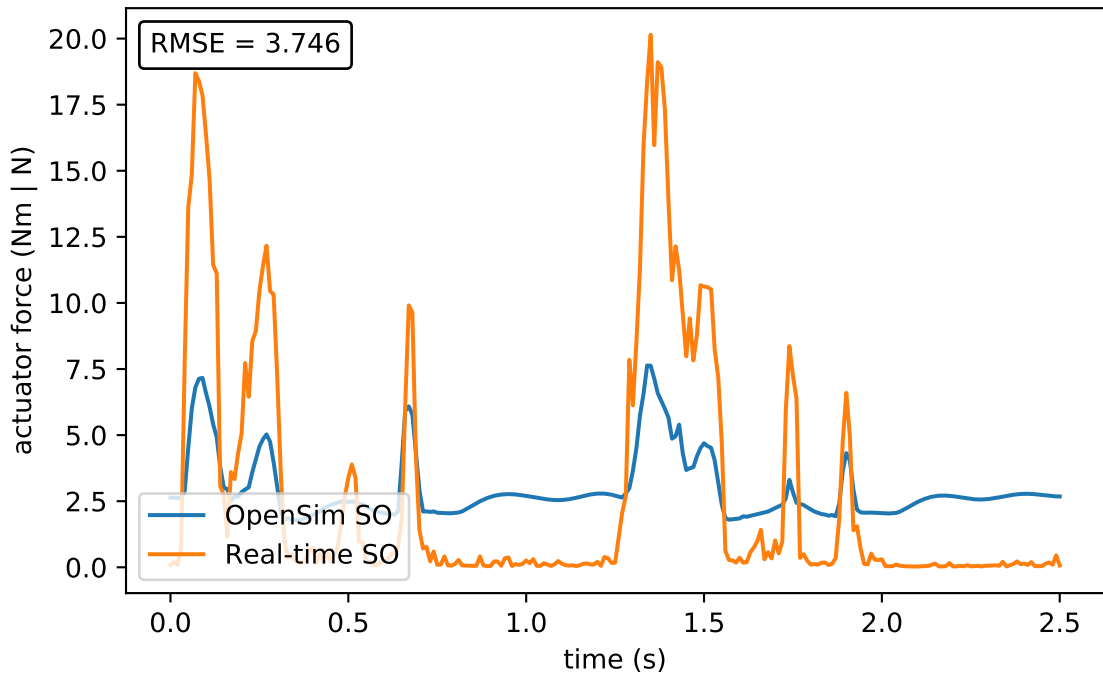
actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



pect_r



grac_r

RMSE = 3.589

actuator force (Nm | N)

OpenSim SO
Real-time SO

0.0

0.5

1.0

time (s)

1.5

2.0

2.5

25

20

15

10

5

0

0.0

0.5

1.0

1.5

2.0

2.5

0.0

0.5

1.0

1.5

2.0

2.5

0.0

0.5

1.0

1.5

2.0

2.5

0.0

0.5

1.0

1.5

2.0

2.5

0.0

0.5

1.0

1.5

2.0

2.5

0.0

0.5

1.0

1.5

2.0

2.5

0.0

0.5

1.0

1.5

2.0

2.5

0.0

0.5

1.0

1.5

2.0

2.5

0.0

0.5

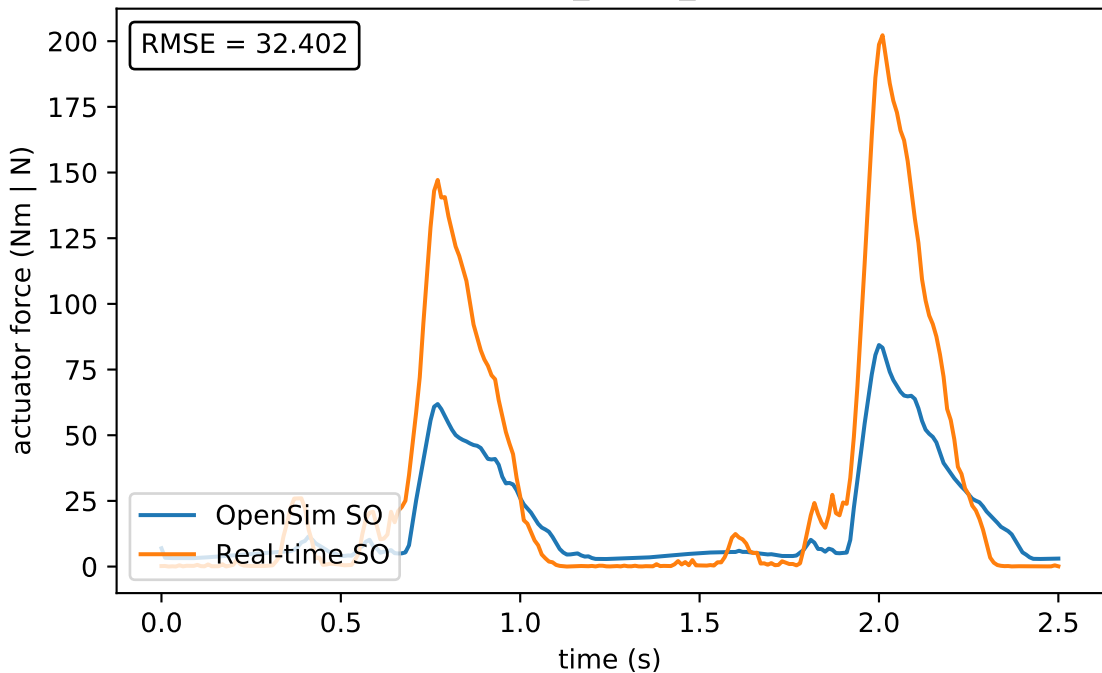
1.0

1.5

2.0

2.5

glut_max1_r



glut_max2_r

RMSE = 18.197

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)

0.0

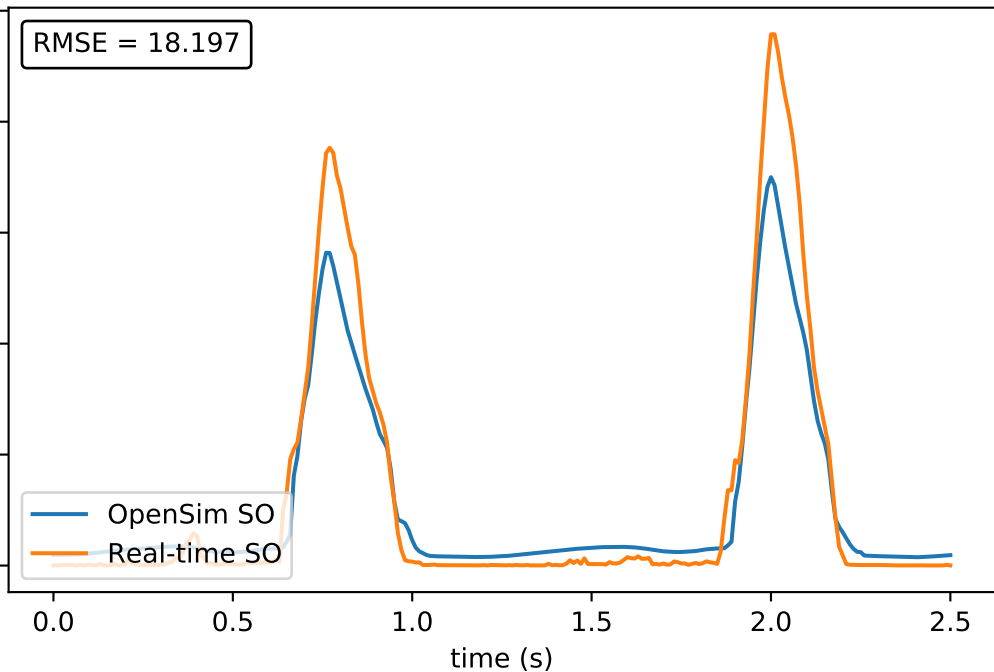
0.5

1.0

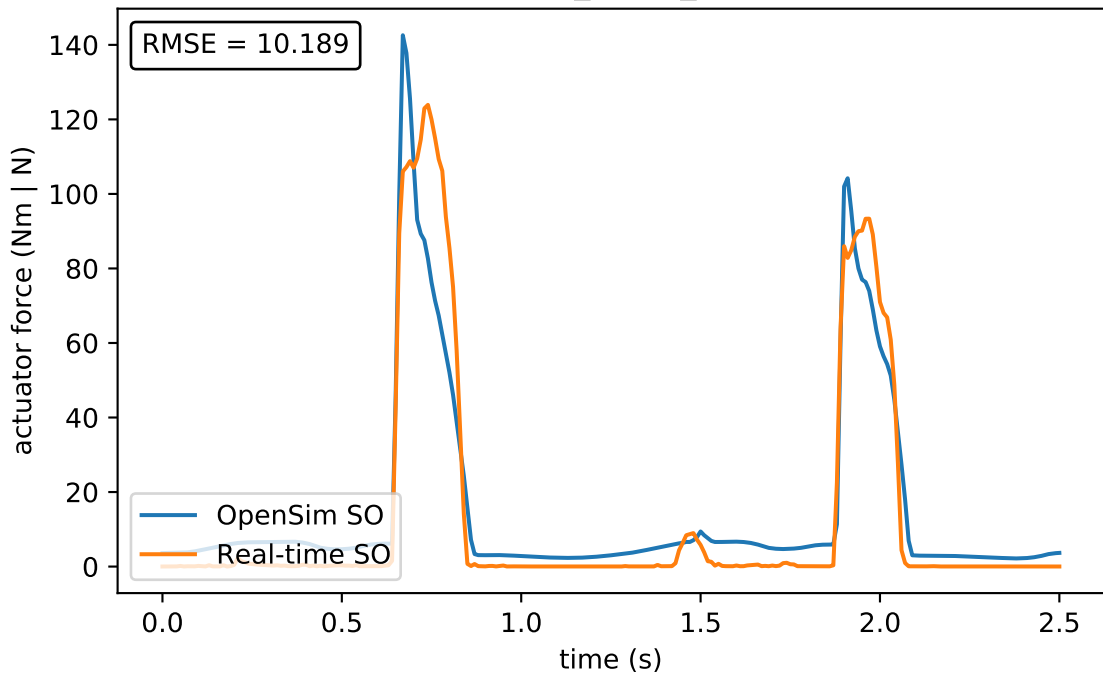
1.5

2.0

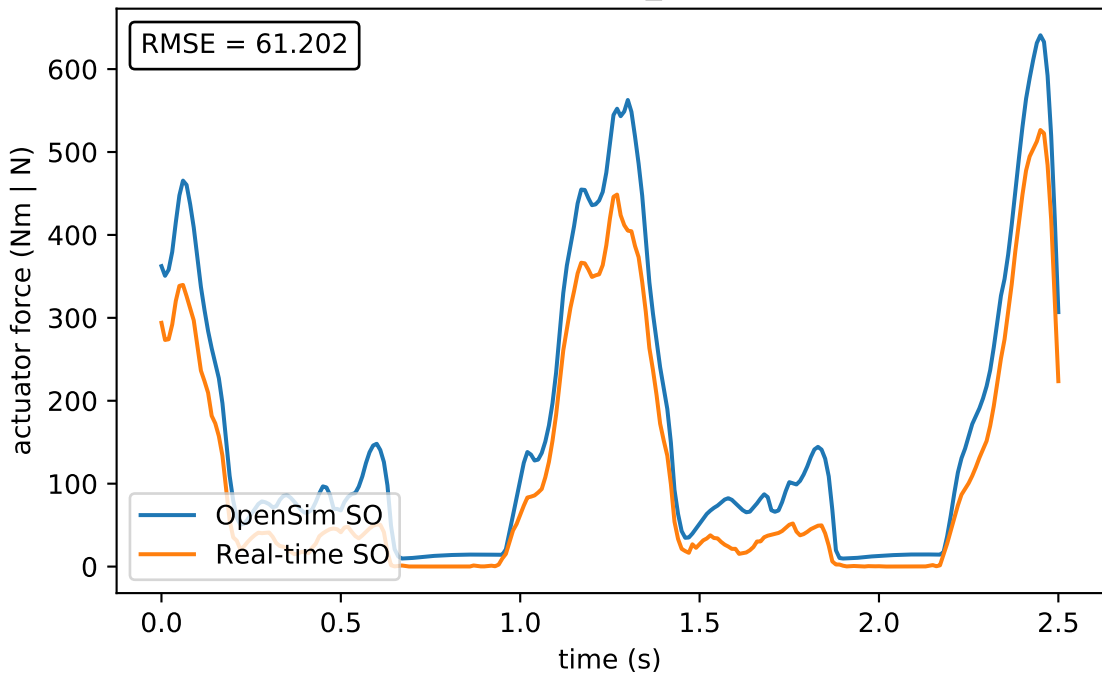
2.5



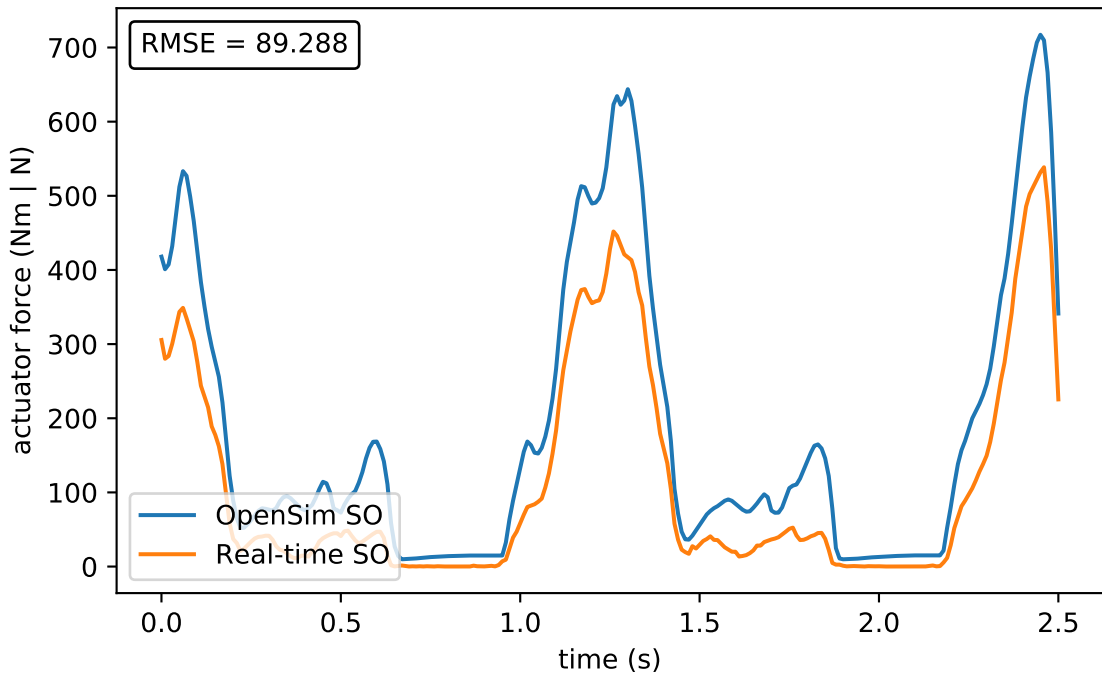
glut_max3_r



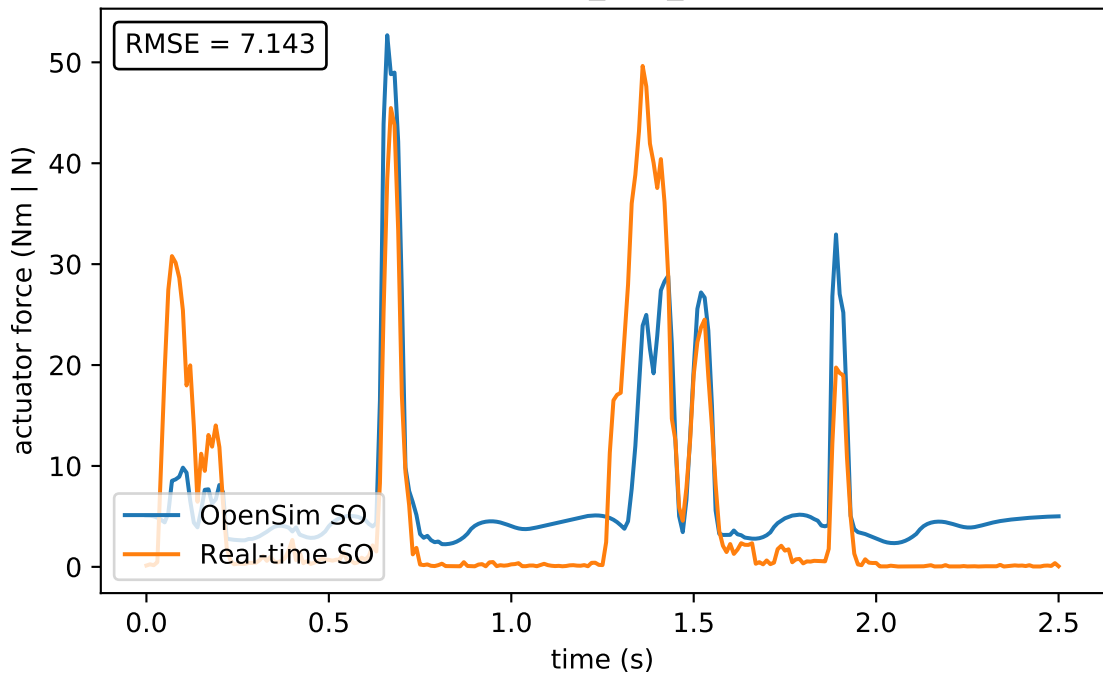
iliacus_r



psoas_r



quad_fem_r



gem_r

RMSE = 5.317

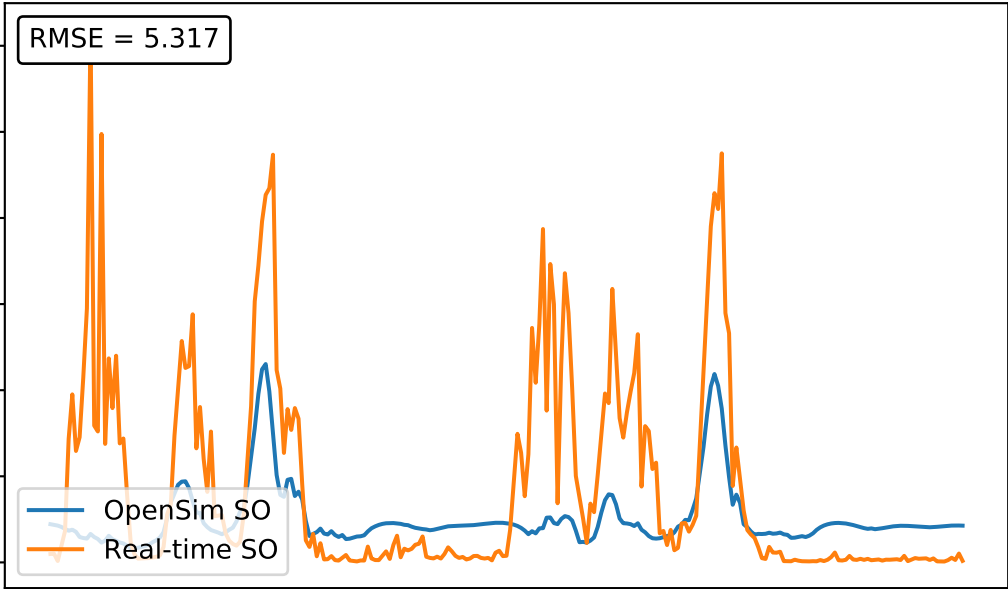
actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)

0.0 0.5 1.0 1.5 2.0 2.5

30
25
20
15
10
5
0



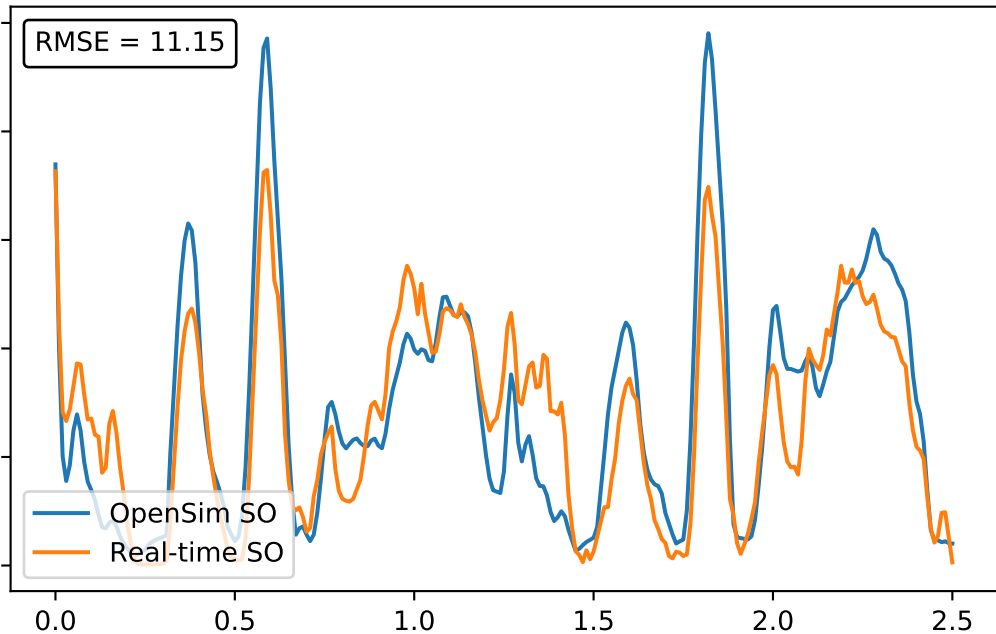
peri_r

RMSE = 11.15

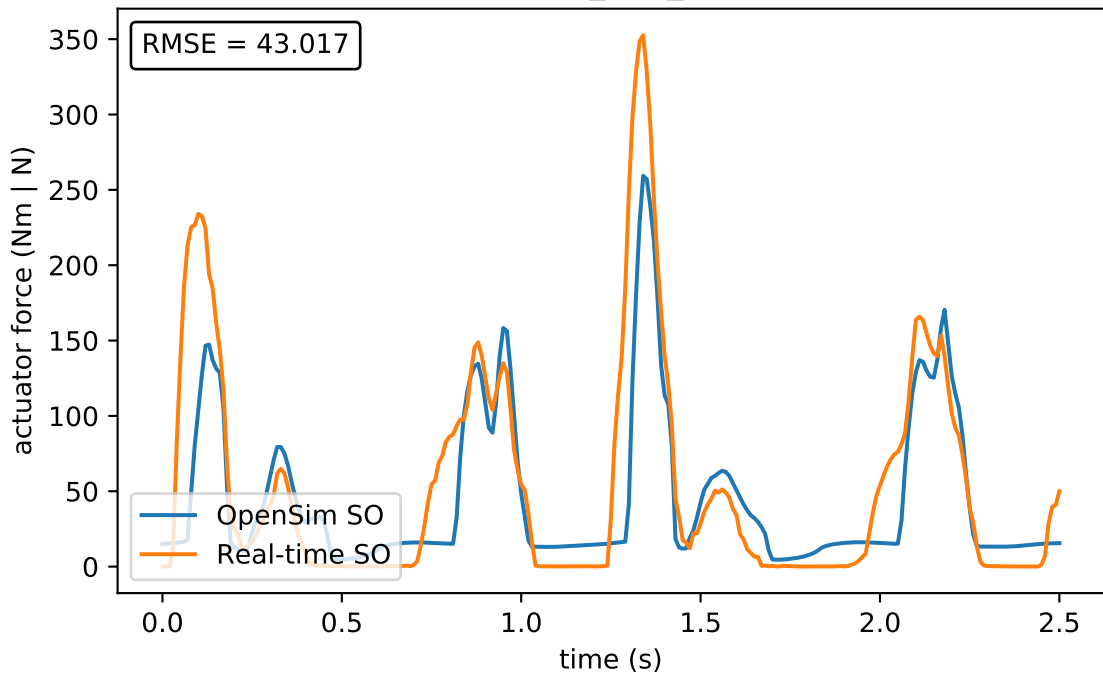
actuator force (Nm | N)

— OpenSim SO
— Real-time SO

time (s)



rect_fem_r



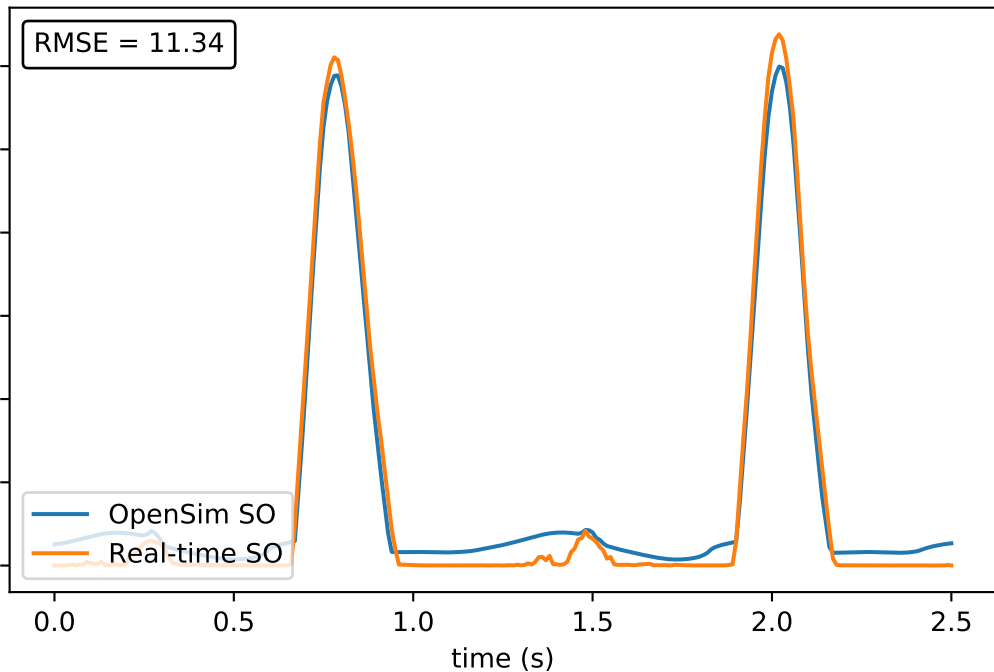
vas_med_r

RMSE = 11.34

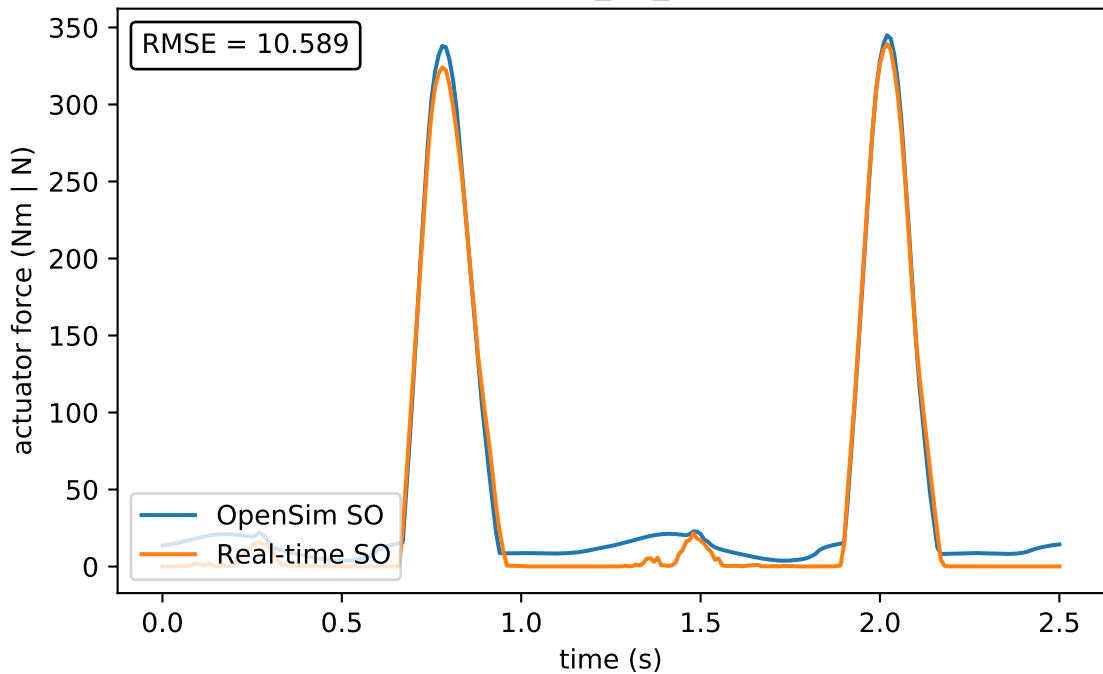
actuator force (Nm | N)

OpenSim SO
Real-time SO

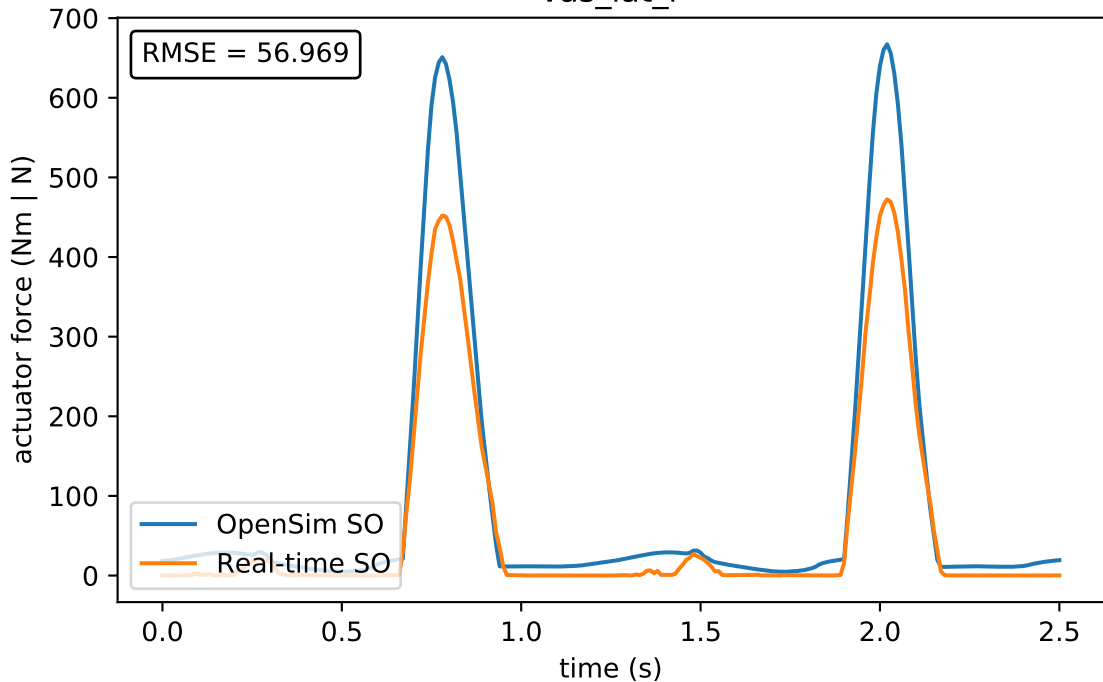
time (s)



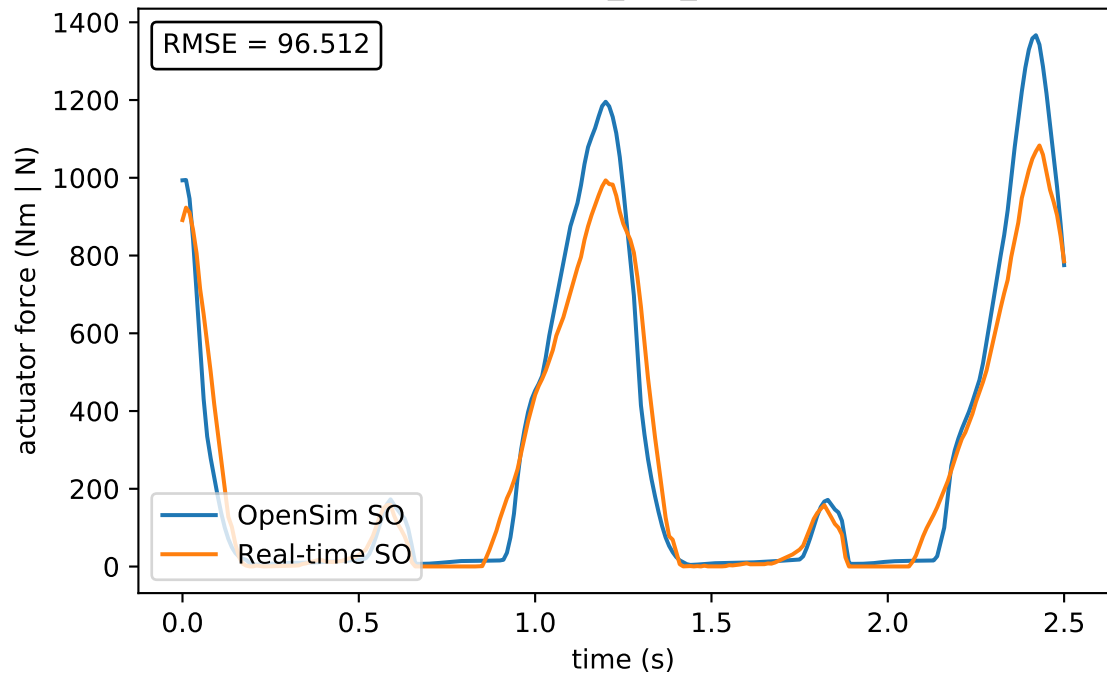
vas_int_r



vas_lat_r



med_gas_r



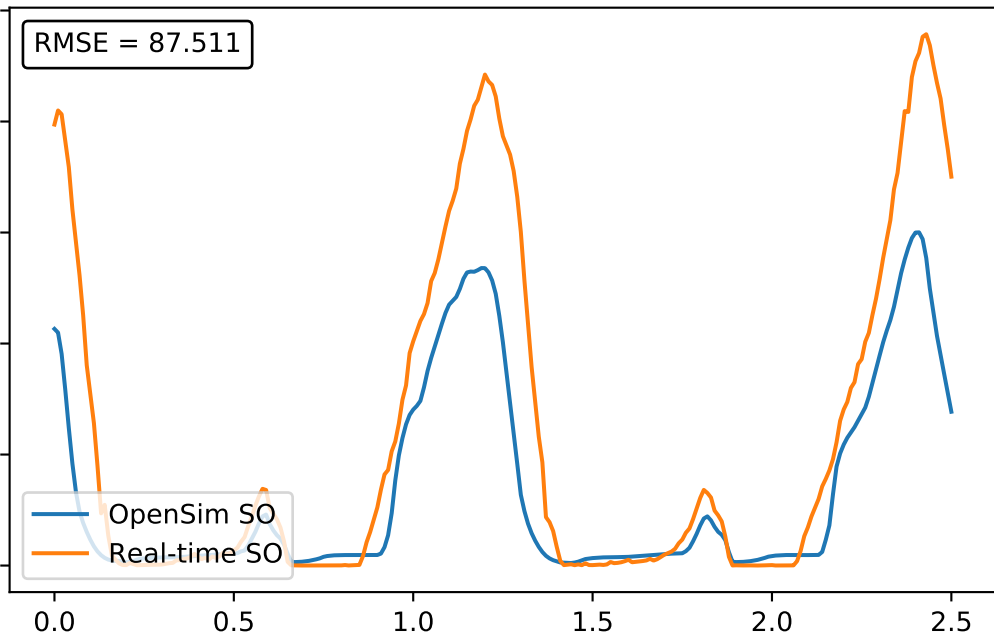
lat_gas_r

RMSE = 87.511

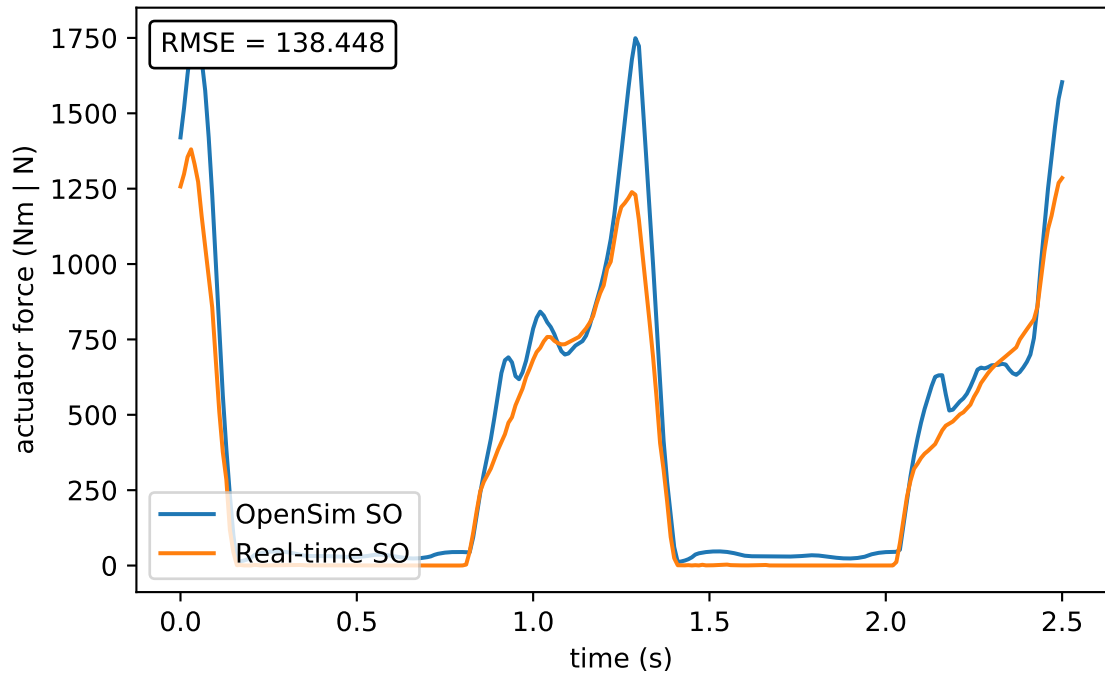
actuator force (Nm | N)

OpenSim SO
Real-time SO

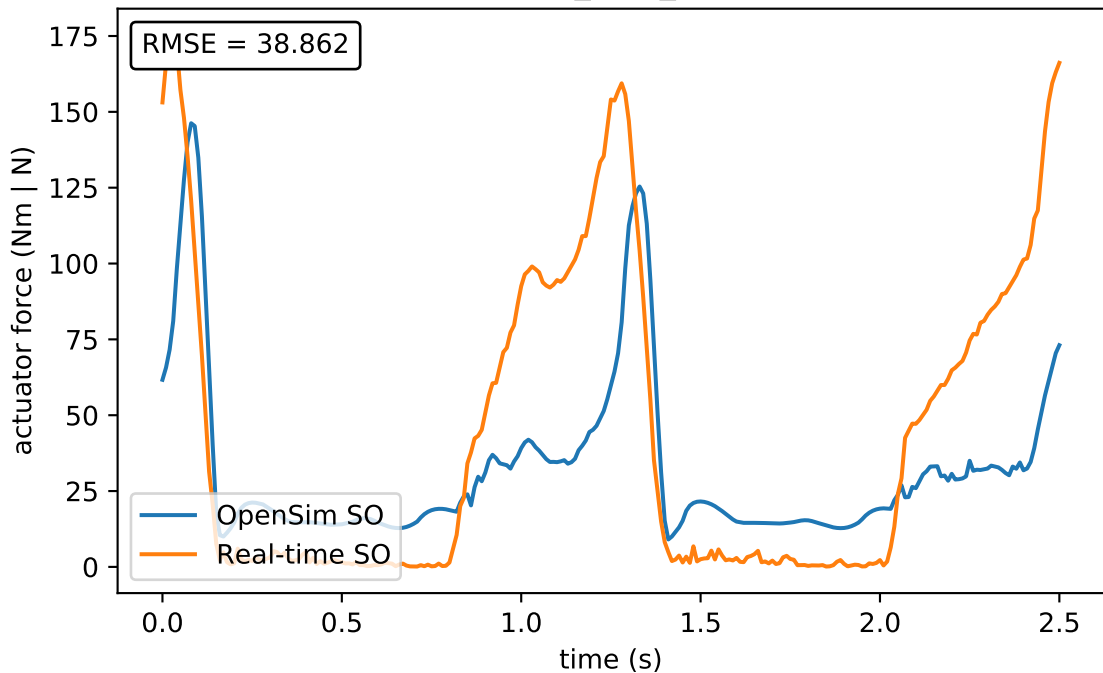
time (s)



soleus_r



tib_post_r



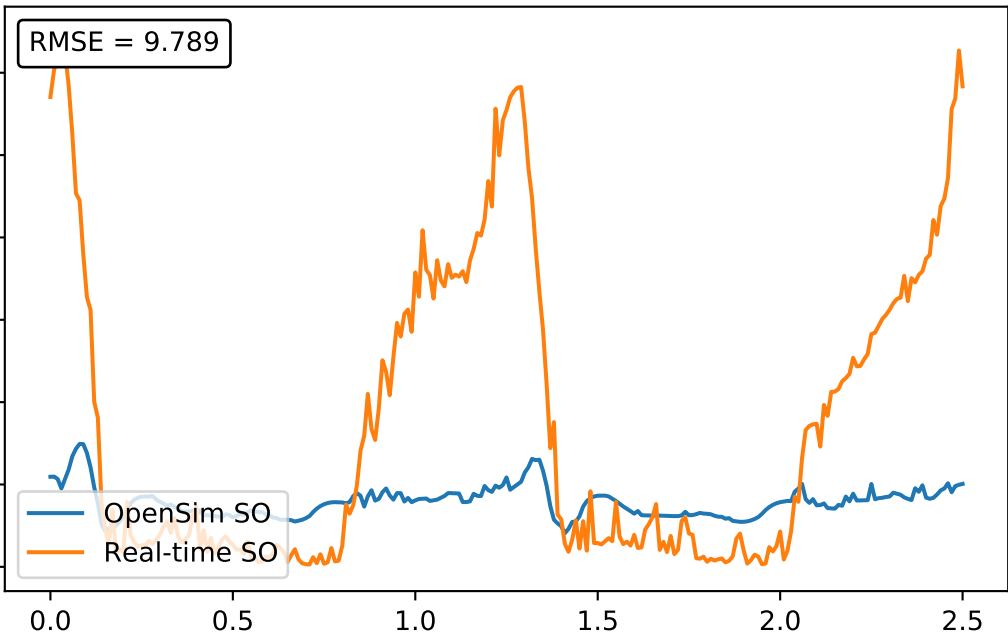
flex_dig_r

RMSE = 9.789

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



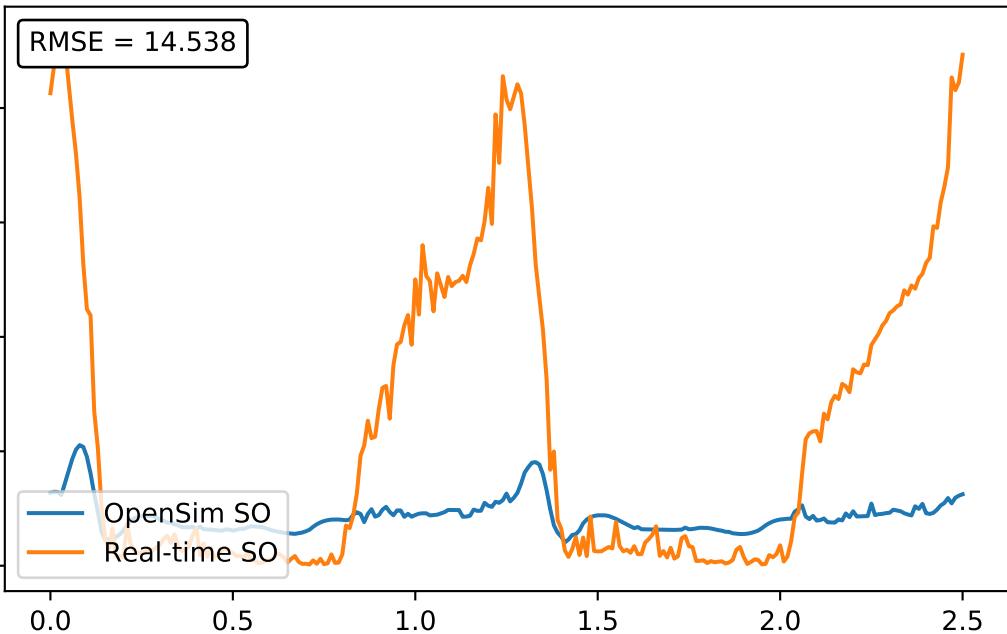
flex_hal_r

RMSE = 14.538

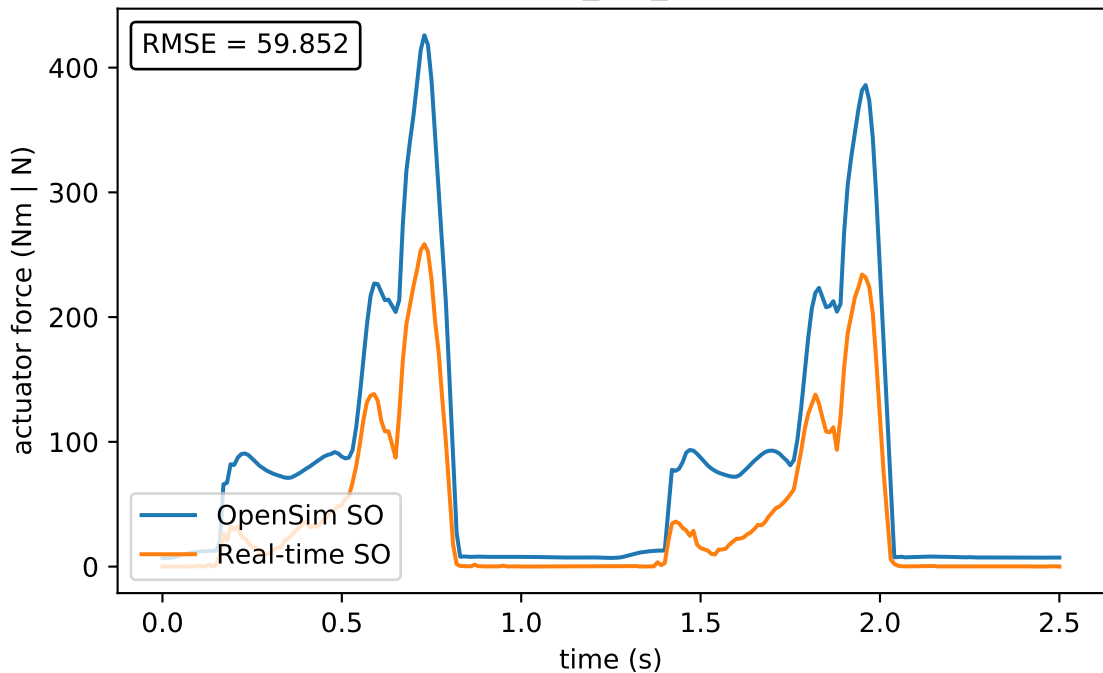
actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



tib_ant_r



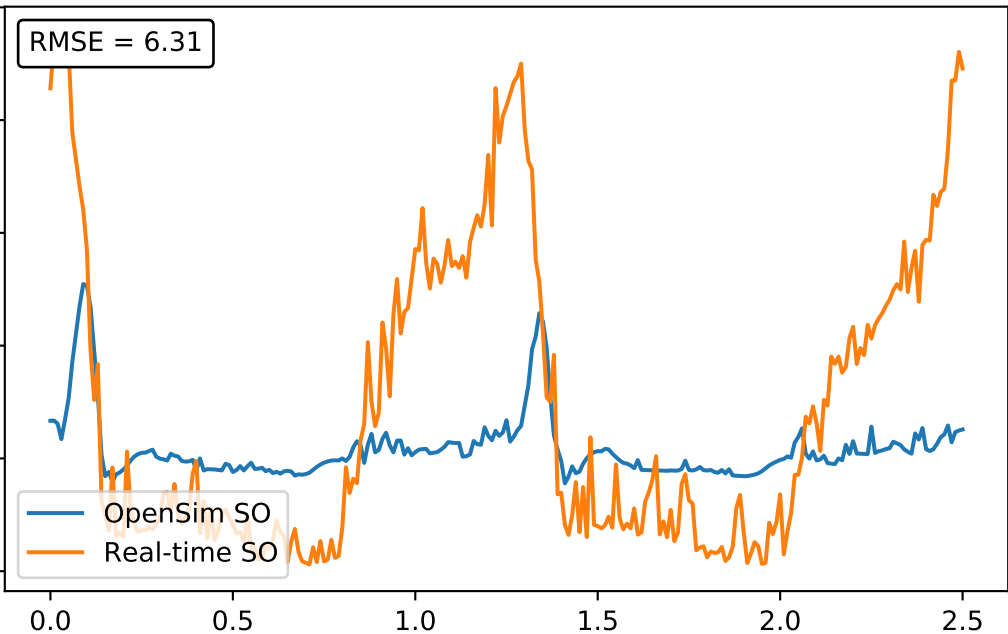
per_brev_r

RMSE = 6.31

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



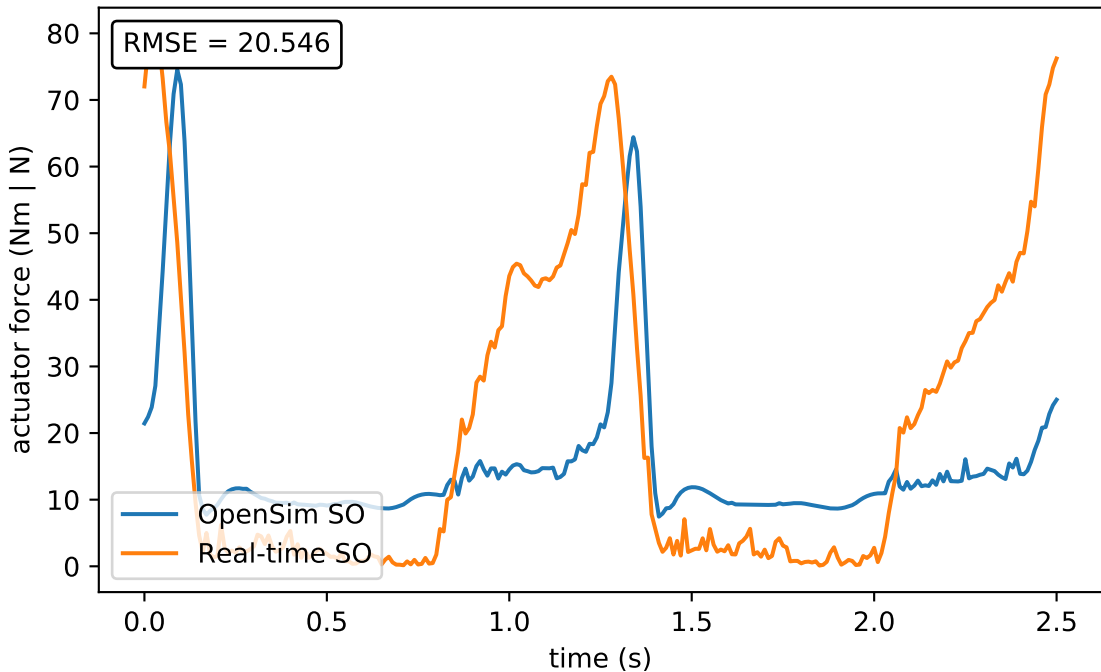
per_long_r

RMSE = 20.546

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



per_tert_r

RMSE = 6.151

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)

0.0

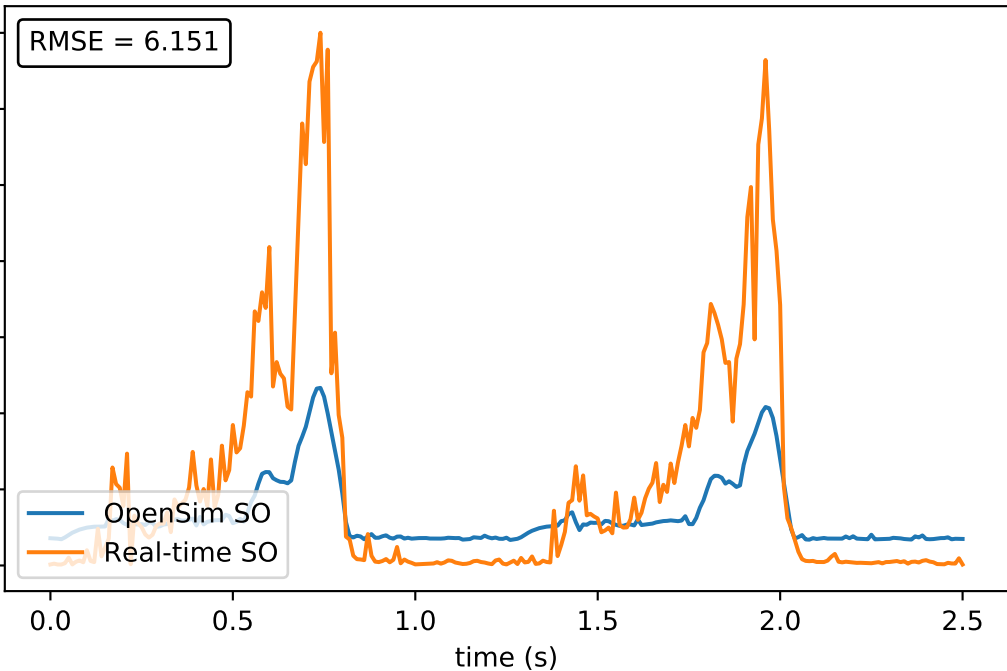
0.5

1.0

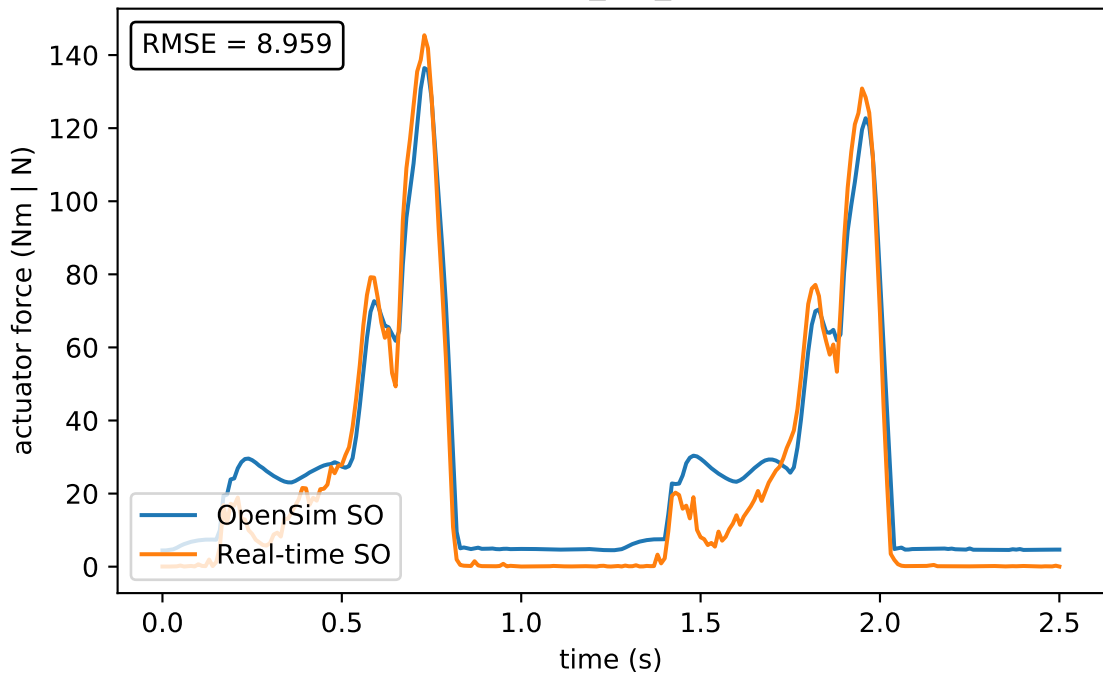
1.5

2.0

2.5



ext_dig_r



ext_hal_r

RMSE = 10.416

actuator force (Nm | N)

OpenSim SO
Real-time SO

0.0

0.5

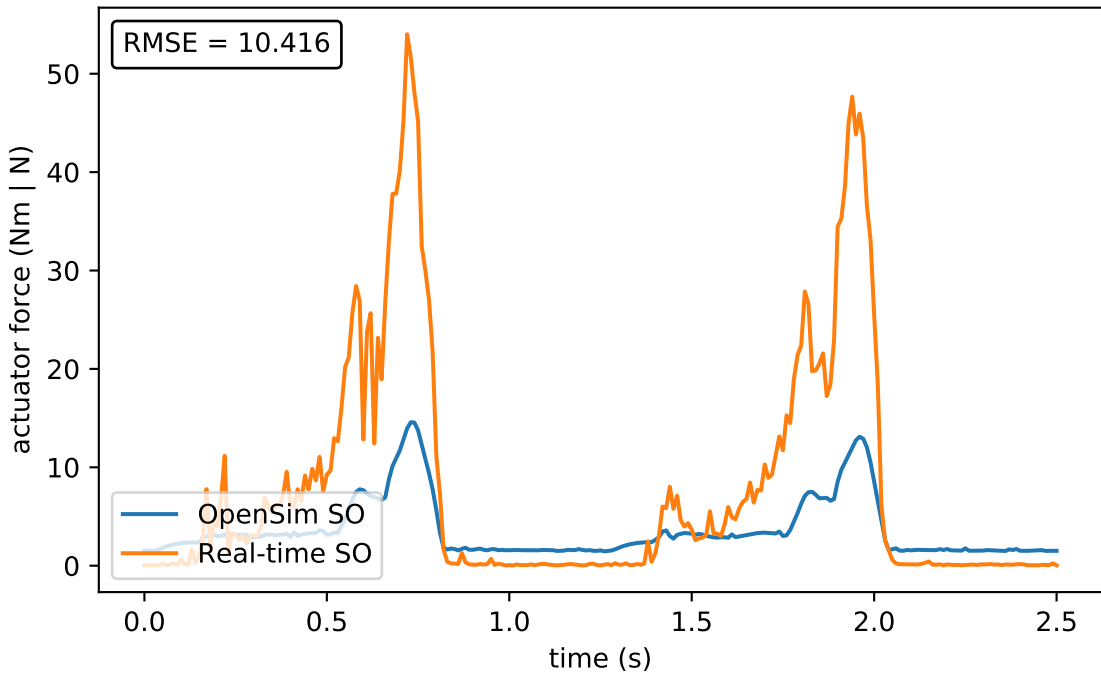
1.0

1.5

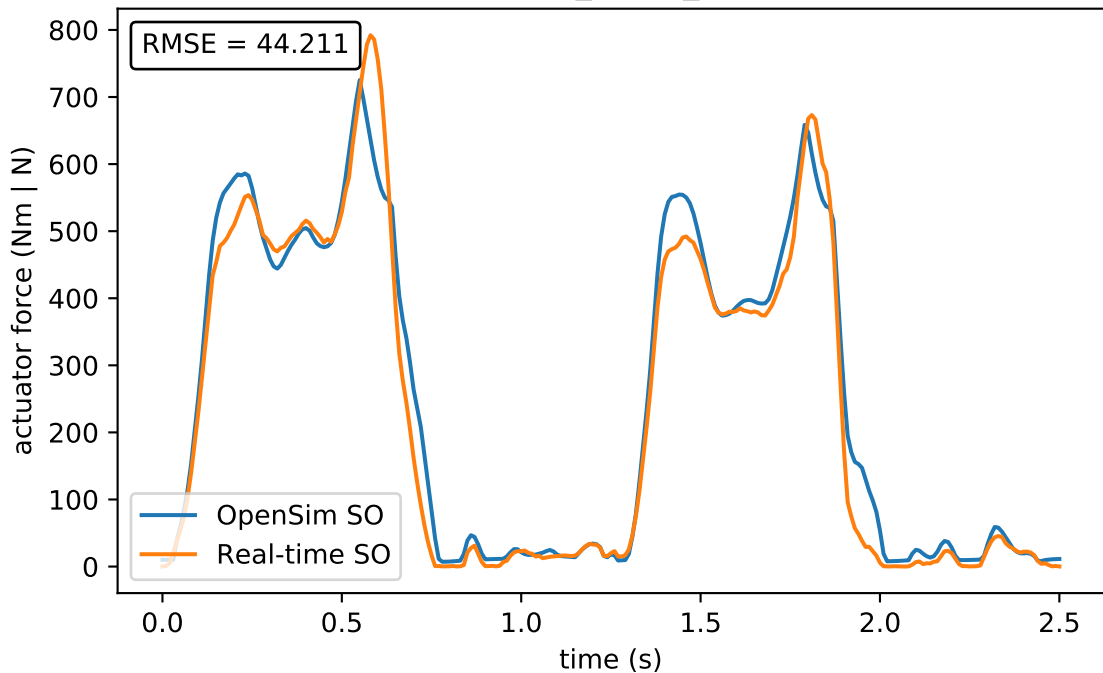
2.0

2.5

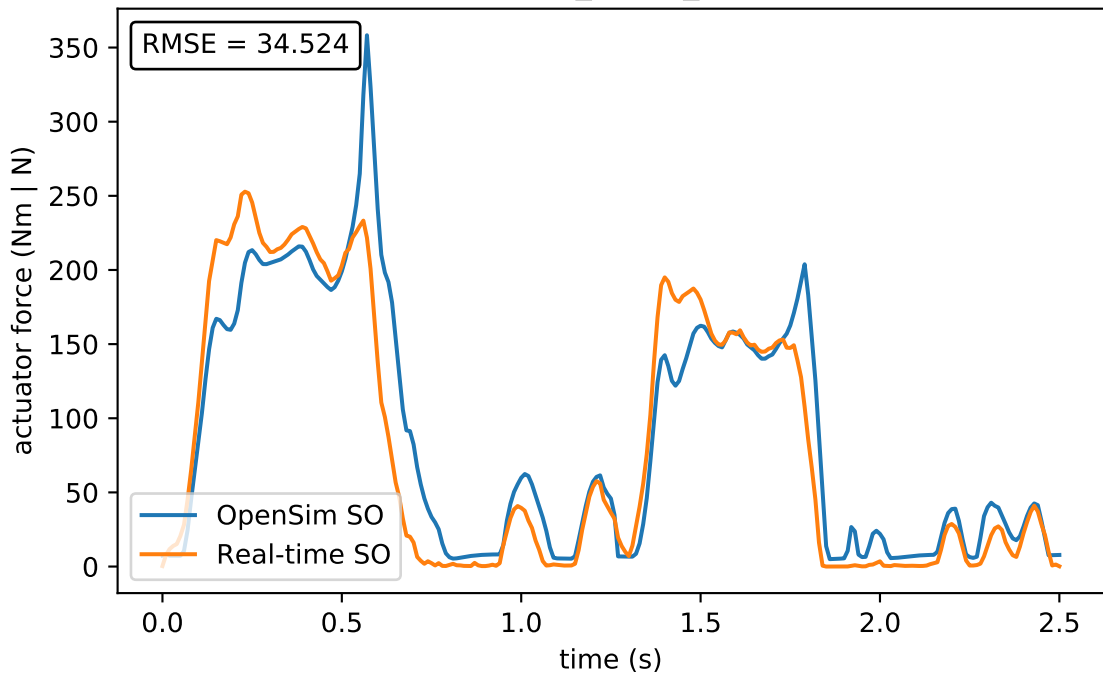
time (s)



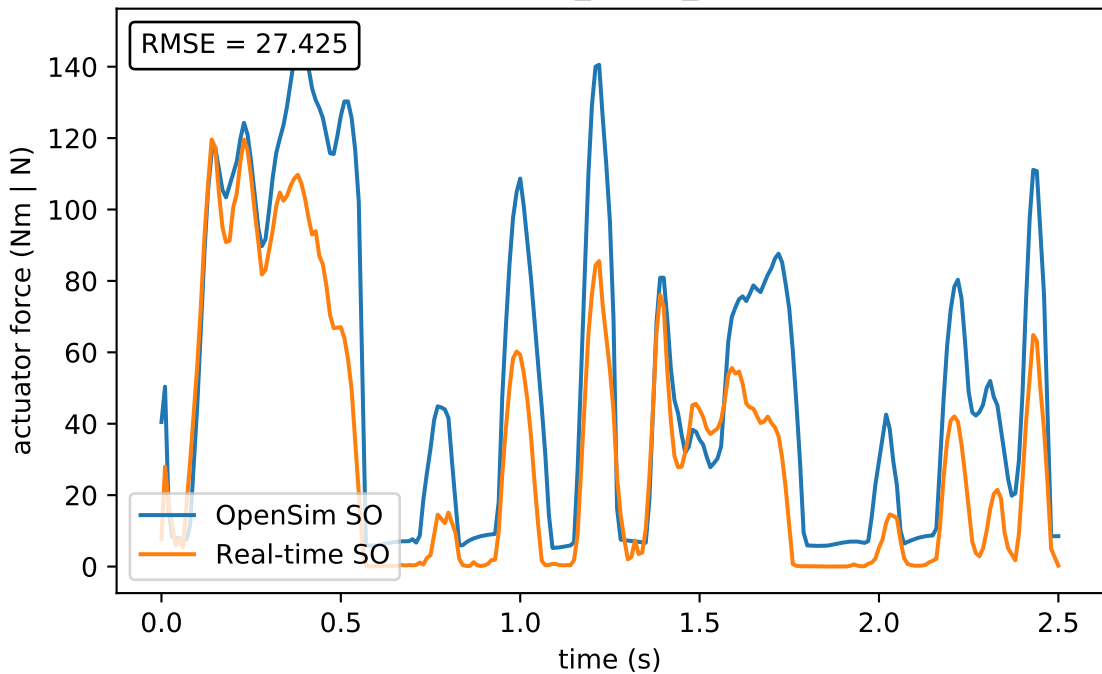
glut_med1_l



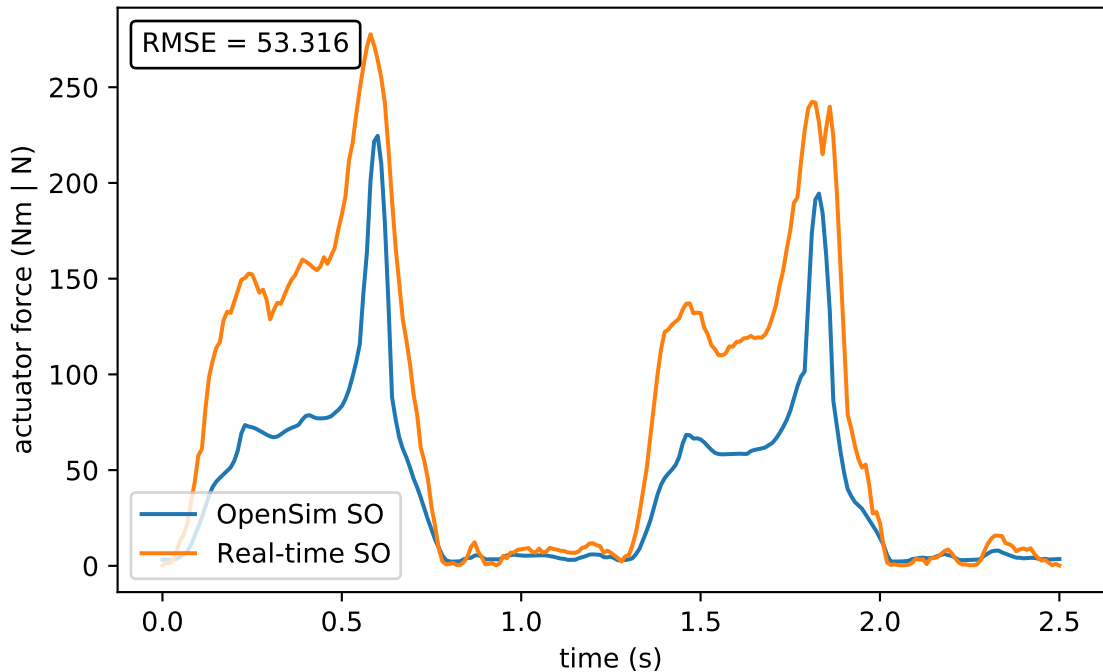
glut_med2_l



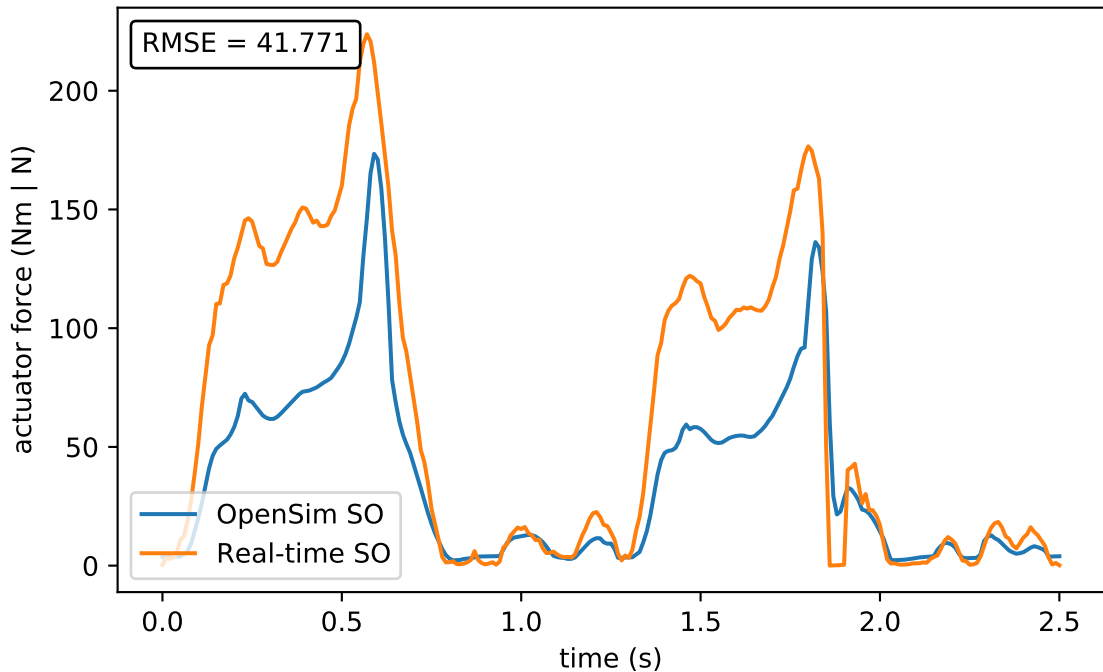
glut_med3_l



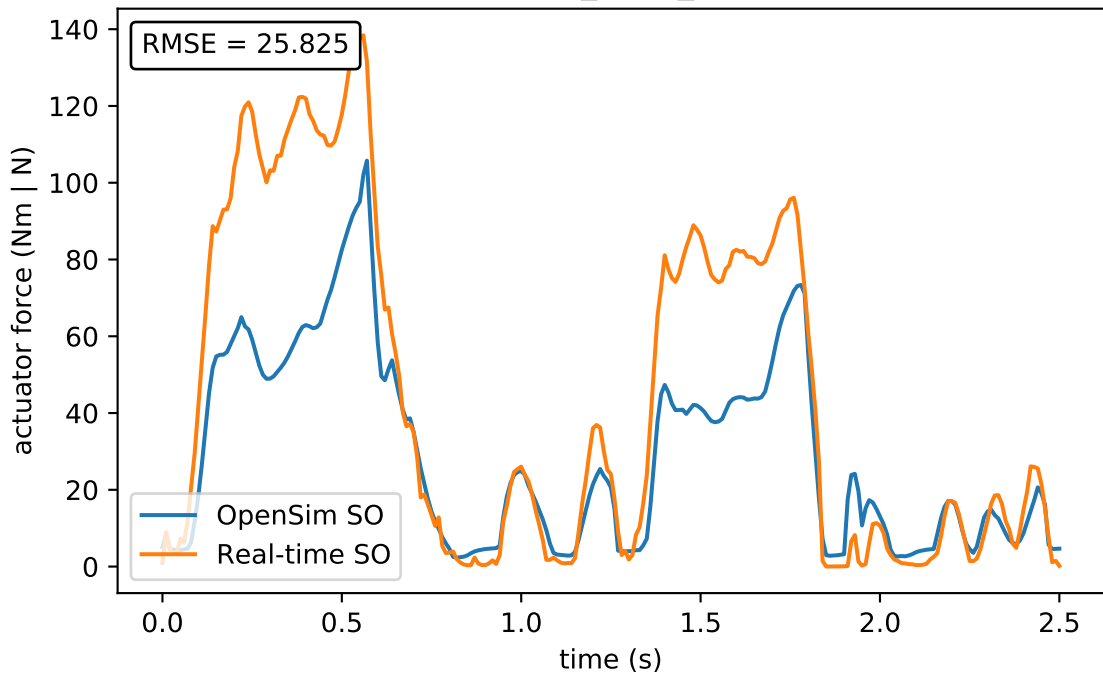
glut_min1_l



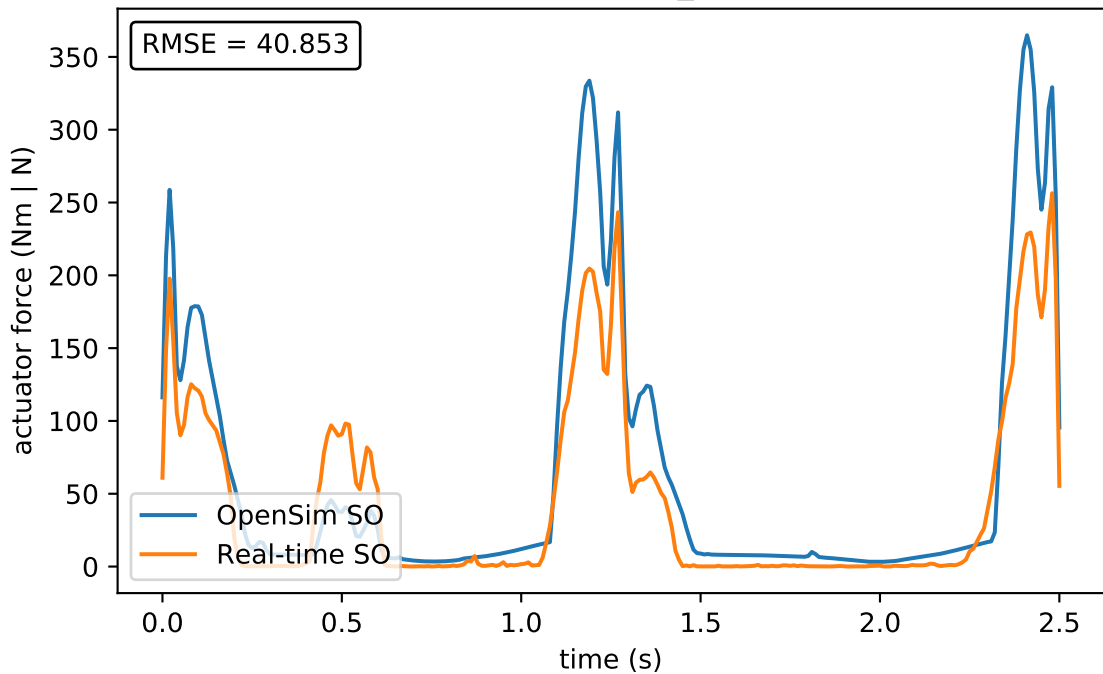
glut_min2_l



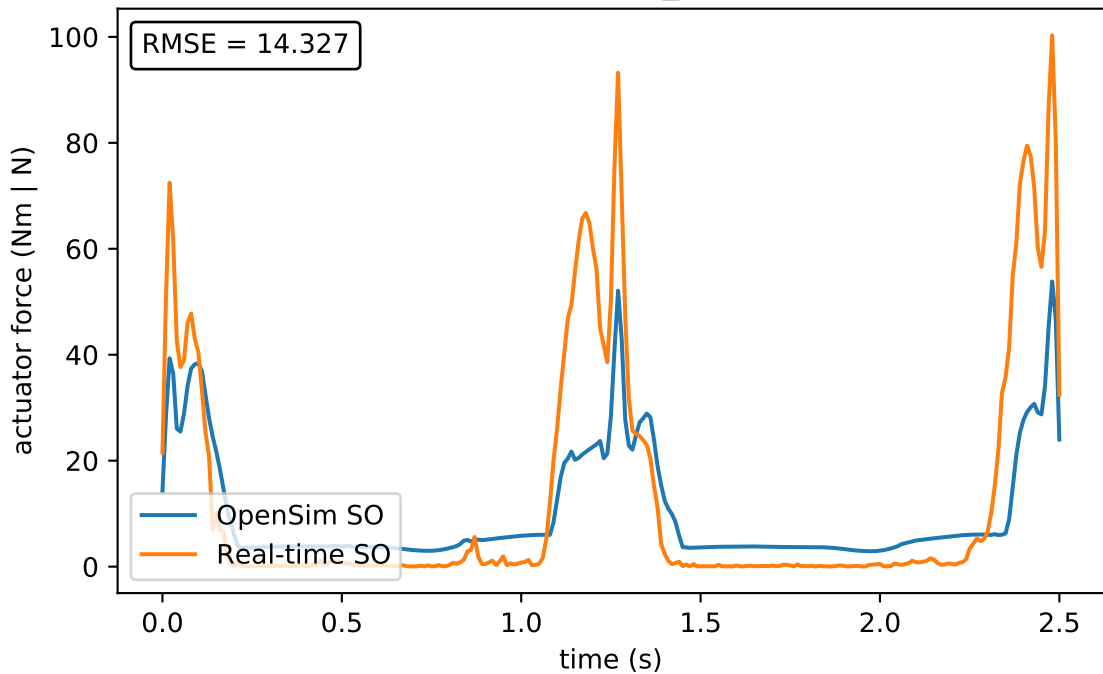
glut_min3_l



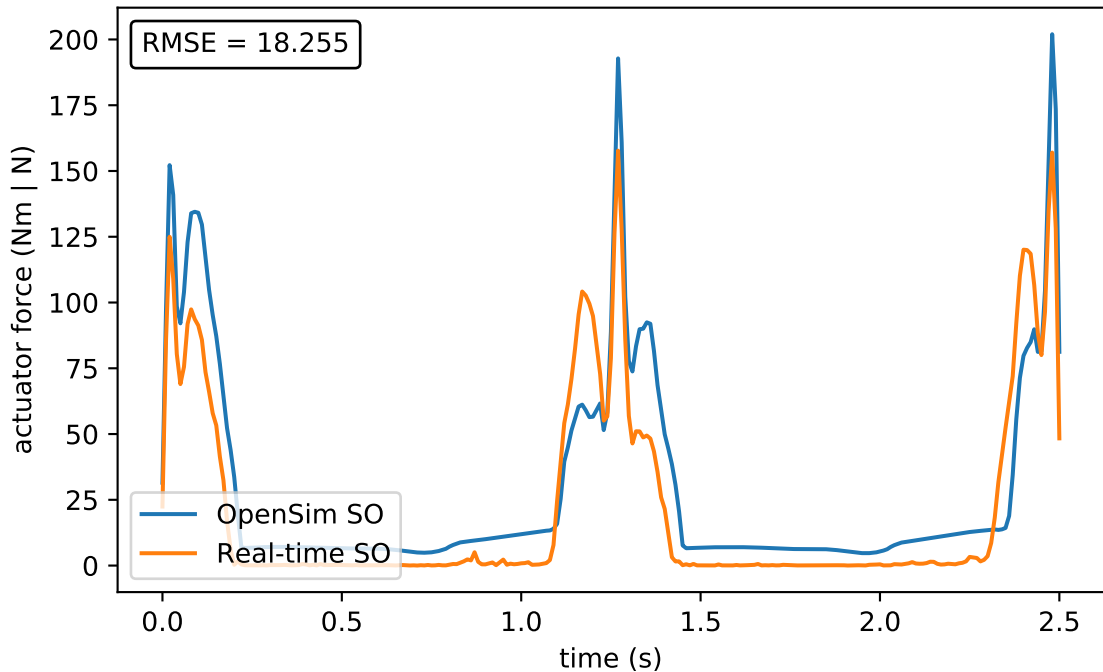
semimem_l



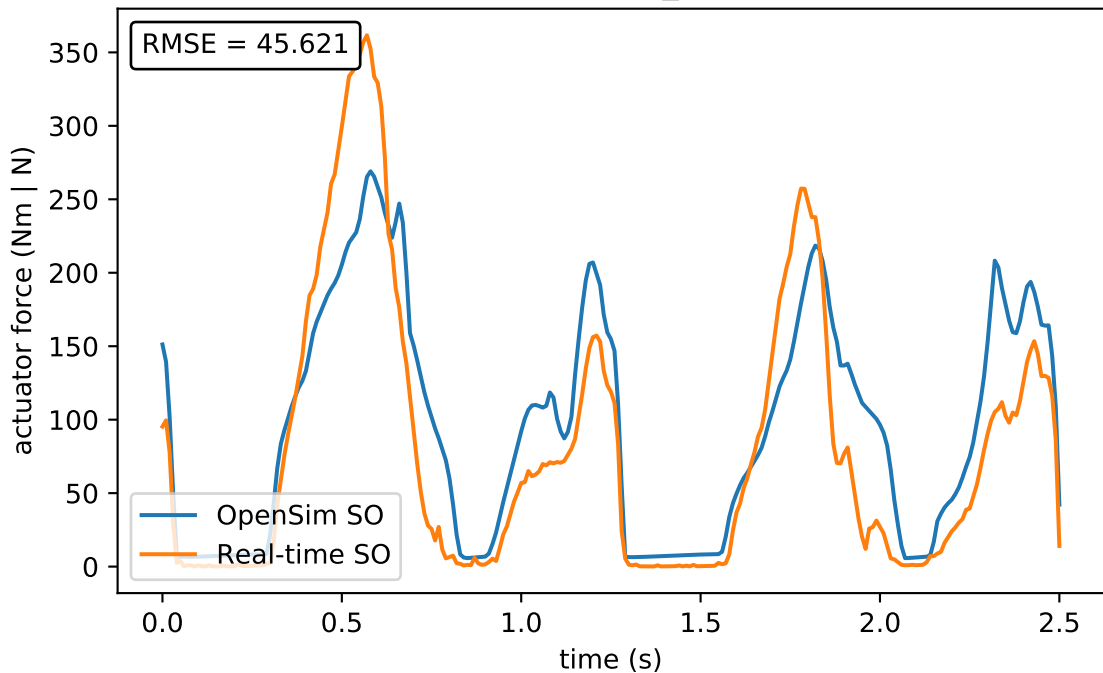
semiten_l



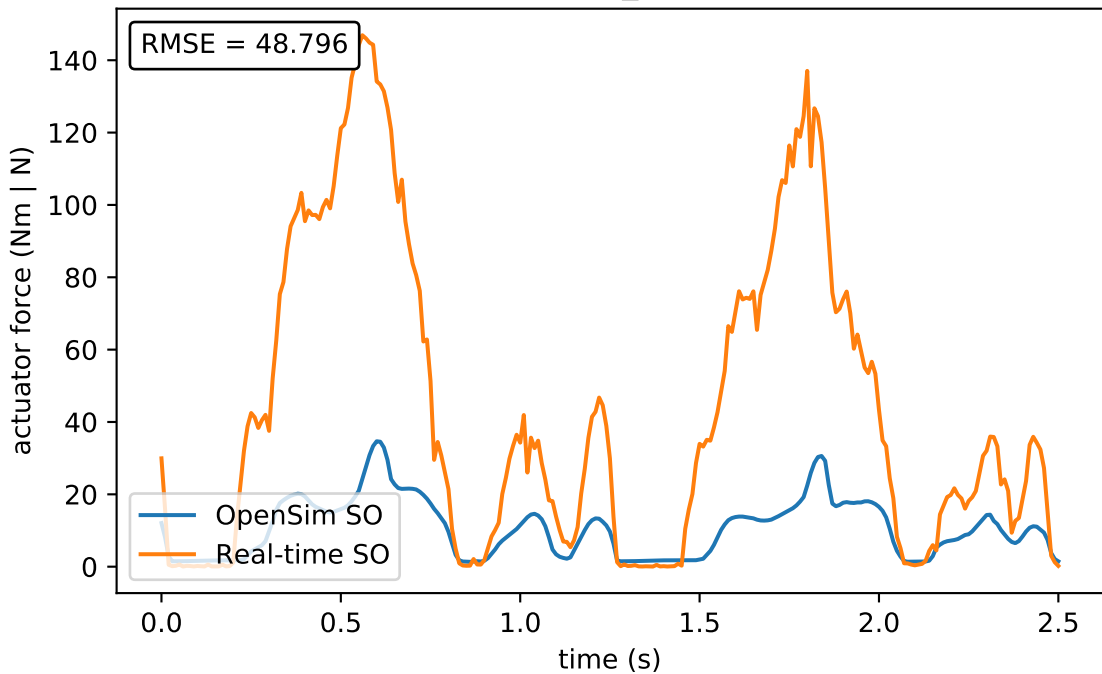
bifemlh_l



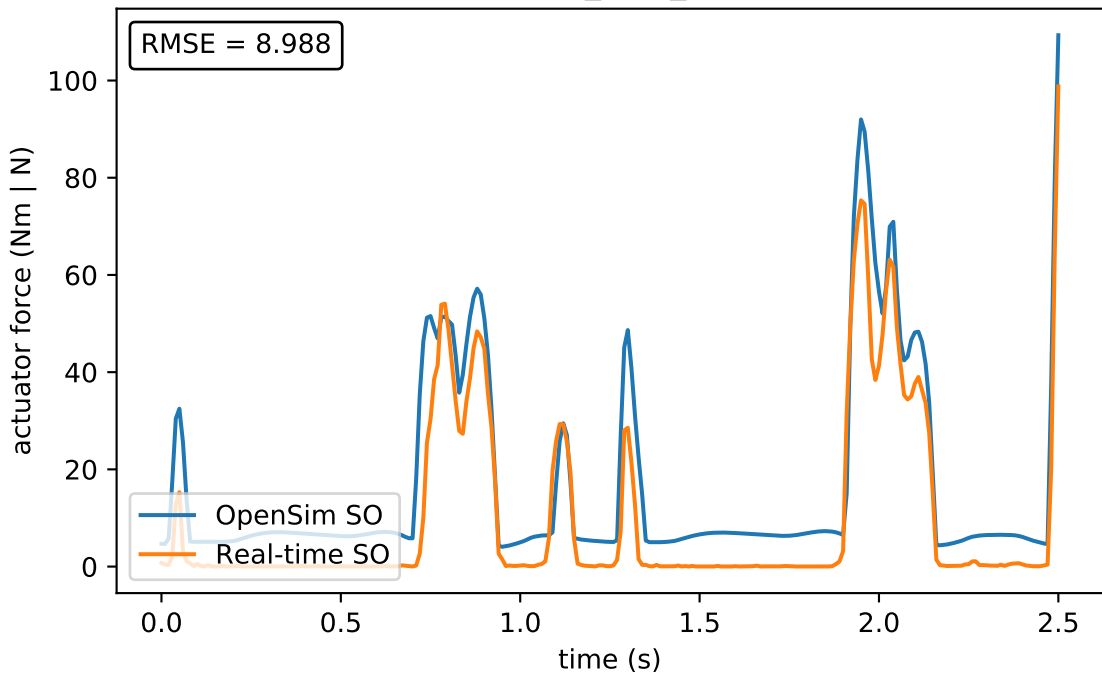
bifemsh_l



sar_l



add_long_l



add_brev_l

RMSE = 4.411

actuator force (Nm | N)

OpenSim SO
Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5

time (s)

60
50
40
30
20
10
0

0.0 0.5 1.0 1.5 2.0 2.5

60
50
40
30
20
10
0

add_mag1_l

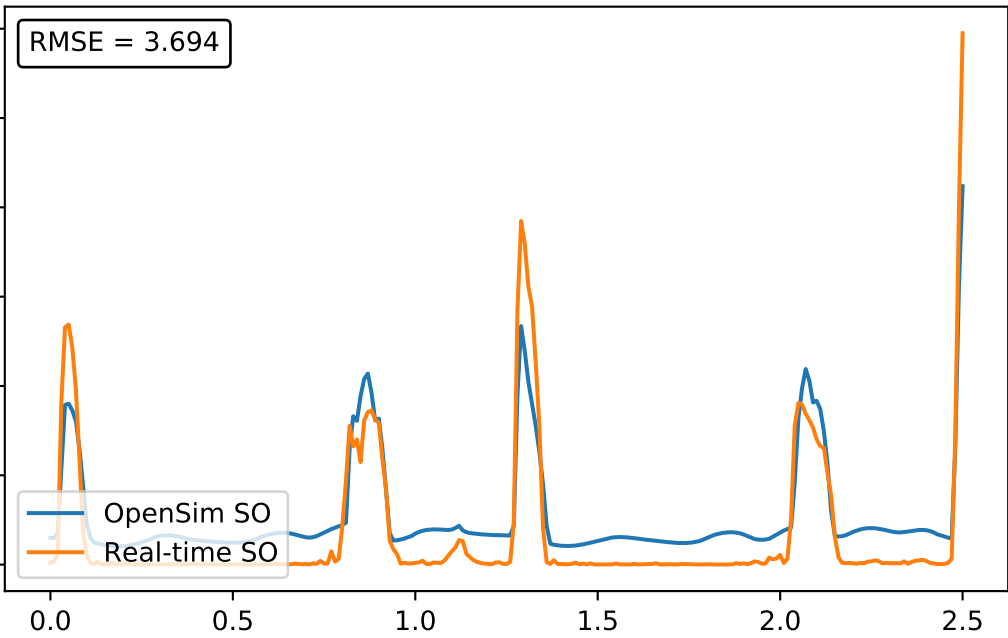
RMSE = 3.694

actuator force (Nm | N)

OpenSim SO
Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5

time (s)



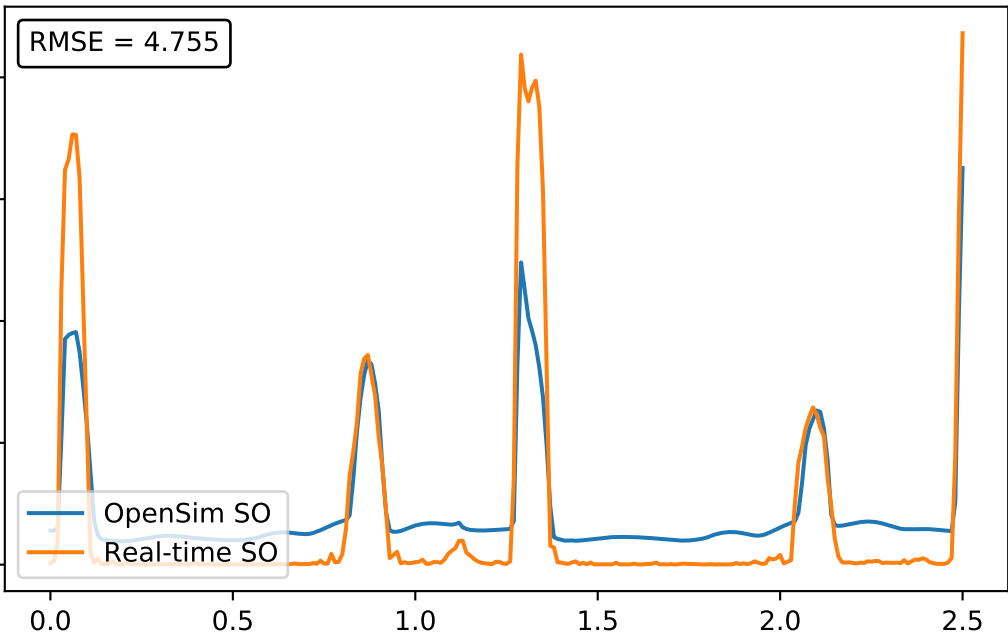
add_mag2_l

RMSE = 4.755

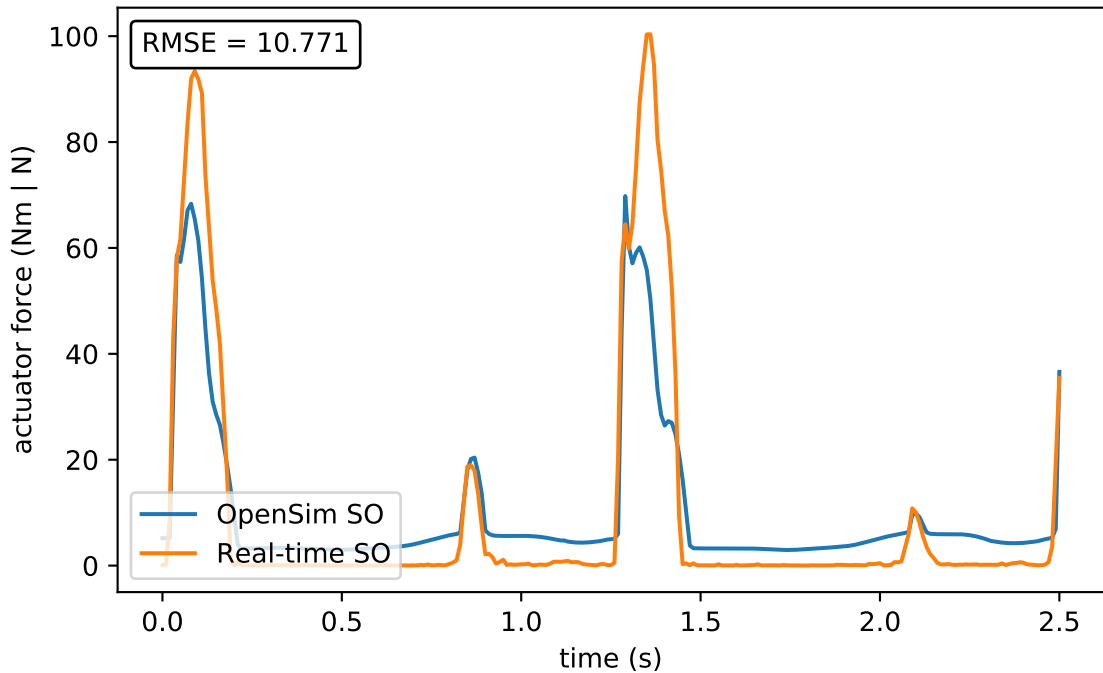
actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



add_mag3_l



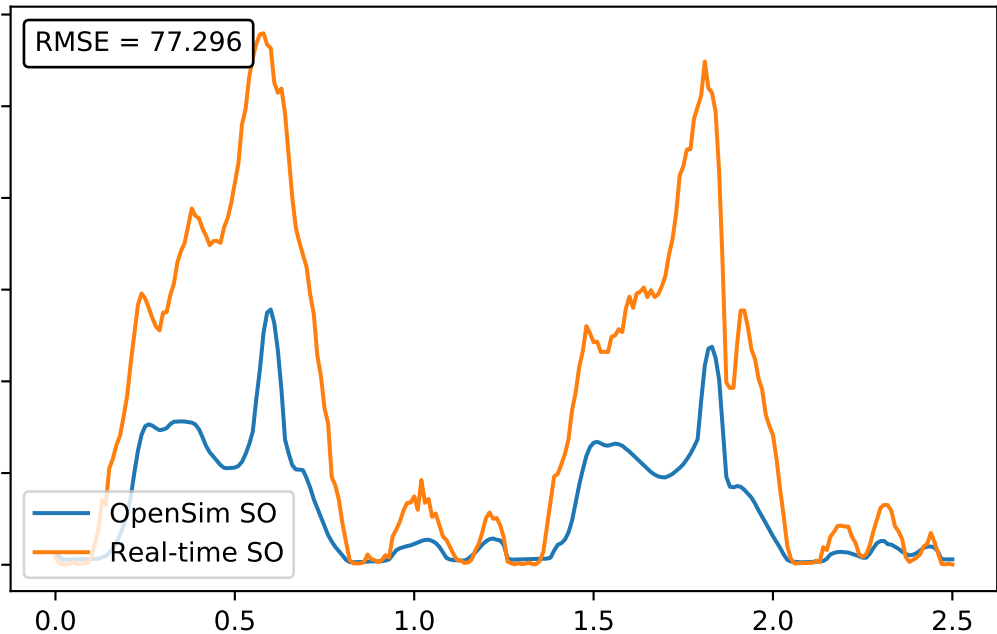
tfl_l

RMSE = 77.296

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



pect_l

RMSE = 5.286

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)

0.0

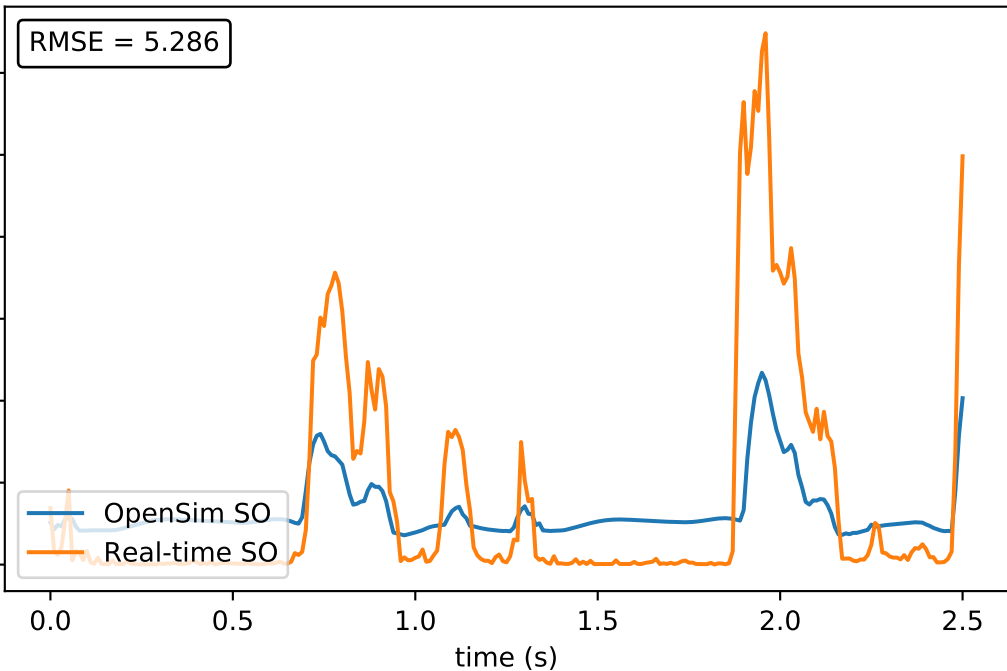
0.5

1.0

1.5

2.0

2.5



grac_l

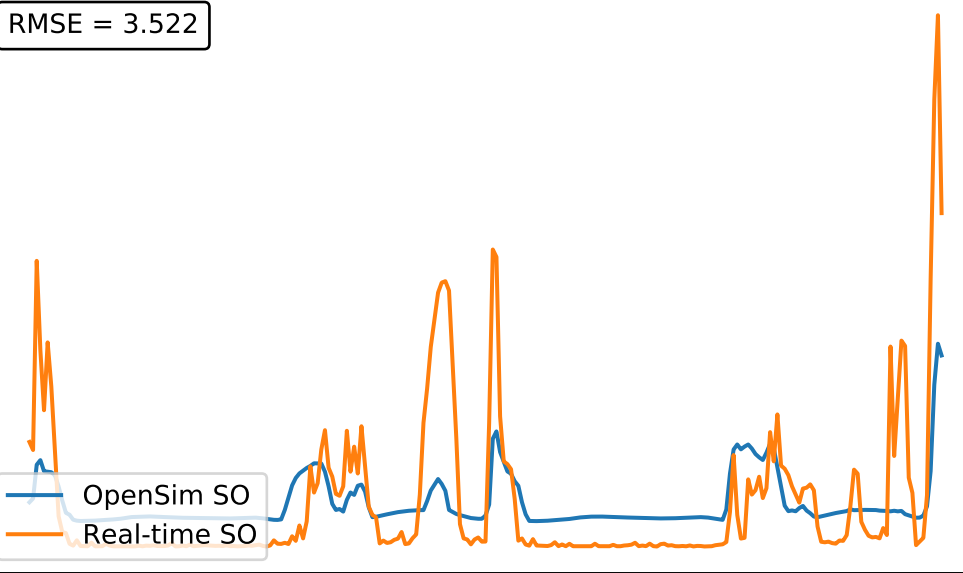
RMSE = 3.522

actuator force (Nm | N)

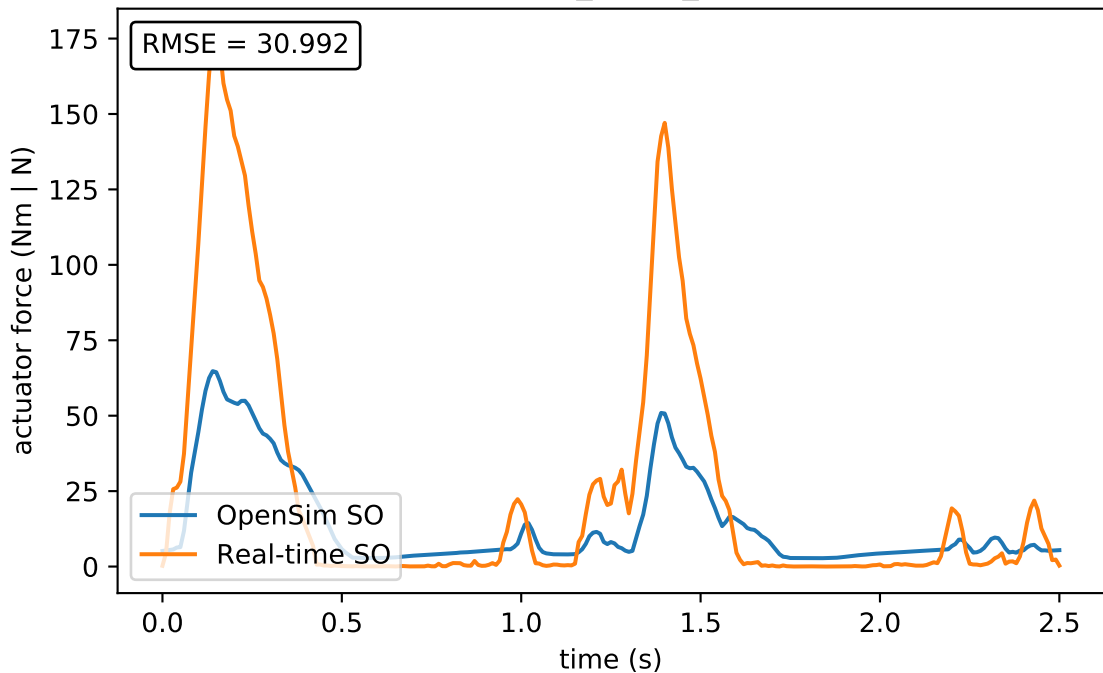
OpenSim SO
Real-time SO

time (s)

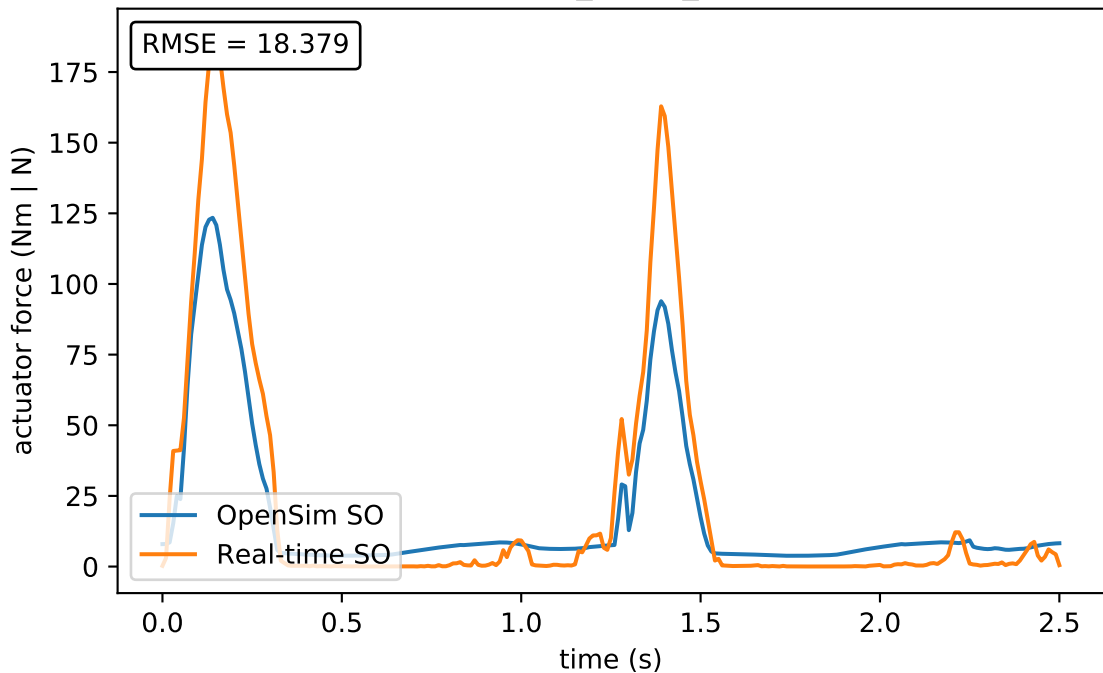
0.0 0.5 1.0 1.5 2.0 2.5



glut_max1_l



glut_max2_l



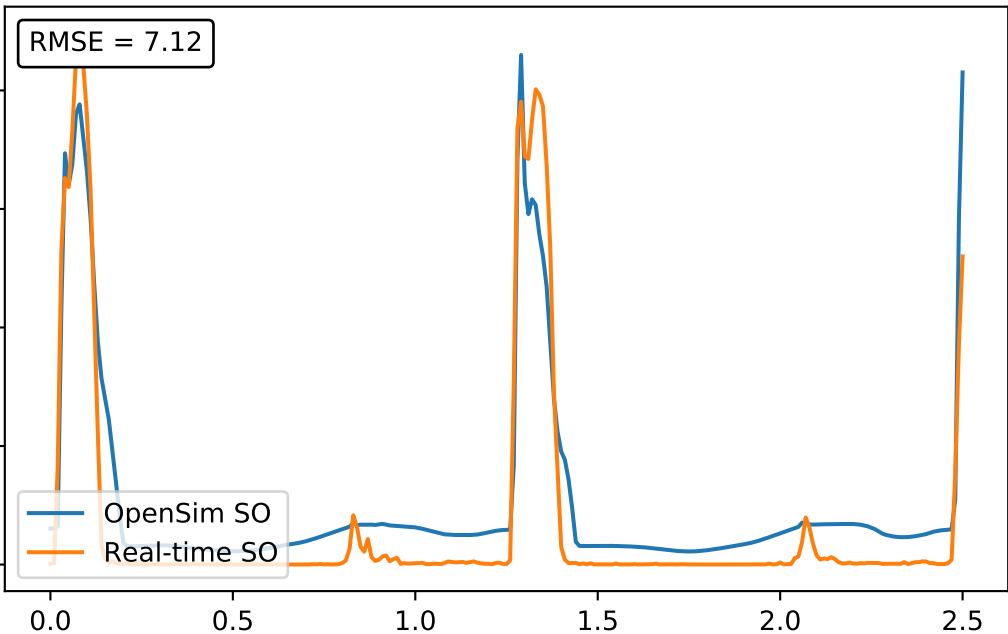
glut_max3_l

RMSE = 7.12

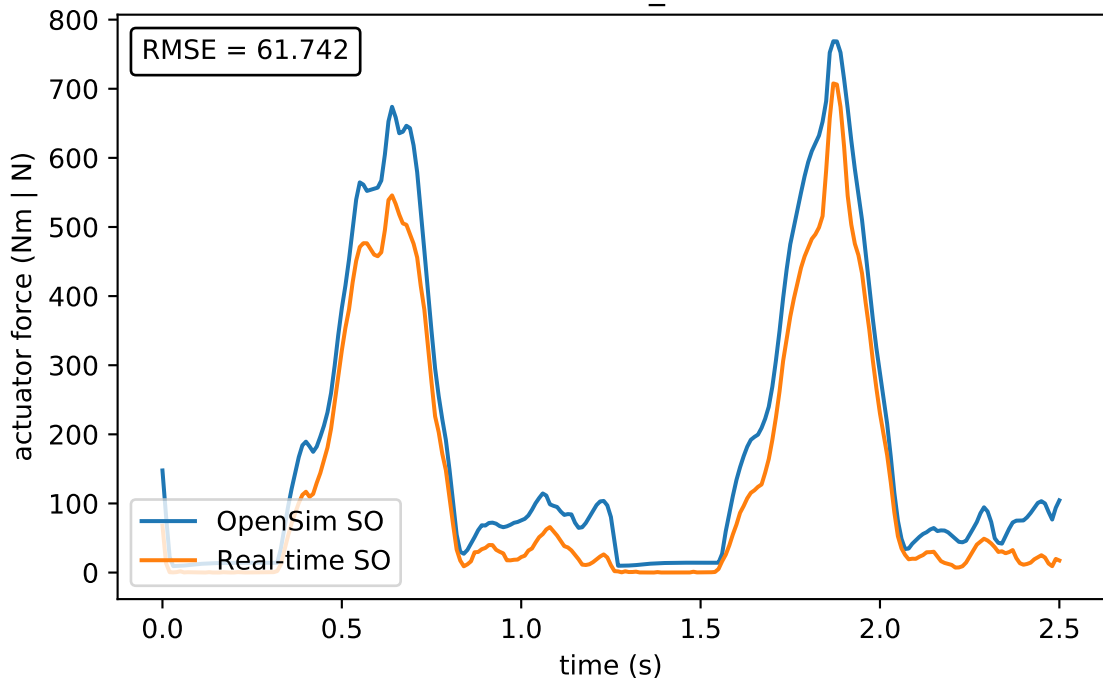
actuator force (Nm | N)

OpenSim SO
Real-time SO

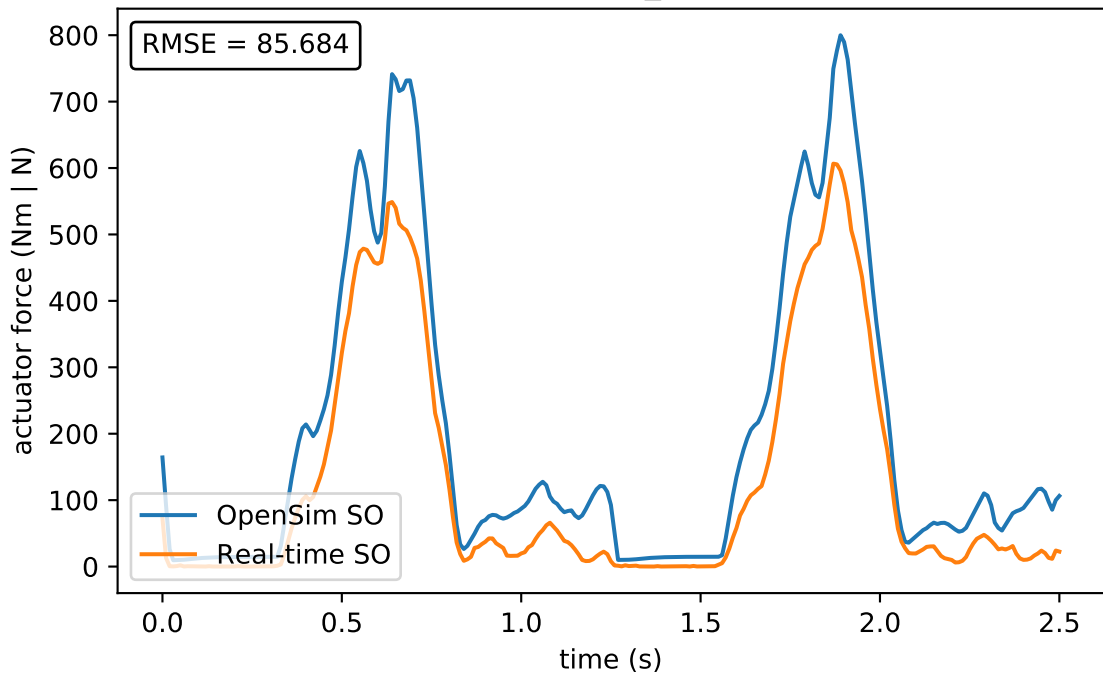
time (s)



iliacus_l



psoas_l



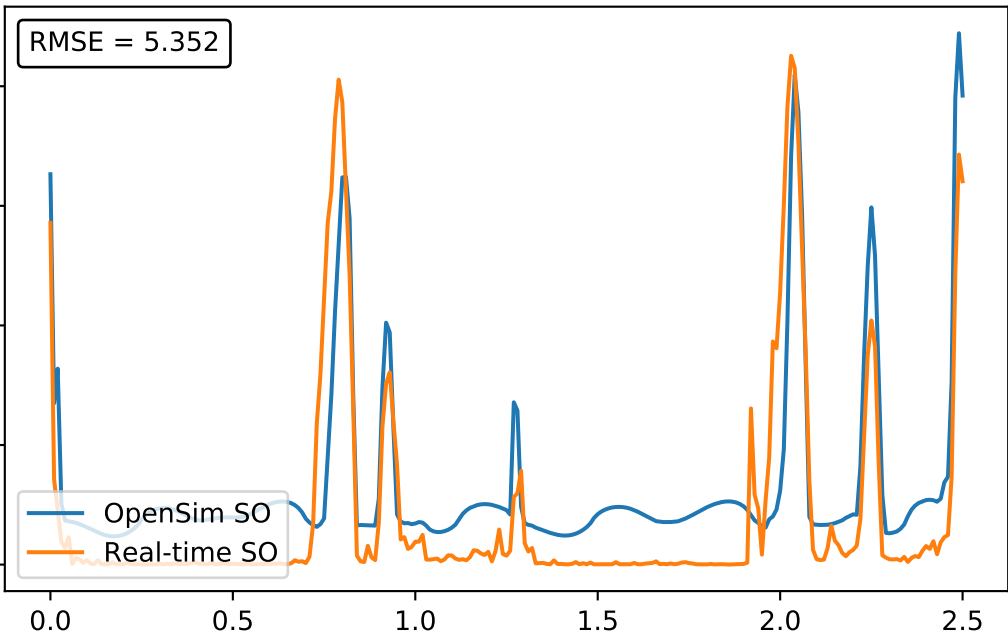
quad_fem_l

RMSE = 5.352

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



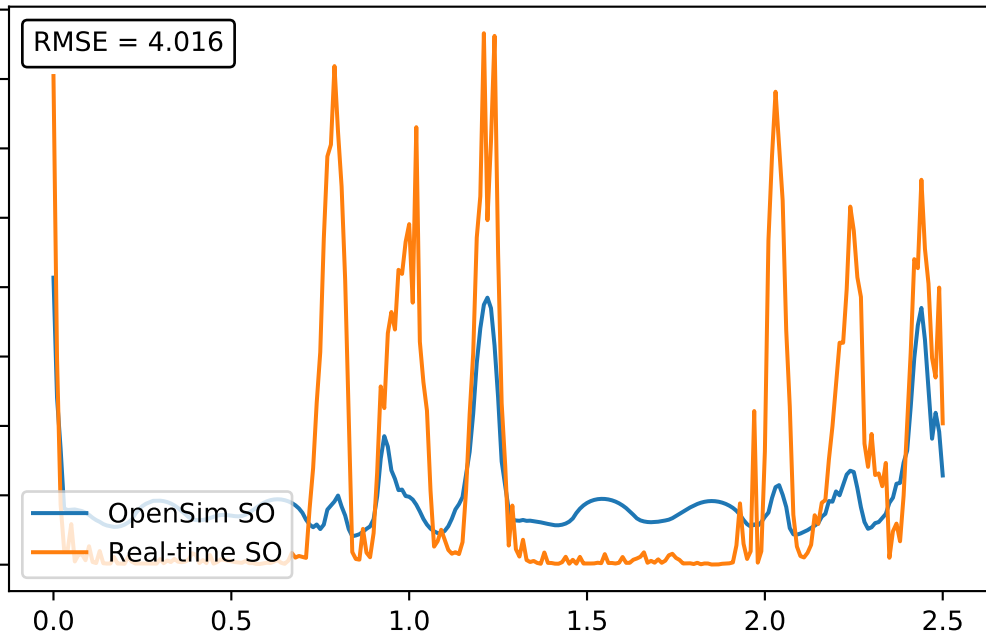
gem_l

RMSE = 4.016

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



peri_l

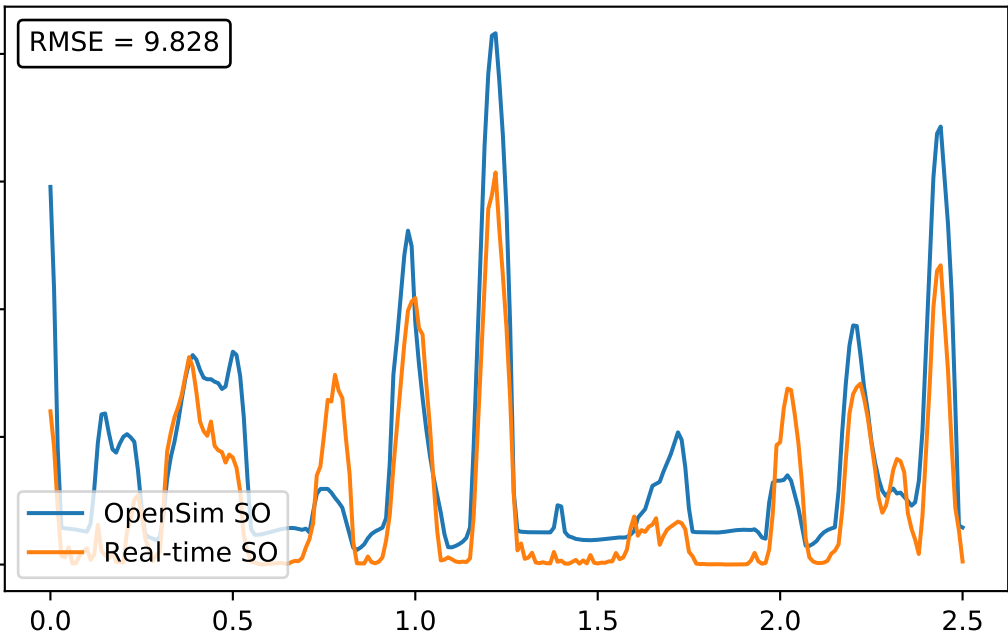
RMSE = 9.828

actuator force (Nm | N)

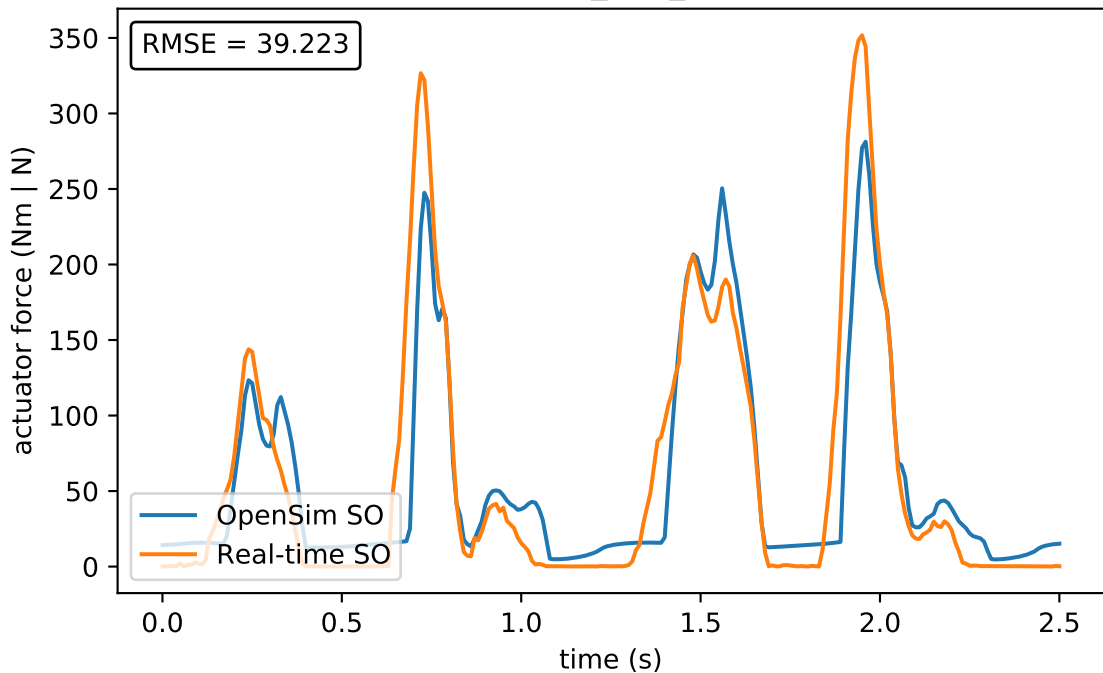
OpenSim SO
Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5

time (s)



rect_fem_l



vas_med_l

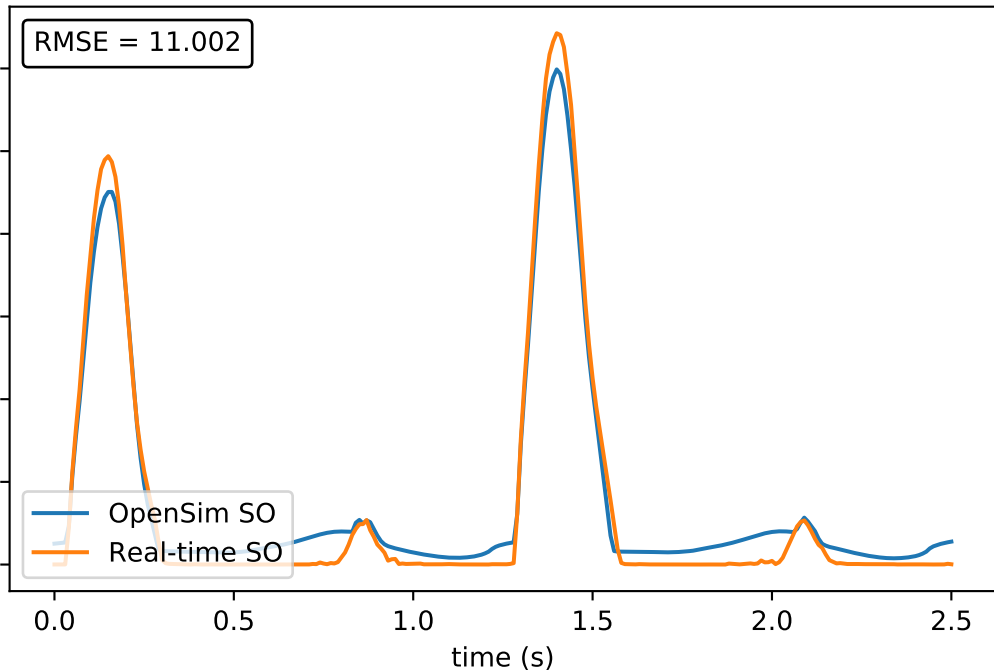
RMSE = 11.002

actuator force (Nm | N)

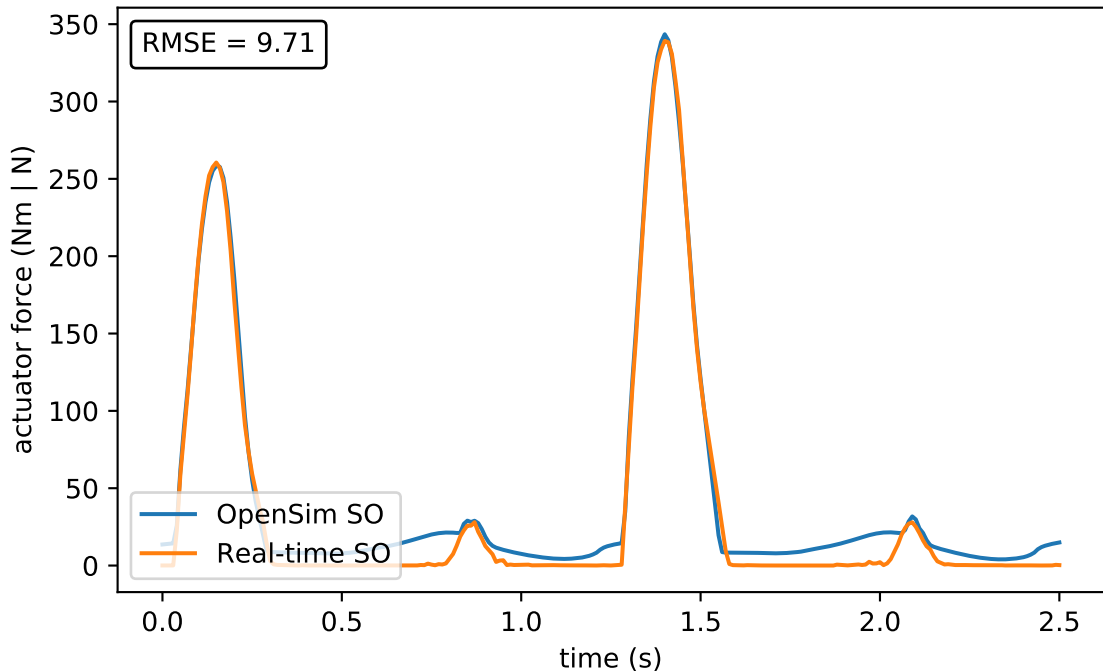
OpenSim SO
Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5

time (s)



vas_int_l



vas_lat_l

RMSE = 47.912

actuator force (Nm | N)

— OpenSim SO
— Real-time SO

0.0

0.5

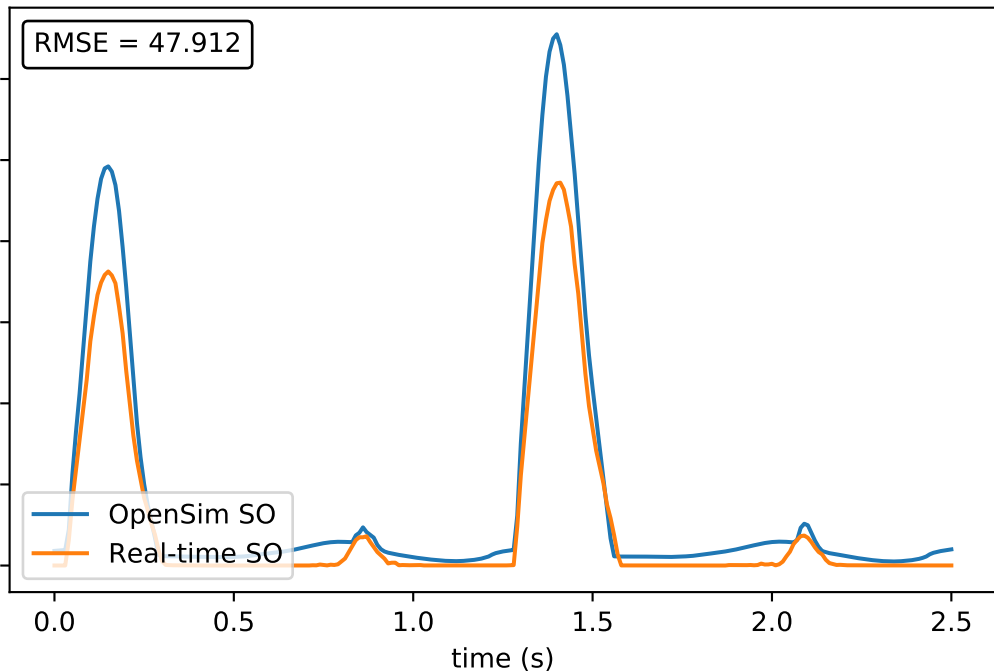
1.0

time (s)

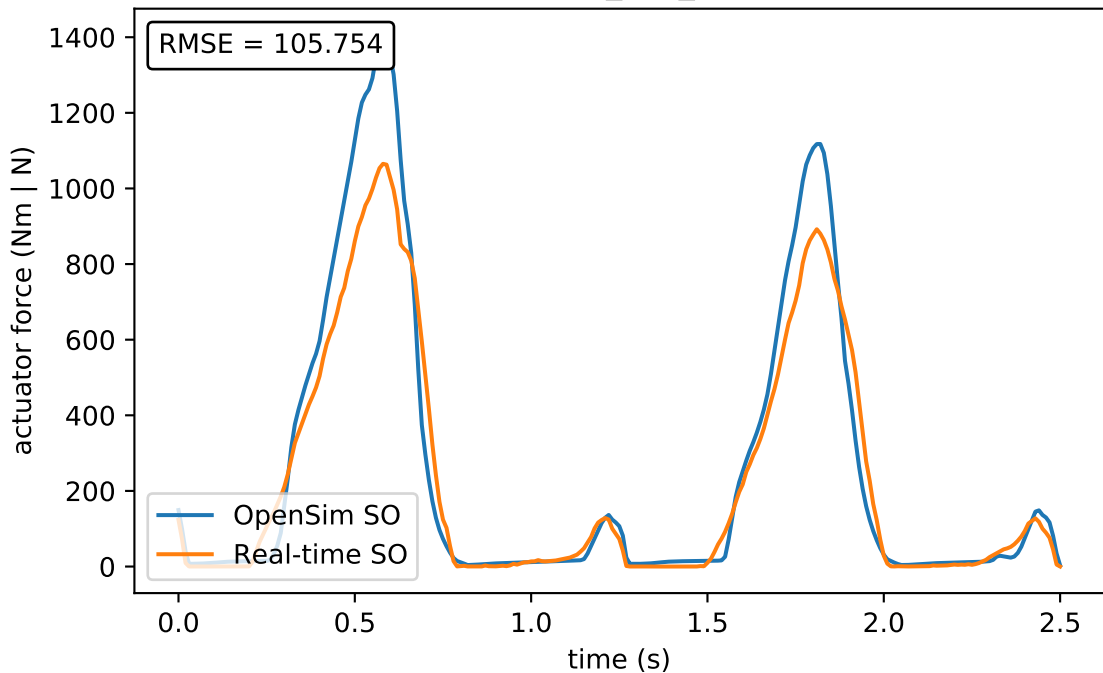
1.5

2.0

2.5



med_gas_l



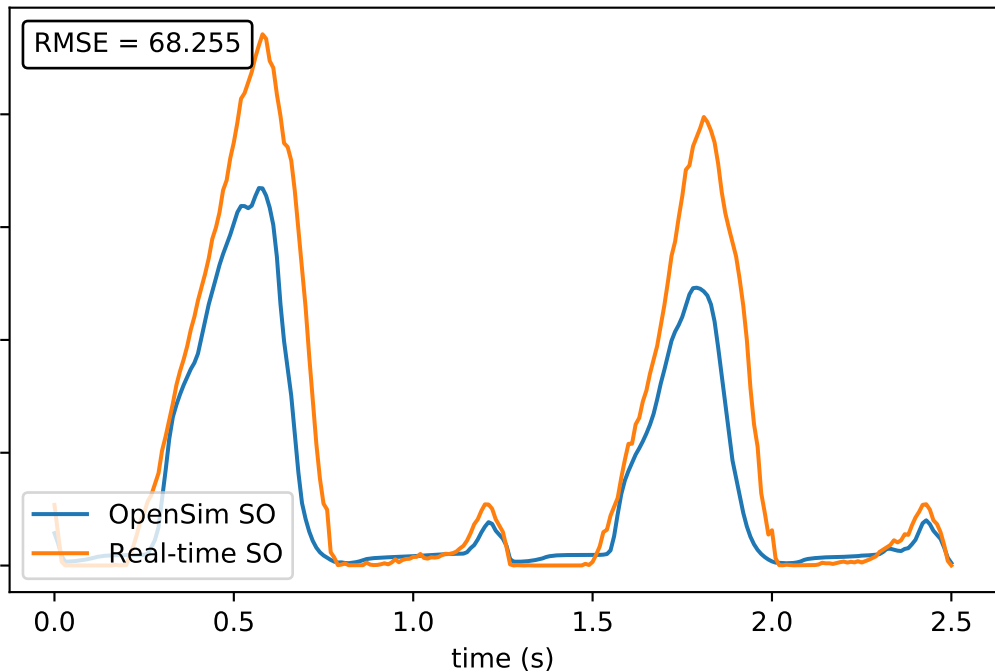
lat_gas_l

RMSE = 68.255

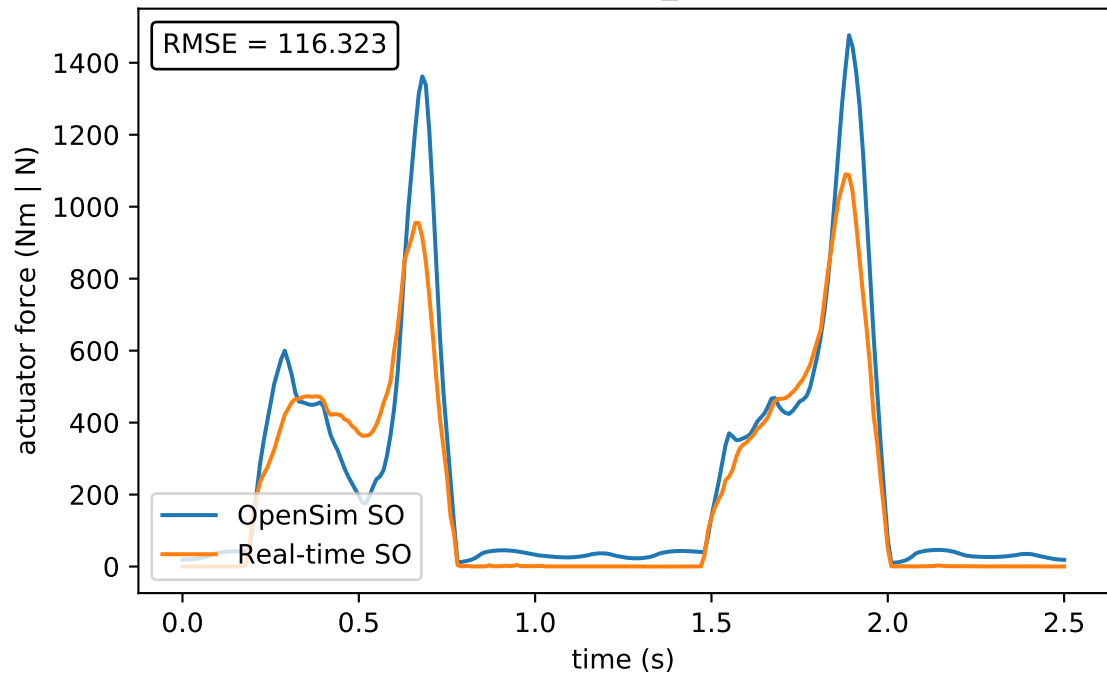
actuator force (Nm | N)

OpenSim SO
Real-time SO

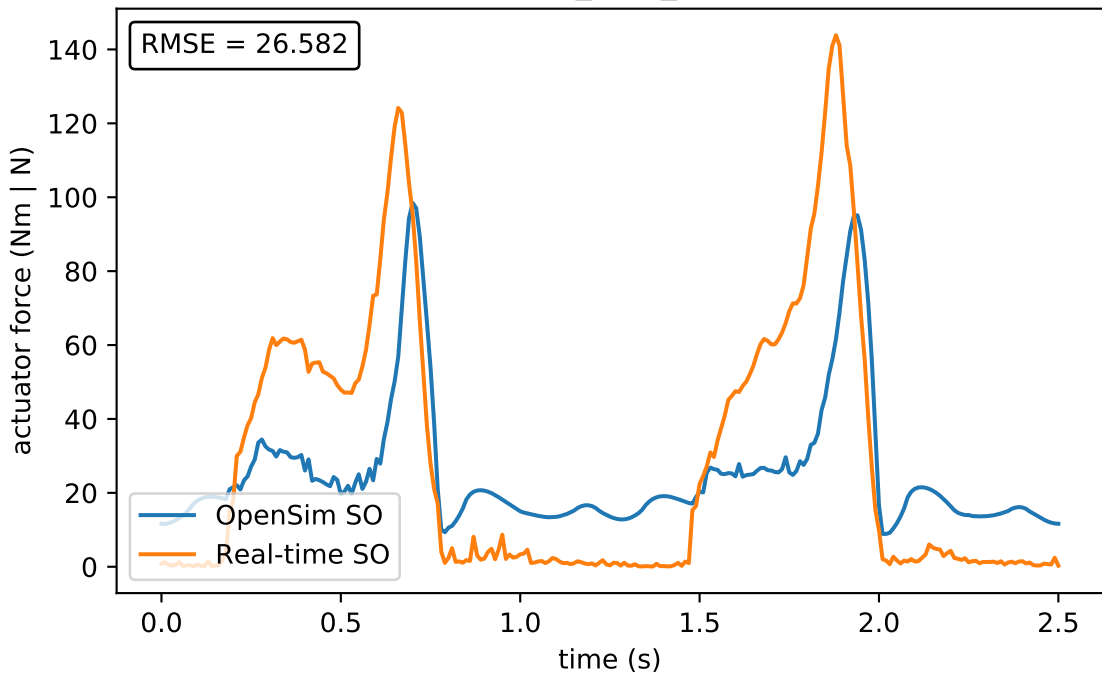
time (s)



soleus_l



tib_post_l



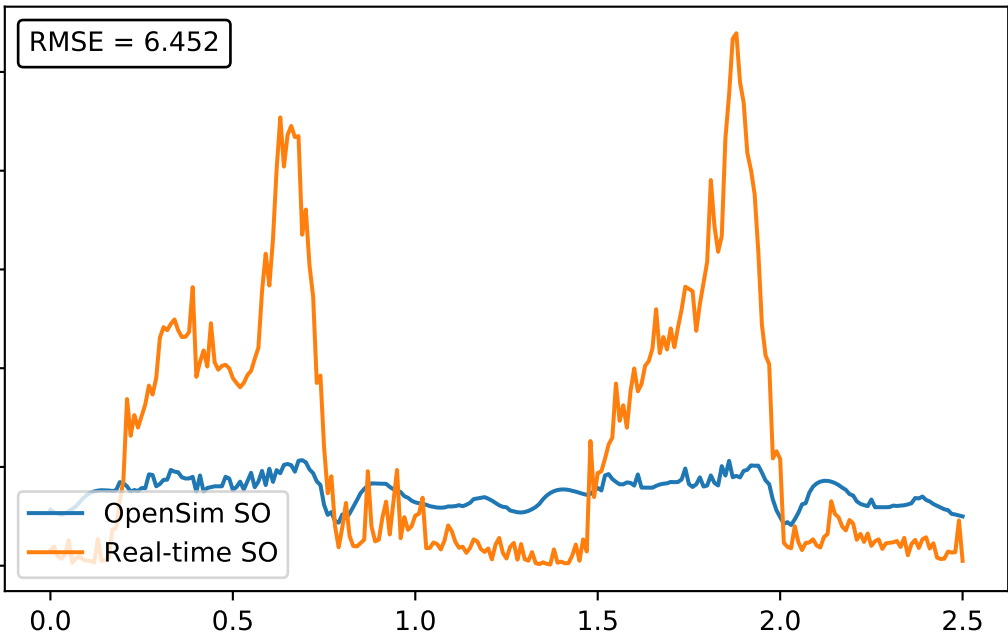
flex_dig_l

RMSE = 6.452

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



flex_hal_l

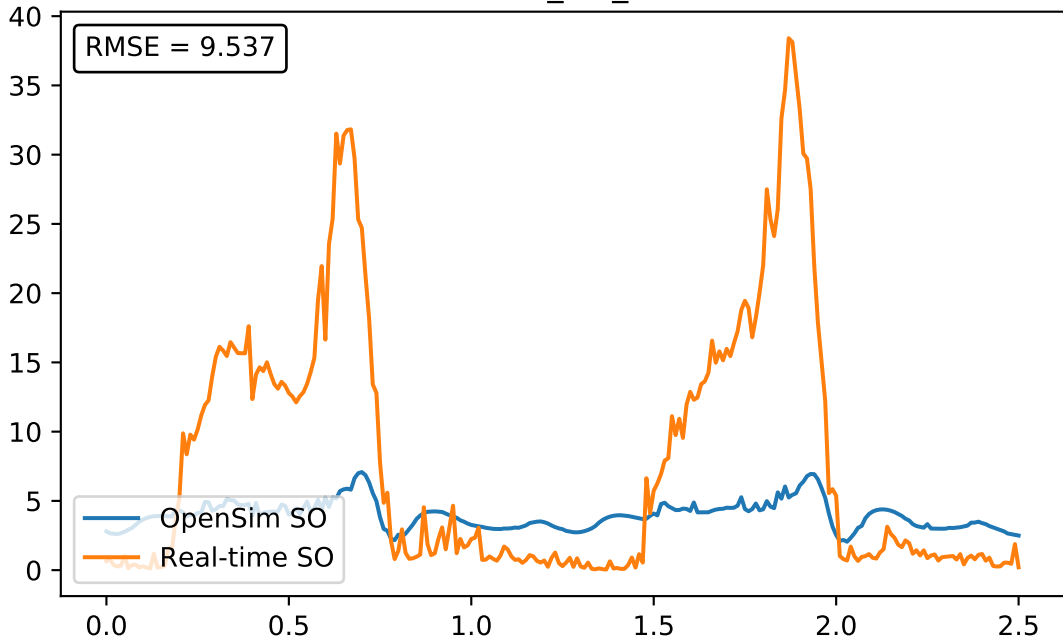
RMSE = 9.537

actuator force (Nm | N)

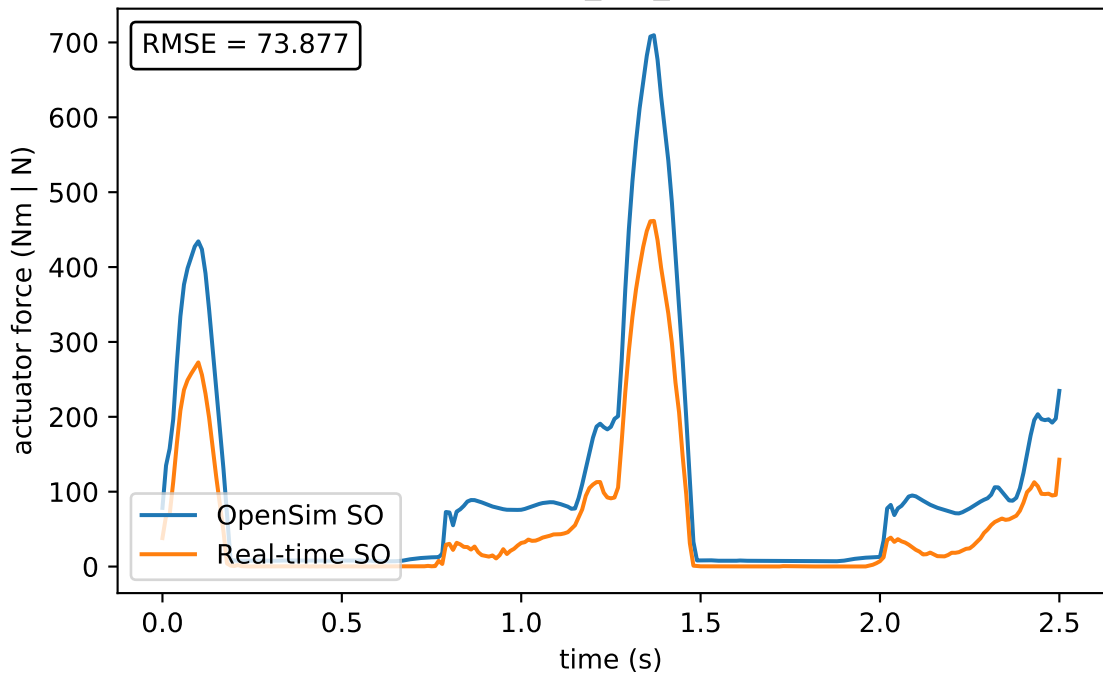
OpenSim SO
Real-time SO

time (s)

0.0 0.5 1.0 1.5 2.0 2.5



tib_ant_l



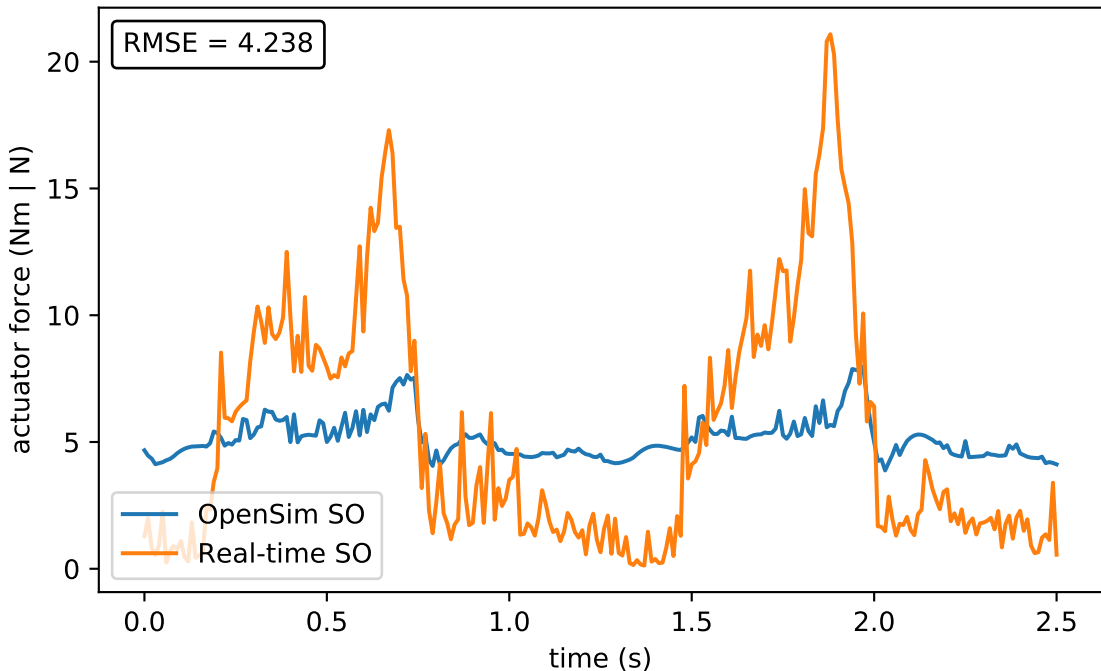
per_brev_l

RMSE = 4.238

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



per_long_l

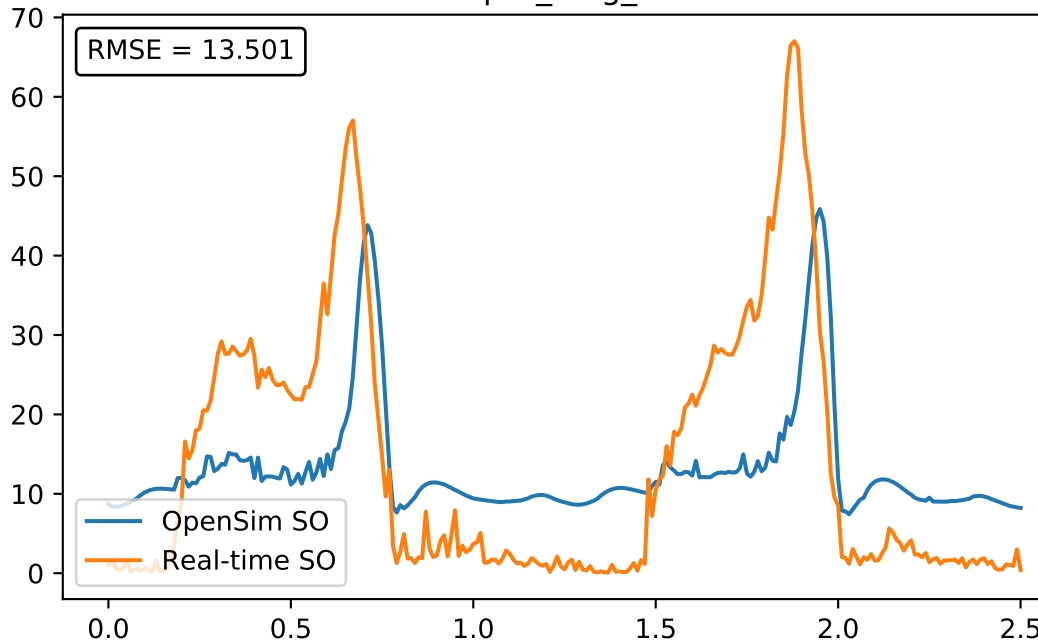
RMSE = 13.501

actuator force (Nm | N)

— OpenSim SO
— Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5

time (s)



per_tert_l

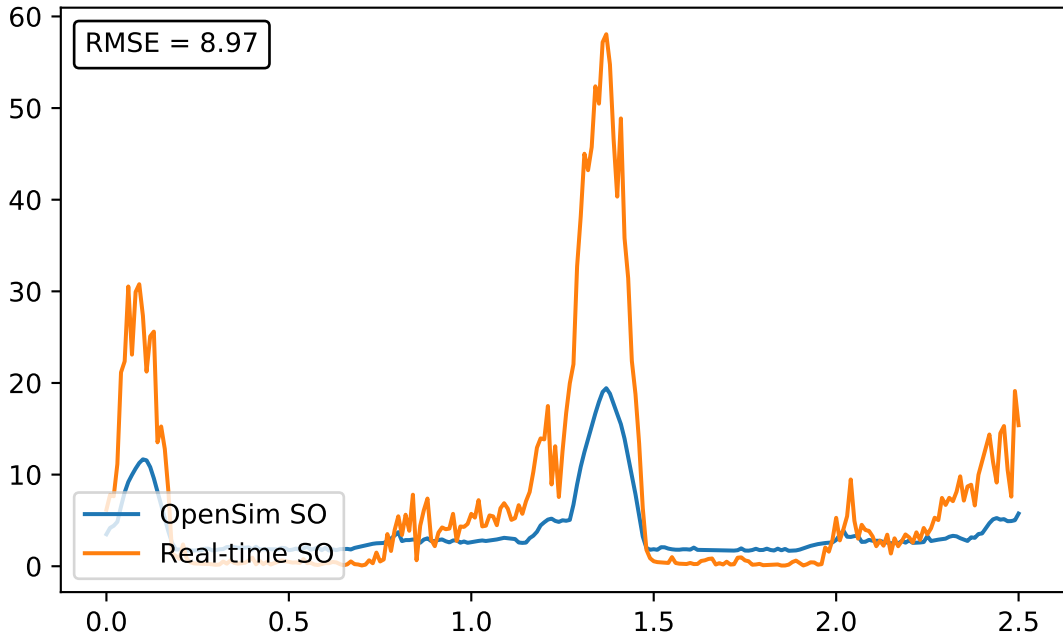
RMSE = 8.97

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)

0.0 0.5 1.0 1.5 2.0 2.5



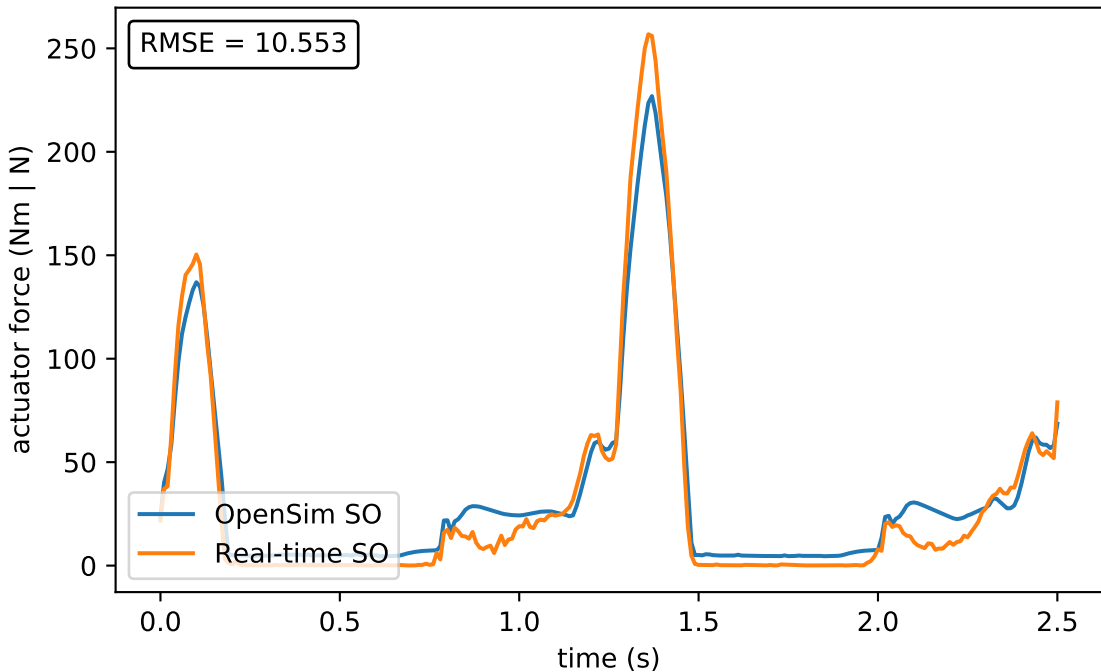
ext_dig_l

RMSE = 10.553

actuator force (Nm | N)

OpenSim SO
Real-time SO

time (s)



ext_hal_l

RMSE = 15.446

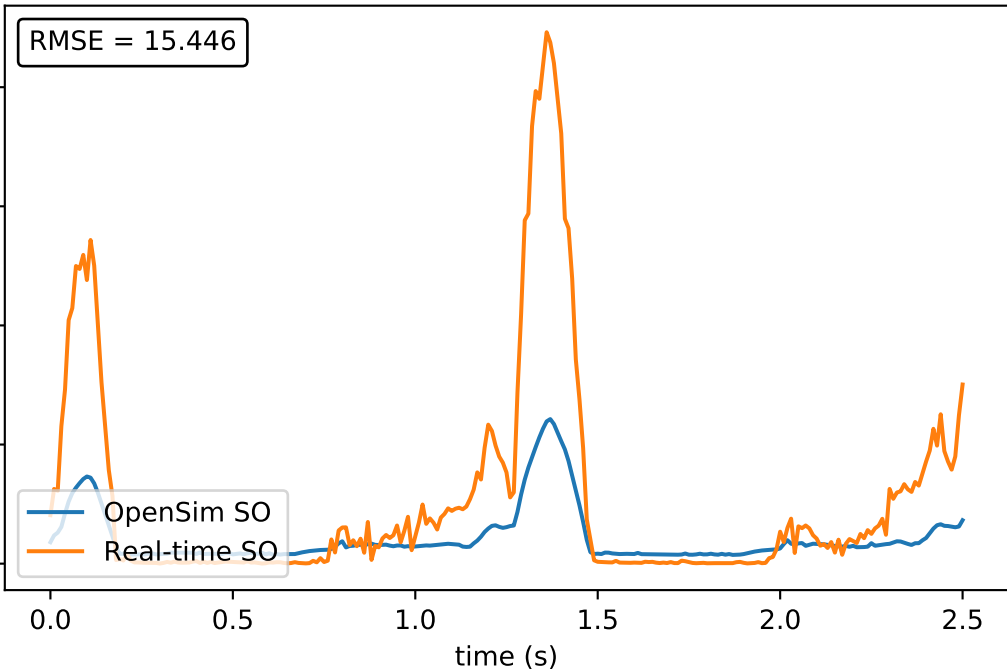
actuator force (Nm | N)

OpenSim SO
Real-time SO

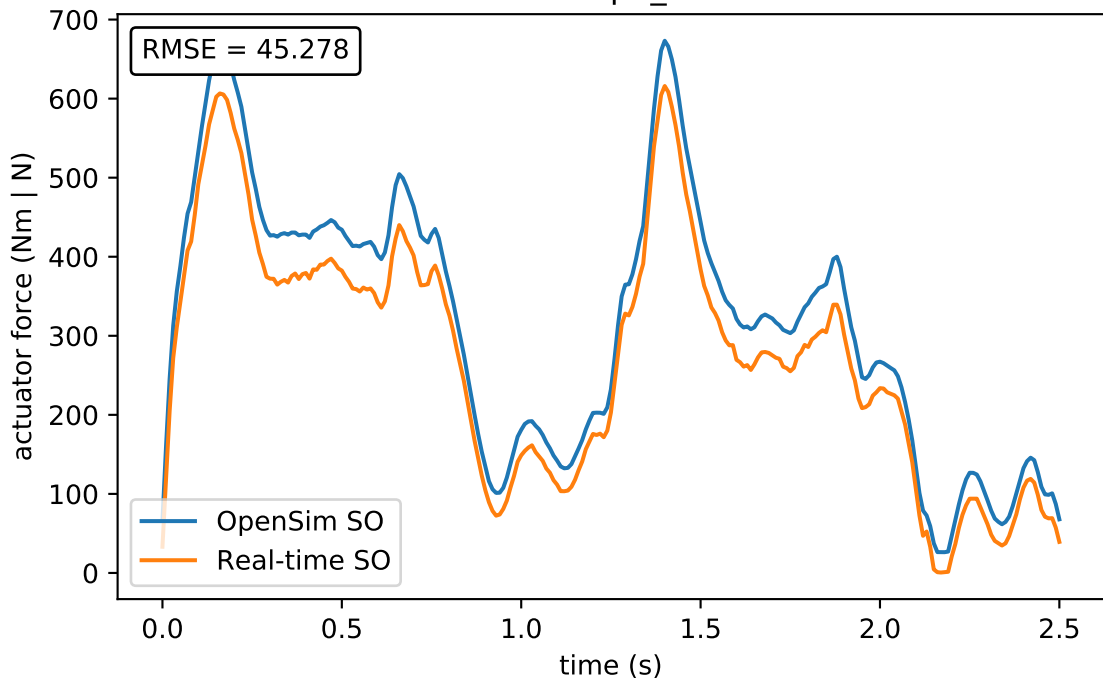
time (s)

0.0 0.5 1.0 1.5 2.0 2.5

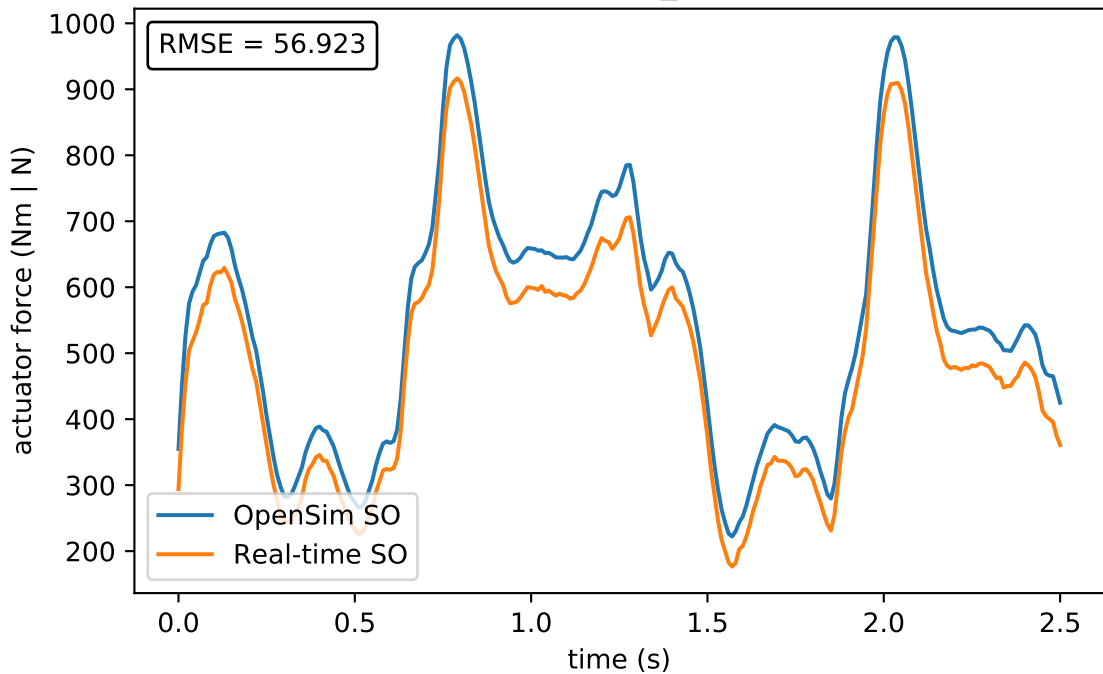
80
60
40
20
0



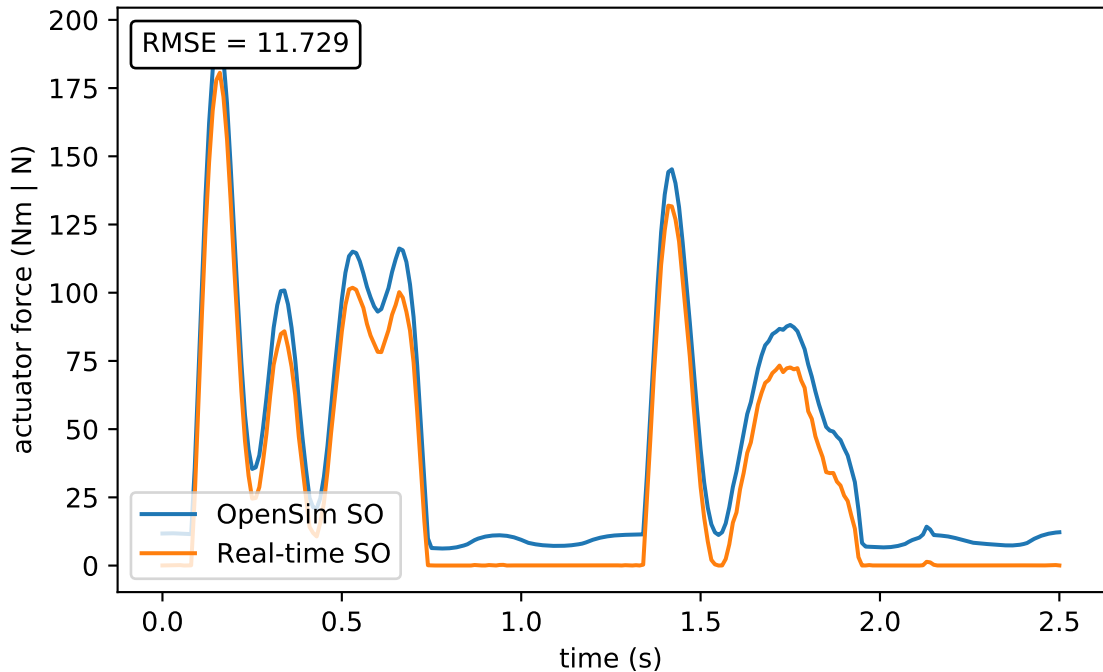
ercspn_r



ercspn_l



intobl_r



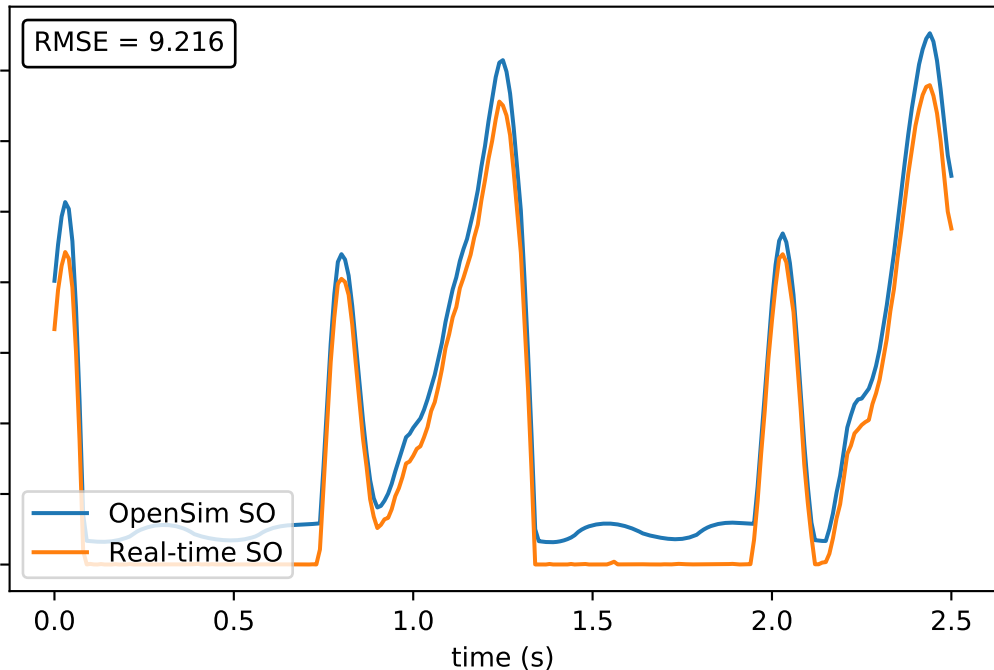
intobl_l

RMSE = 9.216

actuator force (Nm | N)

OpenSim SO
Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5
time (s)



extobl_r

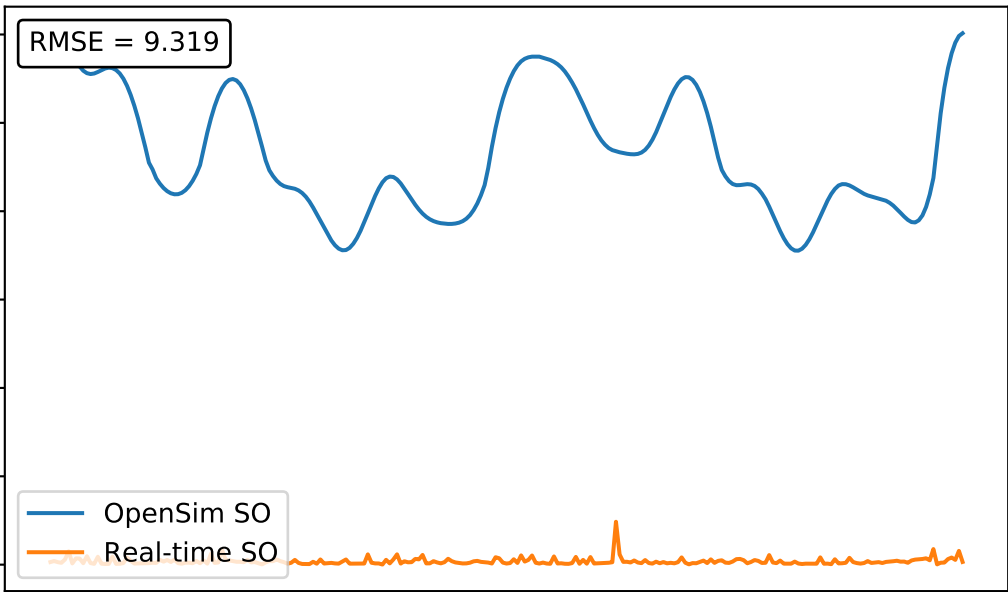
RMSE = 9.319

actuator force (Nm | N)

— OpenSim SO
— Real-time SO

0.0 0.5 1.0 1.5 2.0 2.5

time (s)



extobl_l

RMSE = 9.204

actuator force (Nm | N)

— OpenSim SO
— Real-time SO

0.0

0.5

1.0

1.5

2.0

2.5

time (s)

