

# pelvis\_tilt

RMSE = 57.167

Generalized forces (Nm | N)

150

100

50

0

-50

0

2

4

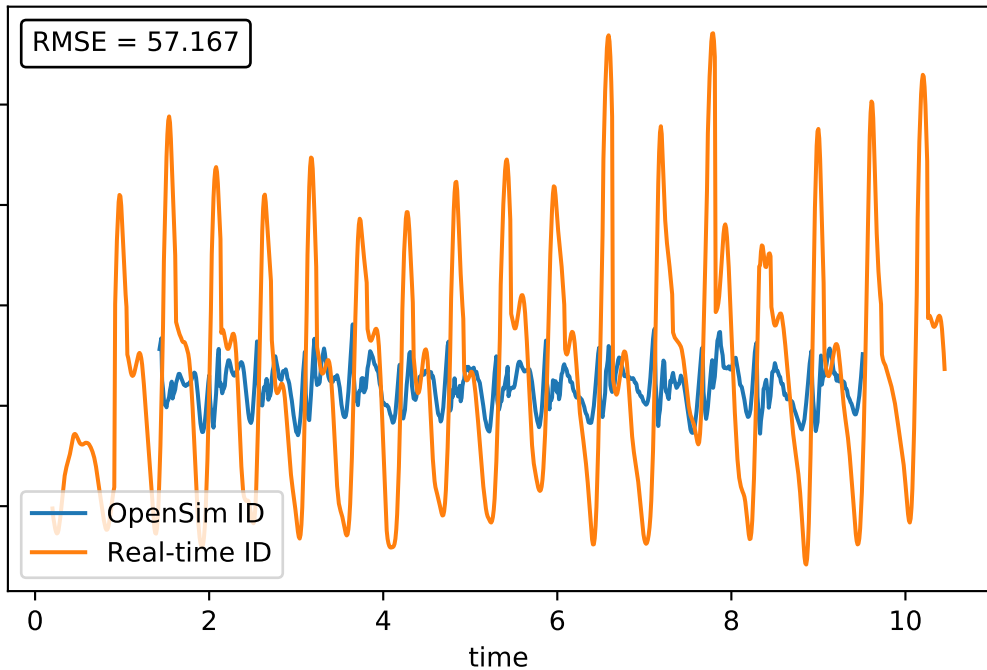
6

8

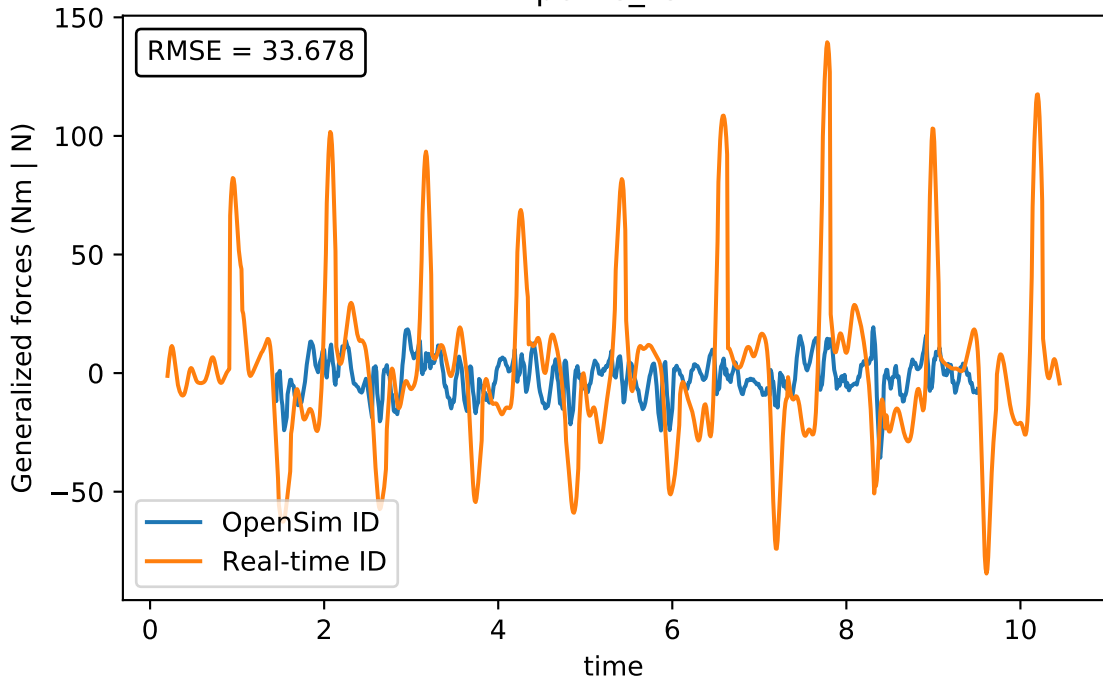
10

time

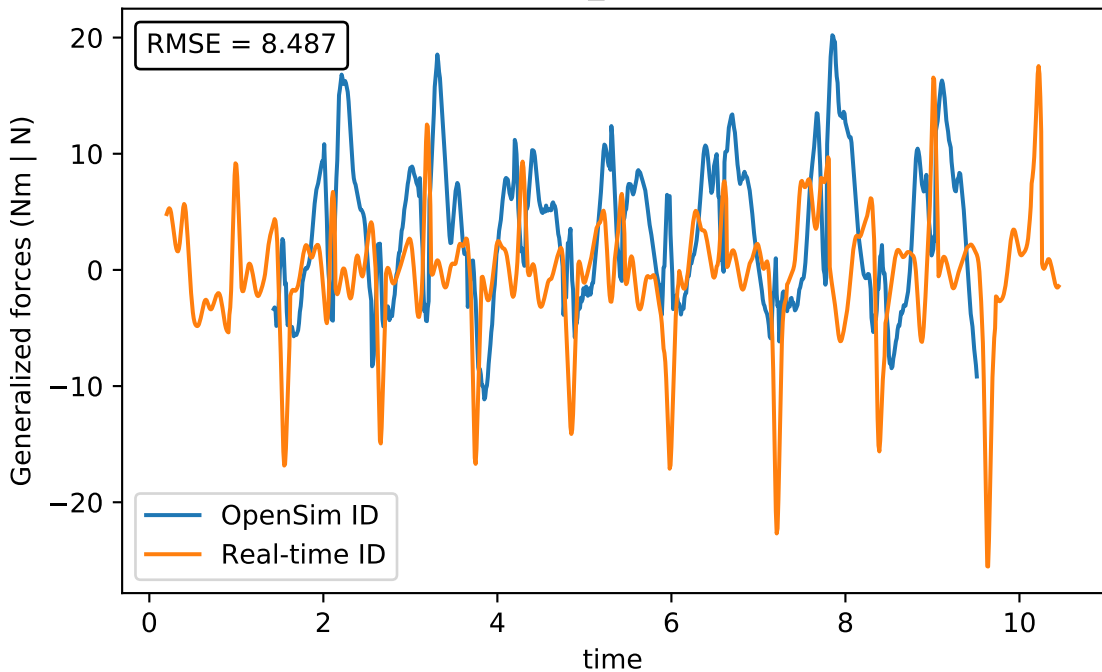
OpenSim ID  
Real-time ID



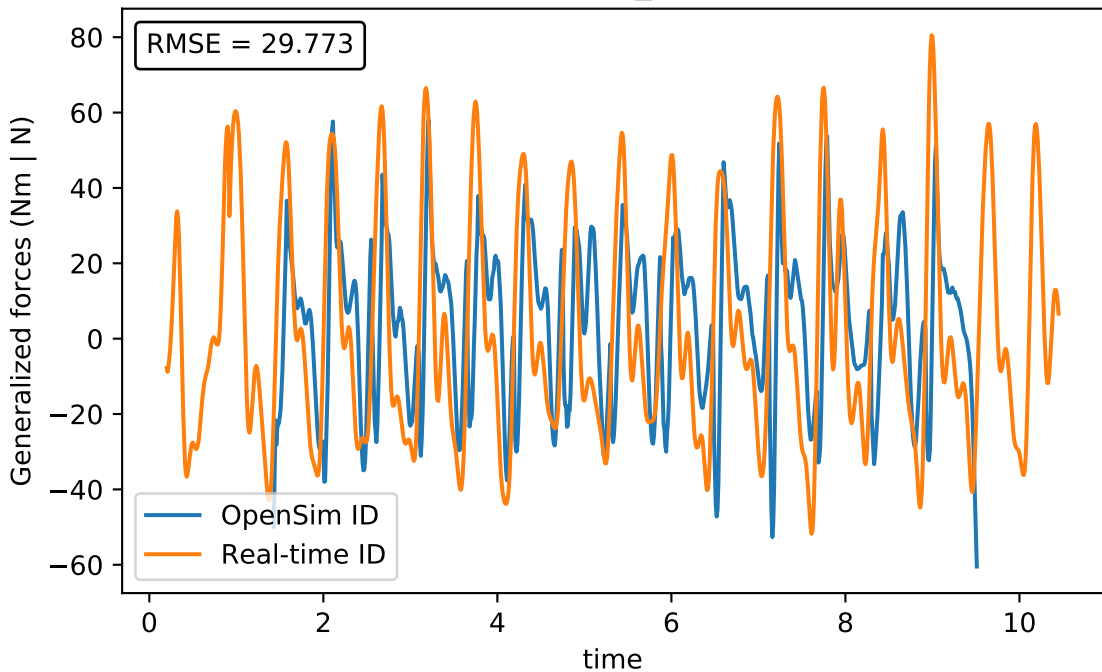
pelvis\_list



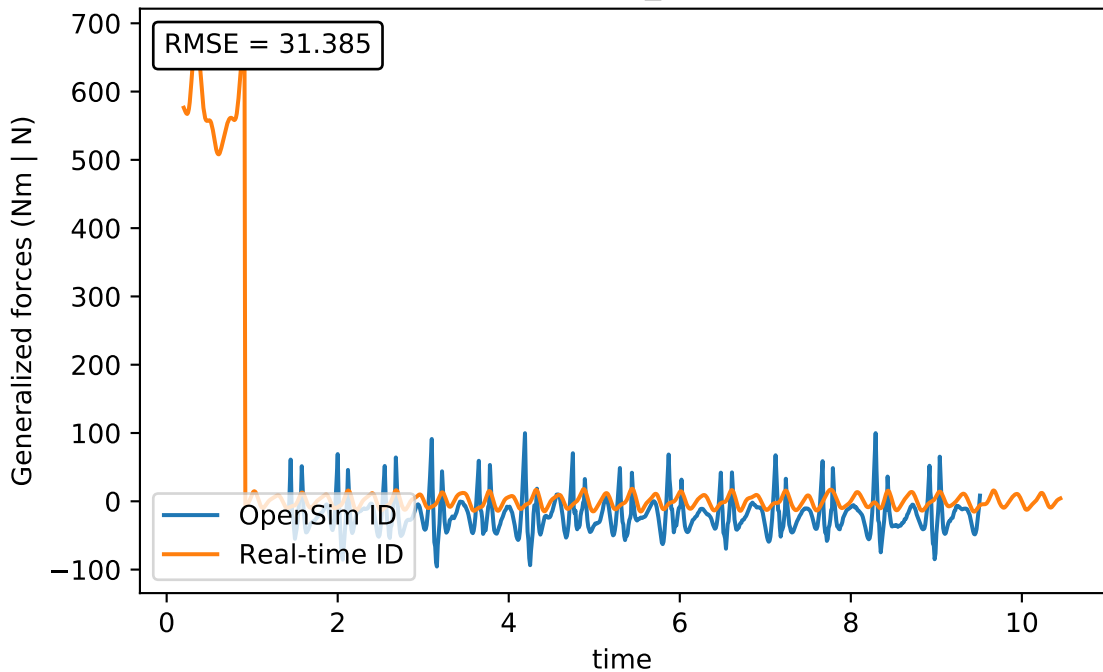
# pelvis\_rotation



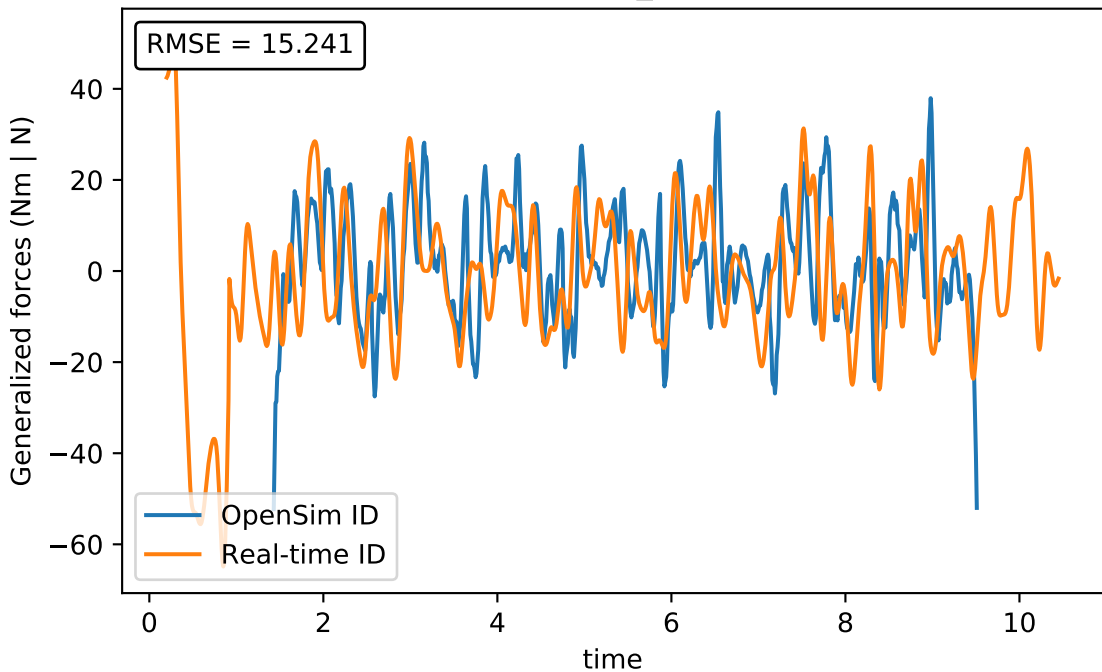
# pelvis\_tx



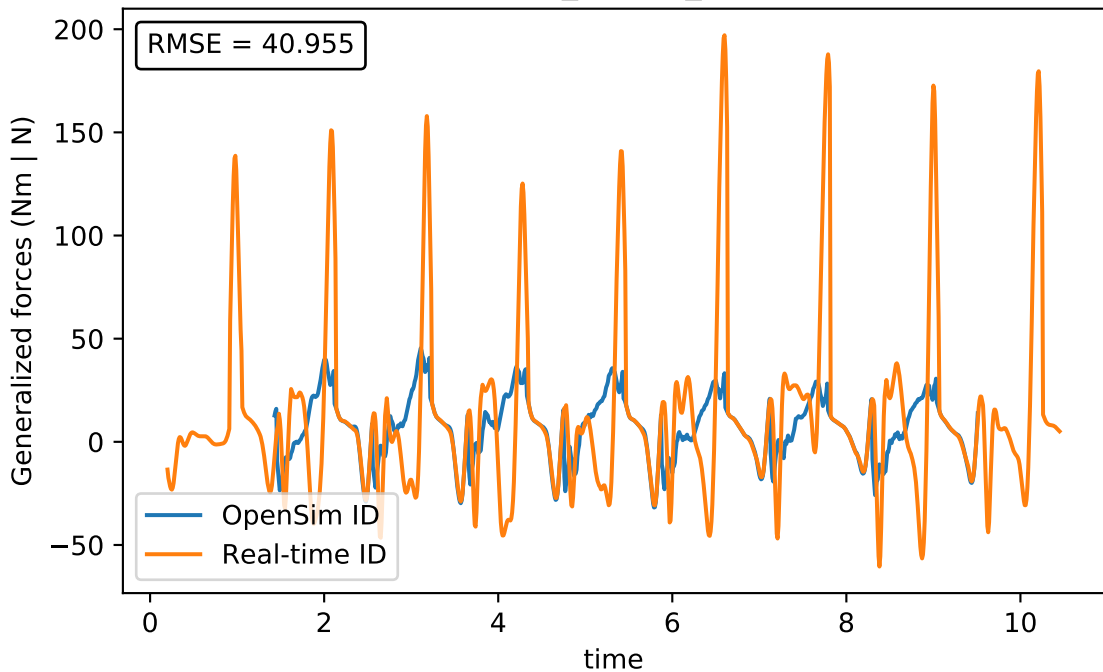
pelvis\_ty



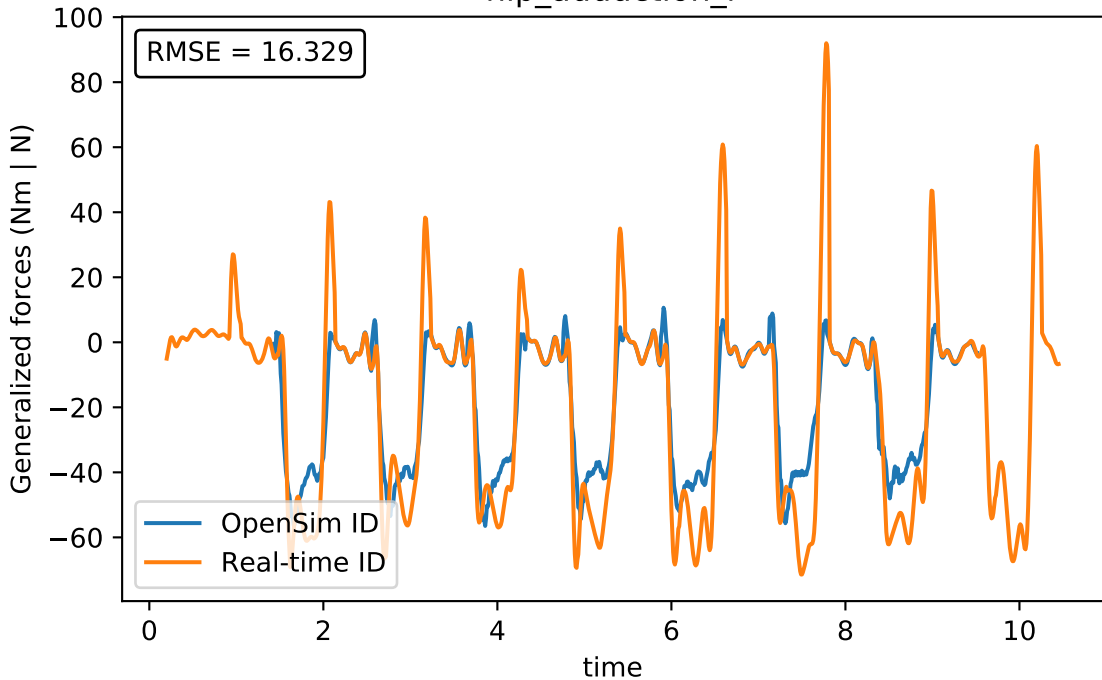
# pelvis\_tz



# hip\_flexion\_r

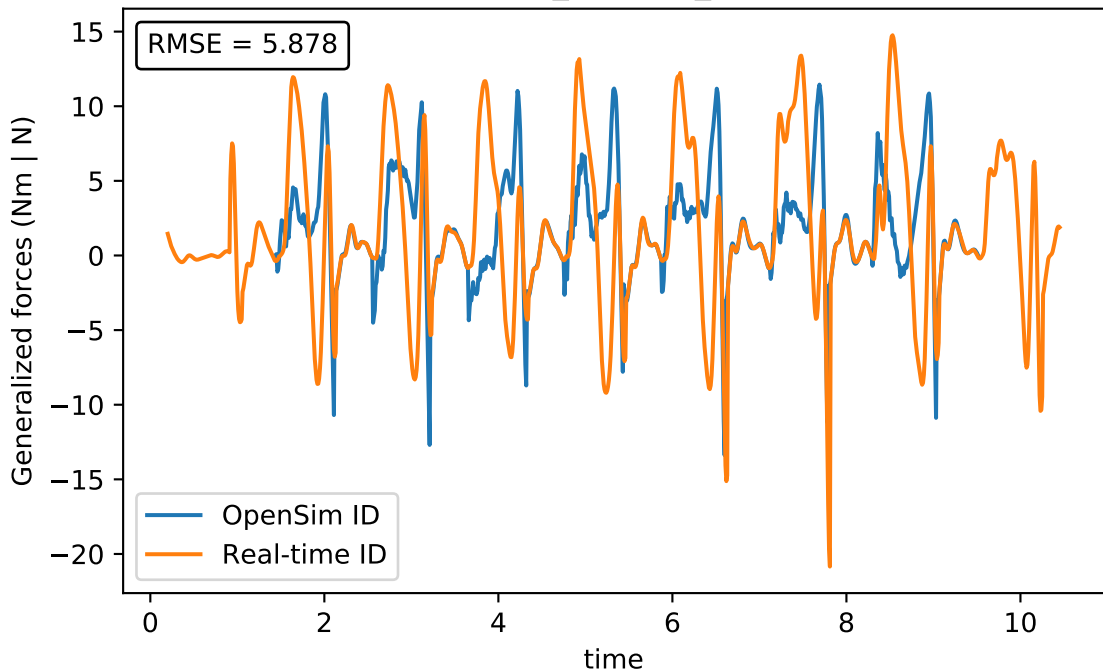


# hip\_adduction\_r

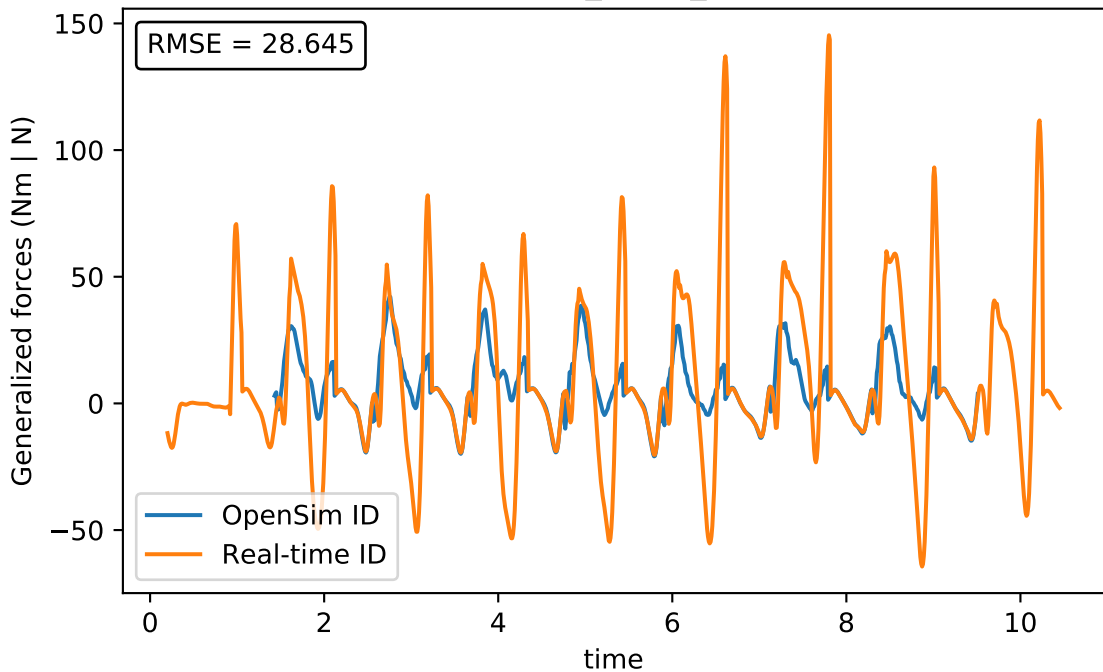




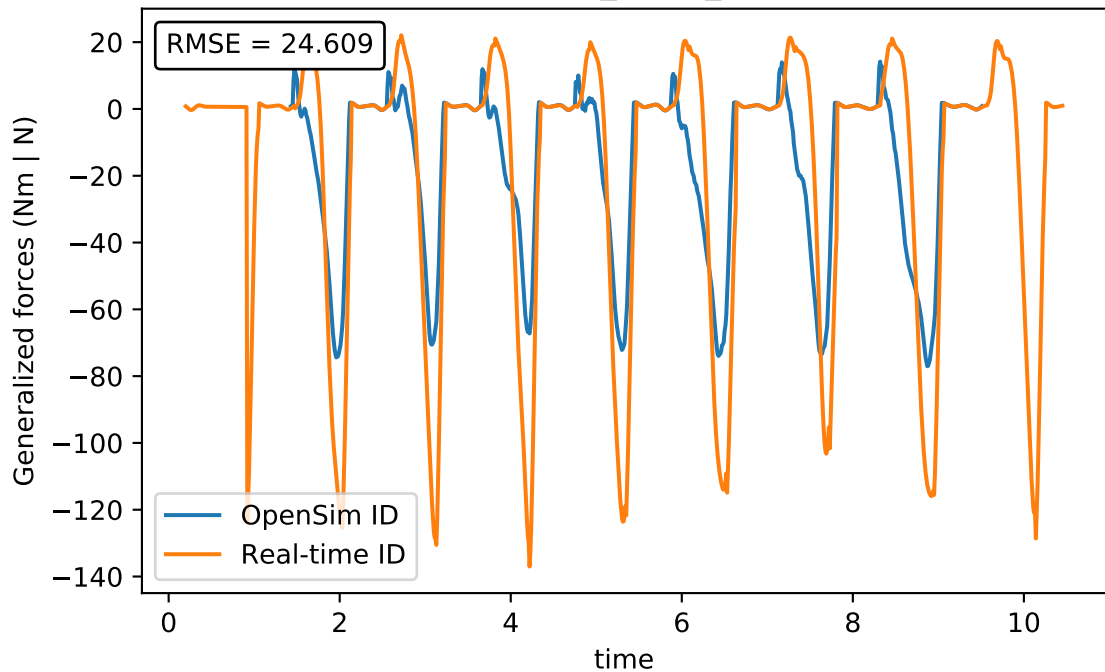
# hip\_rotation\_r



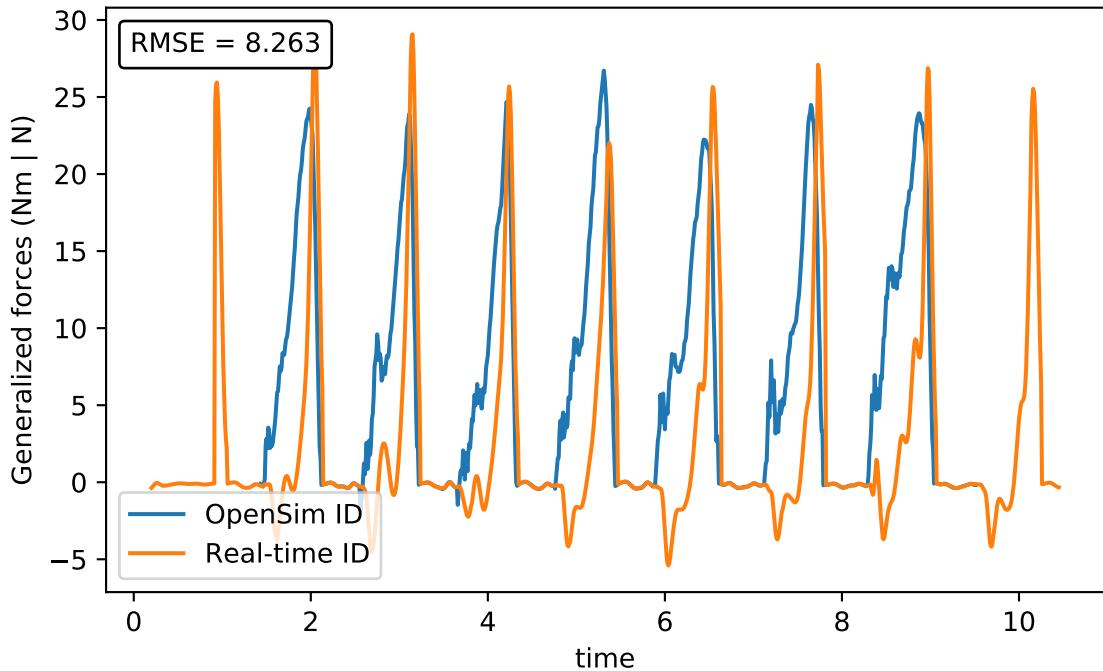
# knee\_angle\_r



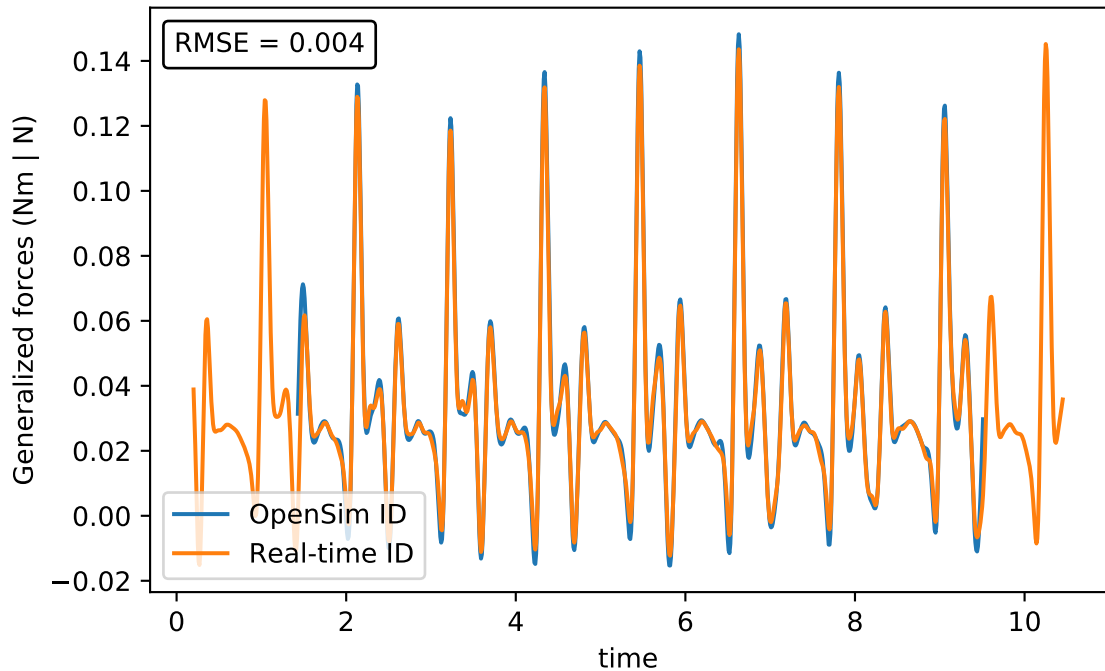
ankle\_angle\_r



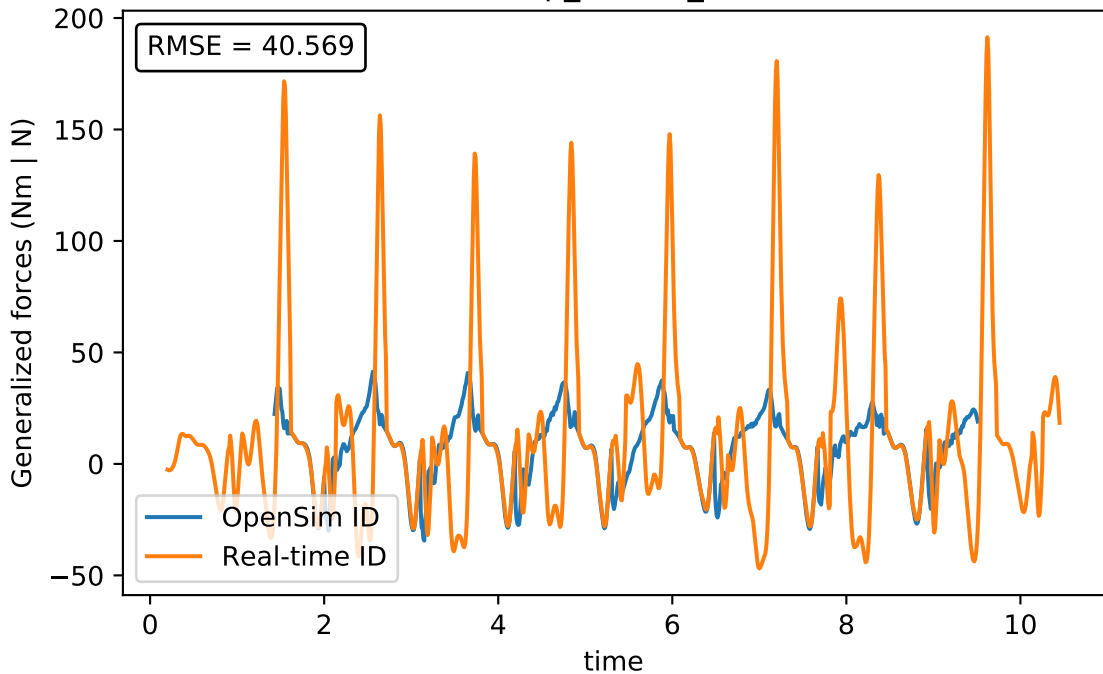
# subtalar\_angle\_r



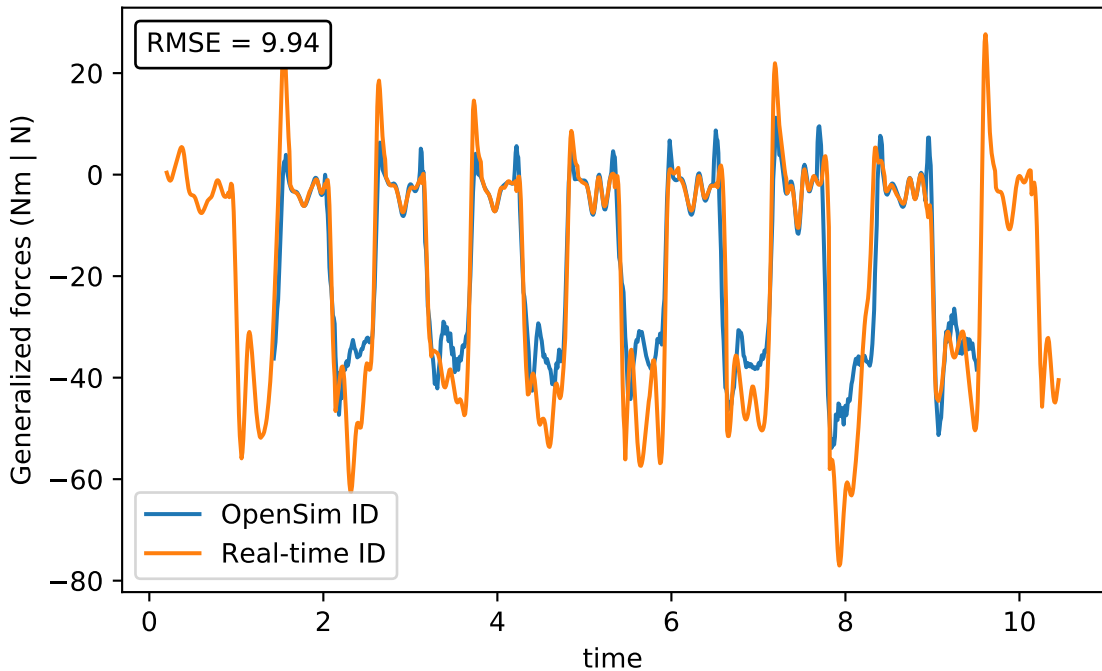
# mtp\_angle\_r



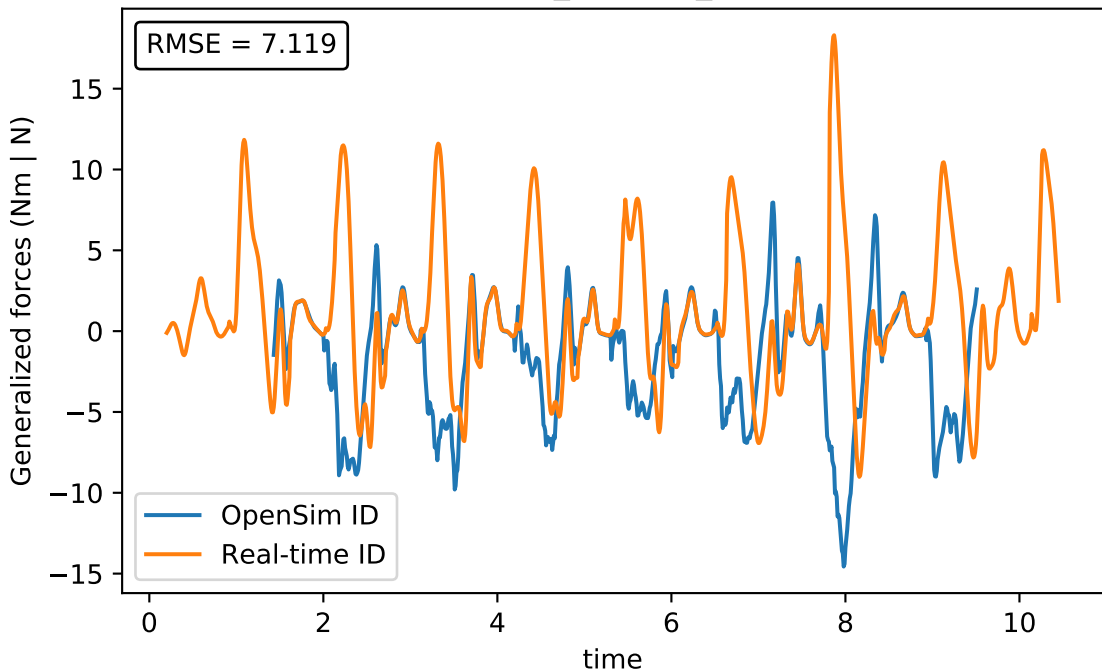
# hip\_flexion\_I



# hip\_adduction\_l

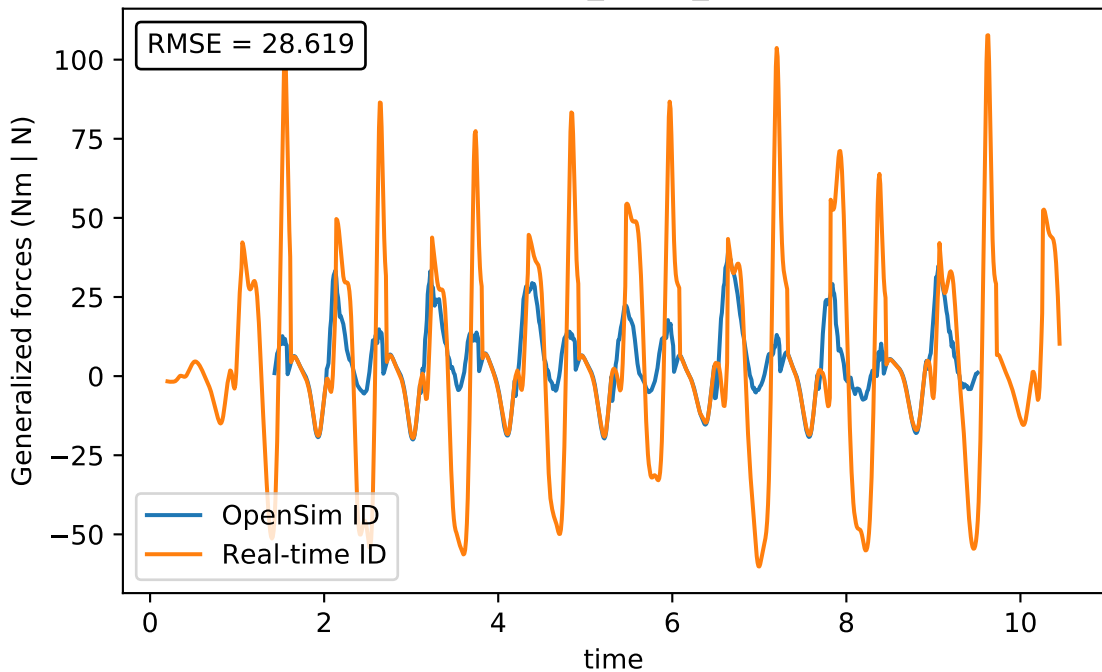


# hip\_rotation\_l

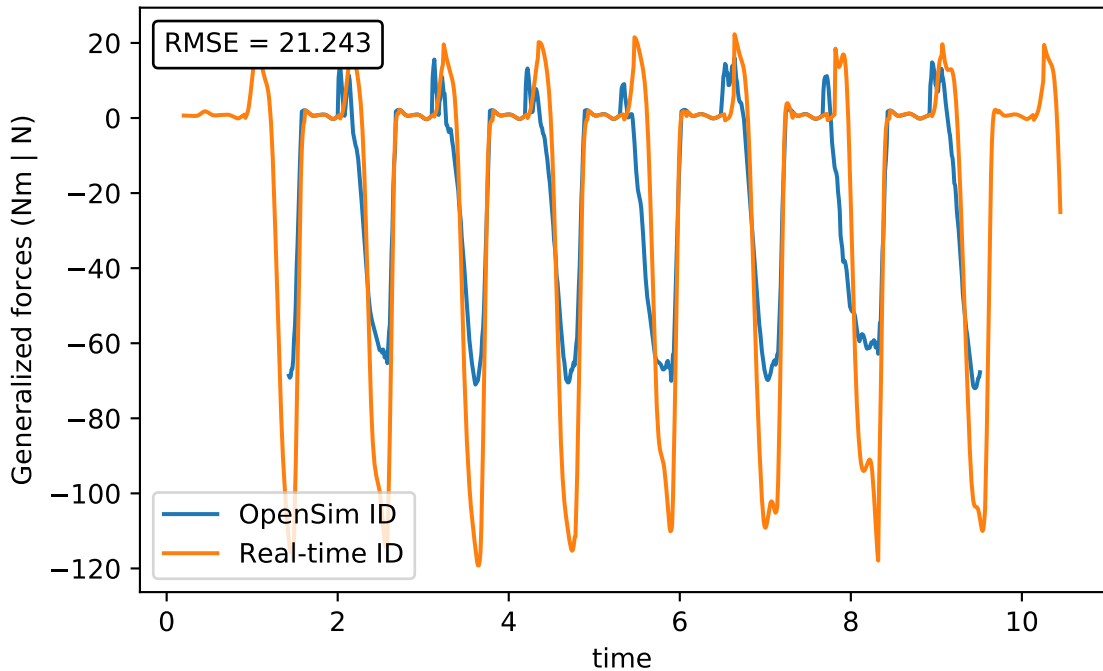




# knee\_angle\_l



# ankle\_angle\_l



# subtalar\_angle\_l

RMSE = 3.409

Generalized forces (Nm | N)

OpenSim ID  
Real-time ID

time

0

2

4

6

8

10

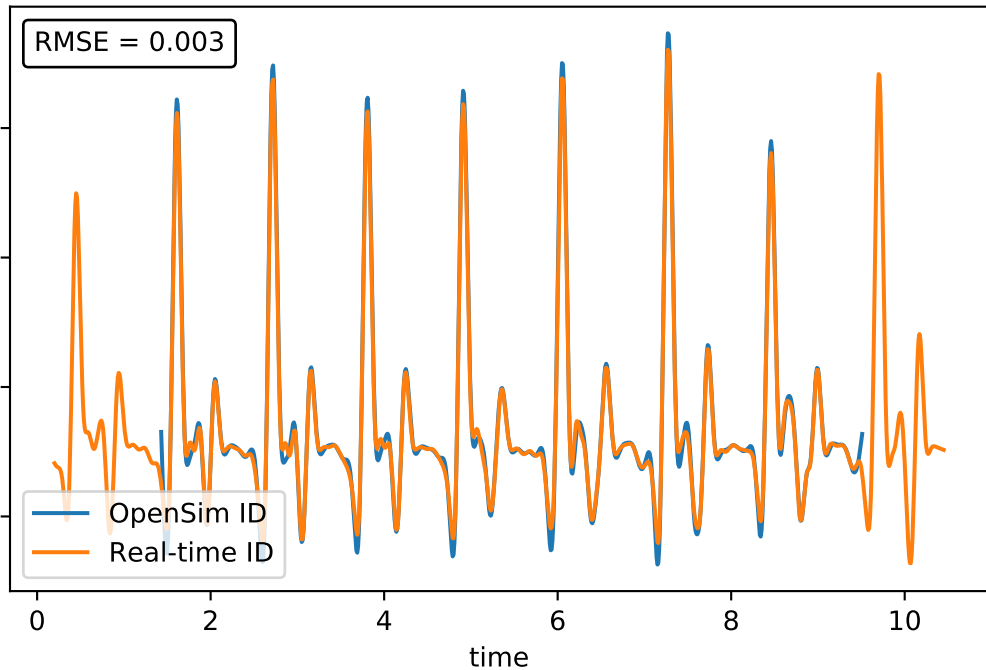
# mtp\_angle\_l

RMSE = 0.003

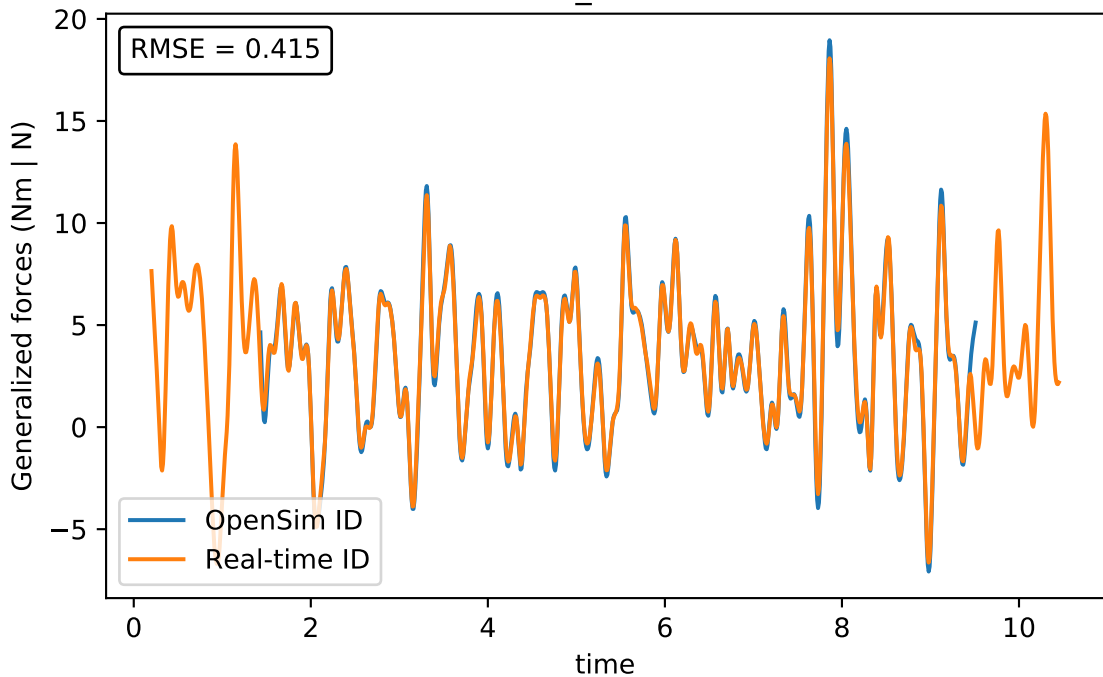
Generalized forces (Nm | N)

OpenSim ID  
Real-time ID

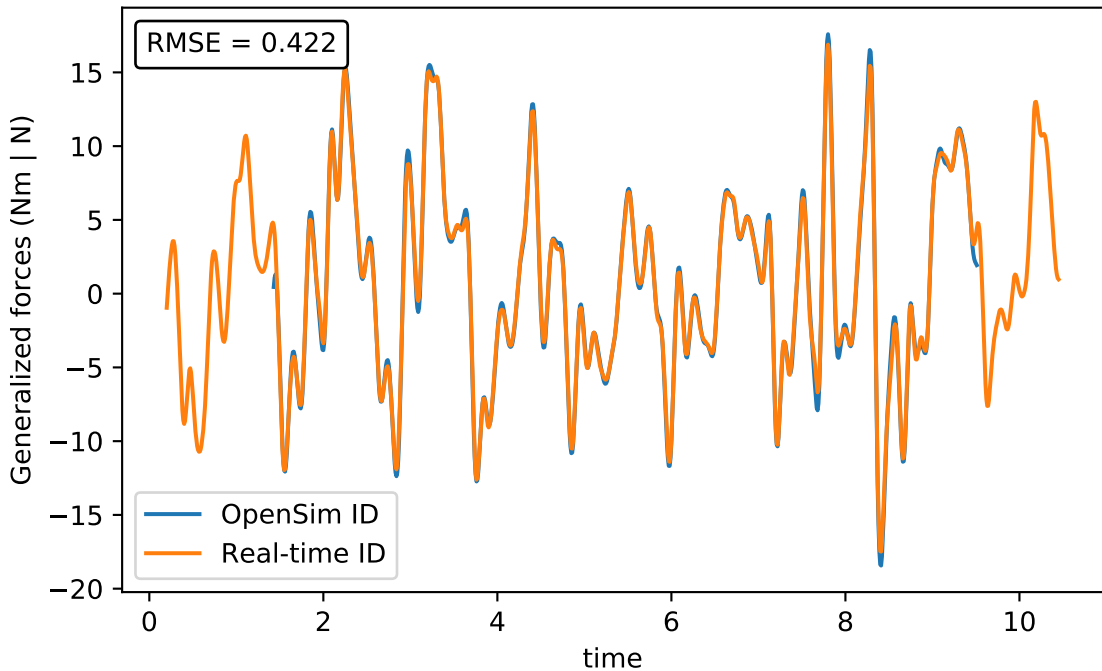
time



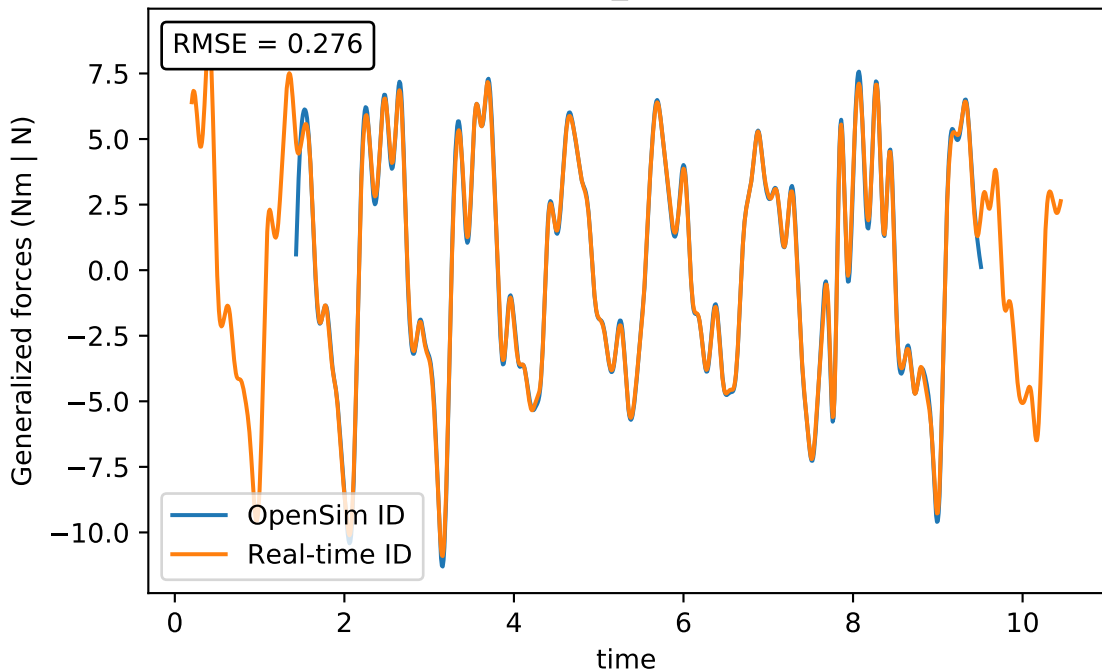
# lumbar\_extension



## lumbar\_bending



# lumbar\_rotation



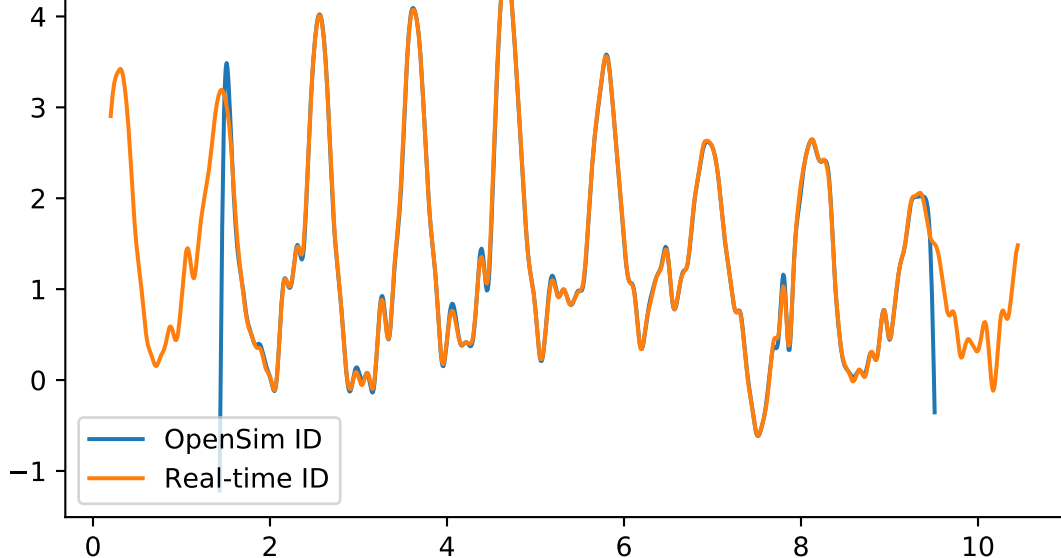
# arm\_flex\_r

RMSE = 0.243

Generalized forces (Nm | N)

— OpenSim ID  
— Real-time ID

time





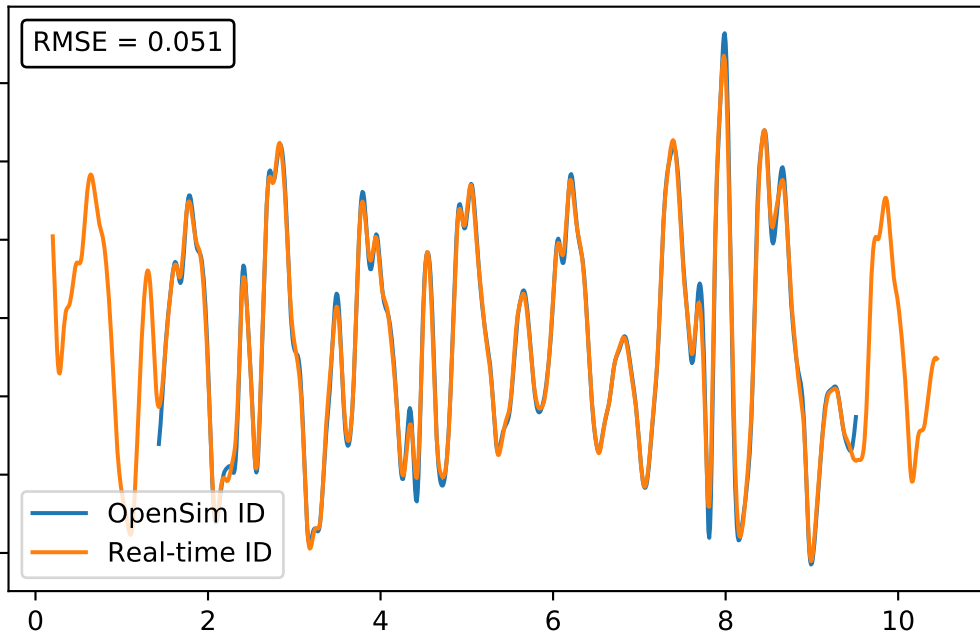
# arm\_add\_r

RMSE = 0.051

Generalized forces (Nm | N)

OpenSim ID  
Real-time ID

time



# arm\_rot\_r

RMSE = 0.011

Generalized forces (Nm | N)

OpenSim ID  
Real-time ID

time

0

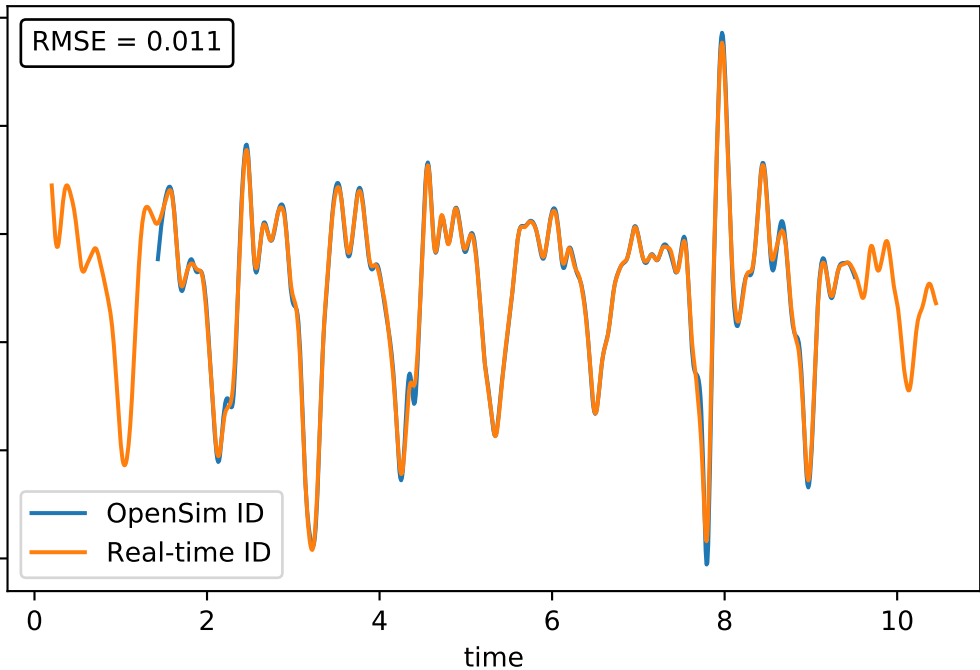
2

4

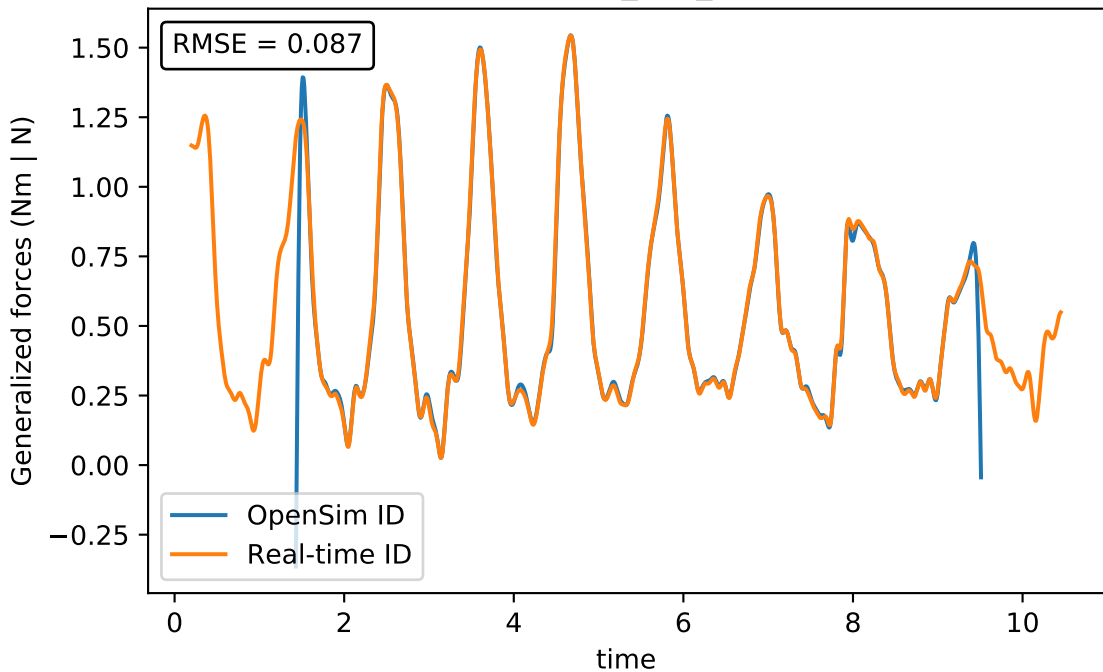
6

8

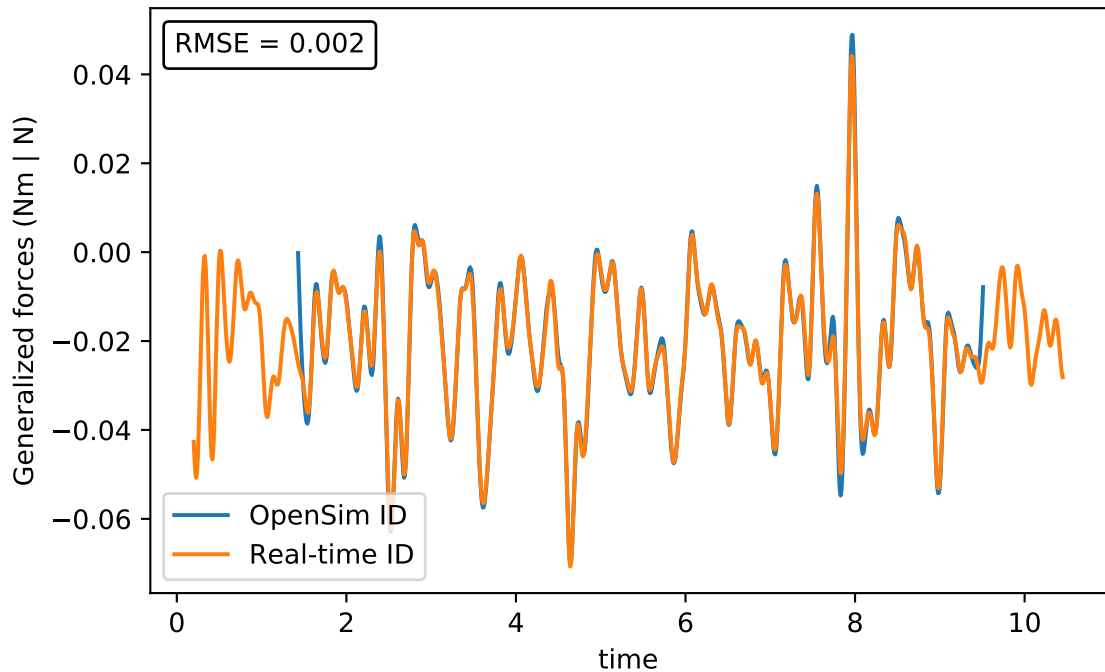
10



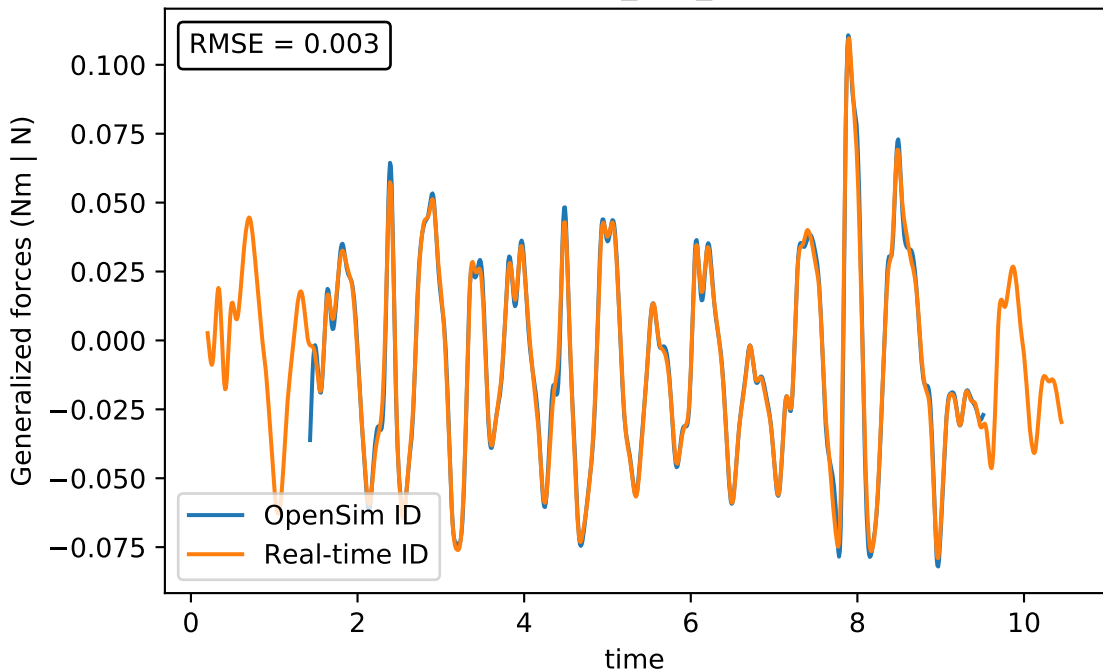
## elbow\_flex\_r



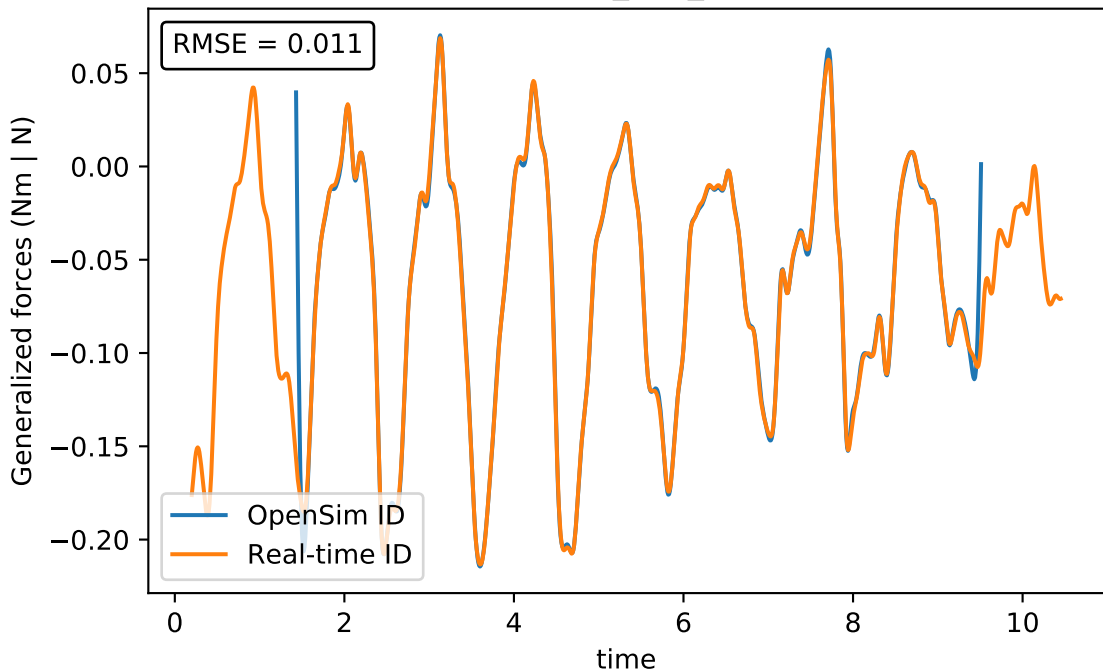
pro\_sup\_r



# wrist\_flex\_r



wrist\_dev\_r



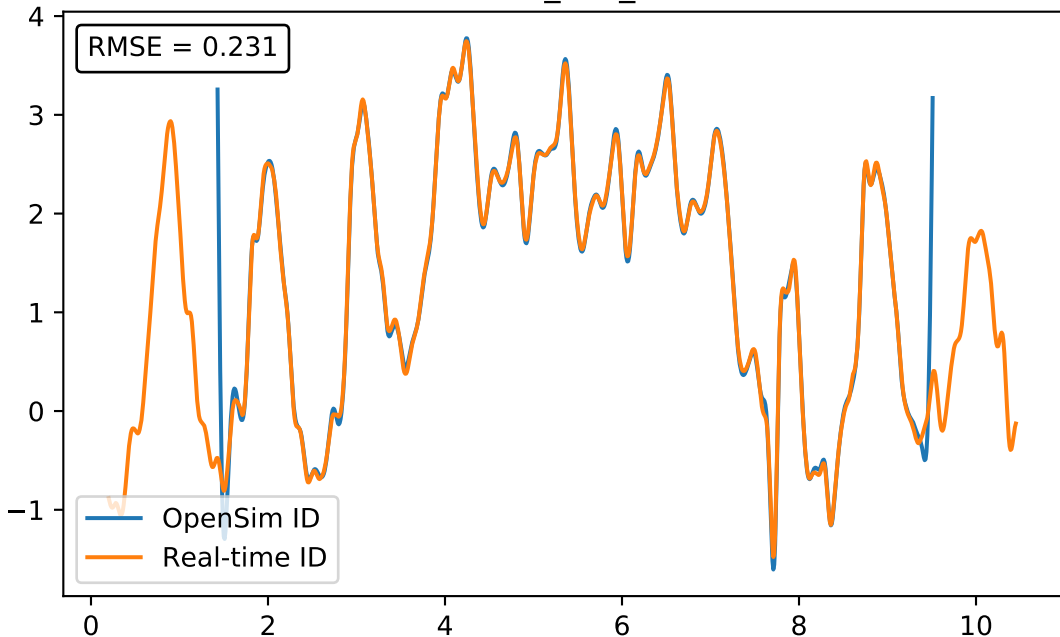
# arm\_flex\_I

RMSE = 0.231

Generalized forces (Nm | N)

OpenSim ID  
Real-time ID

time



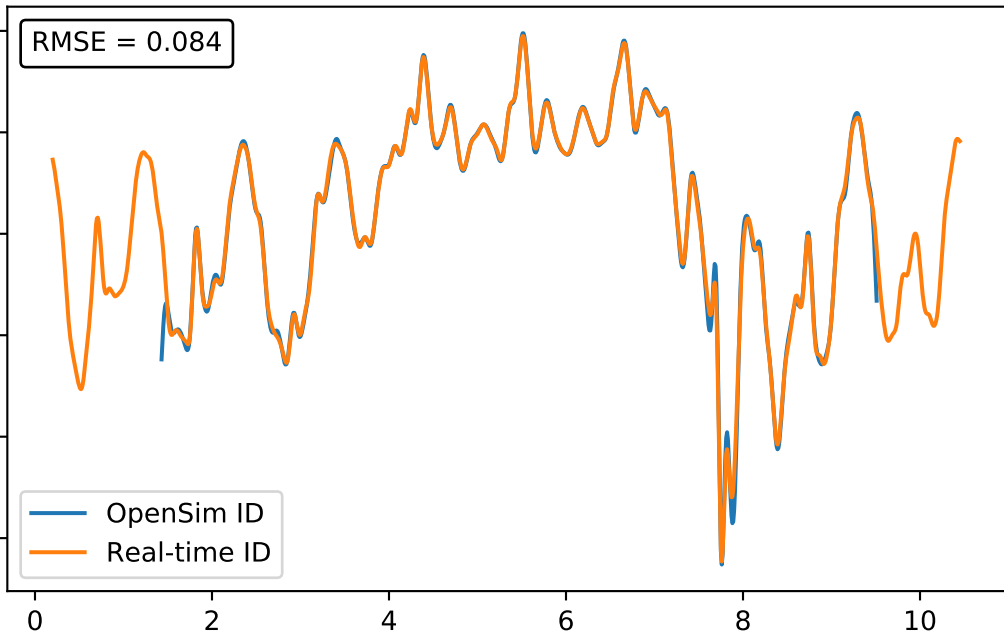
# arm\_add\_l

RMSE = 0.084

Generalized forces (Nm | N)

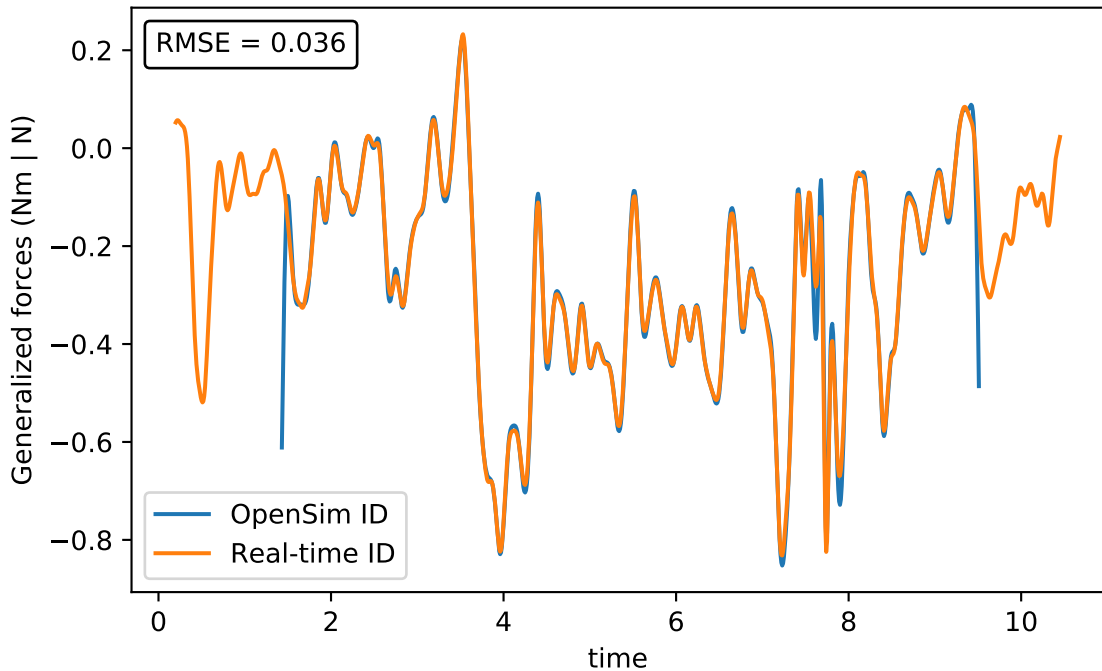
OpenSim ID  
Real-time ID

time

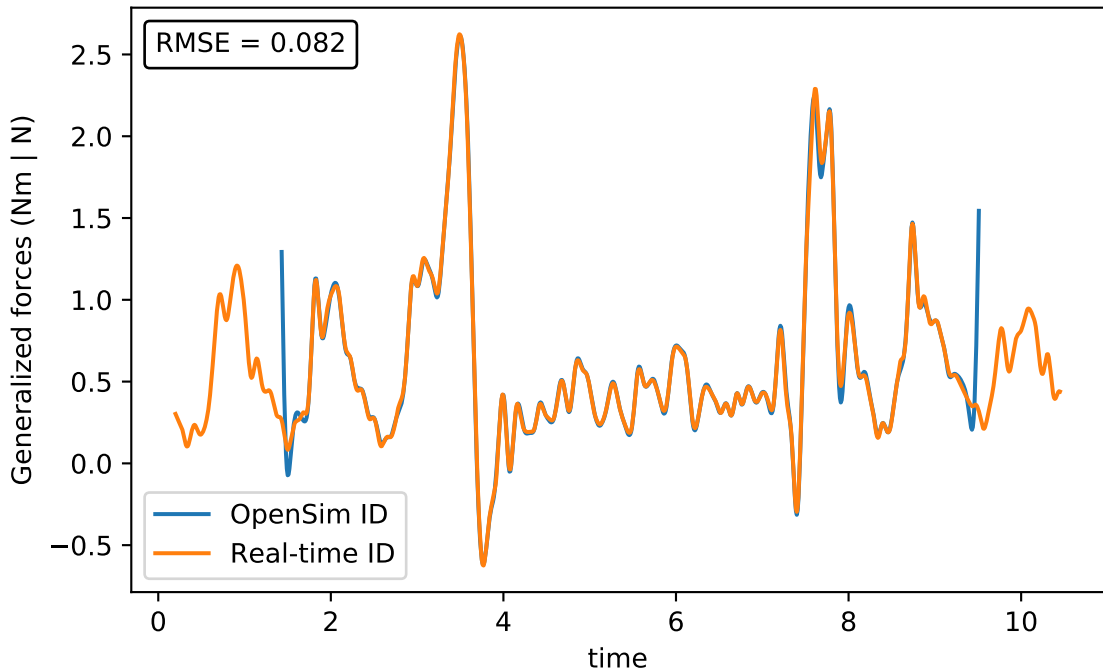




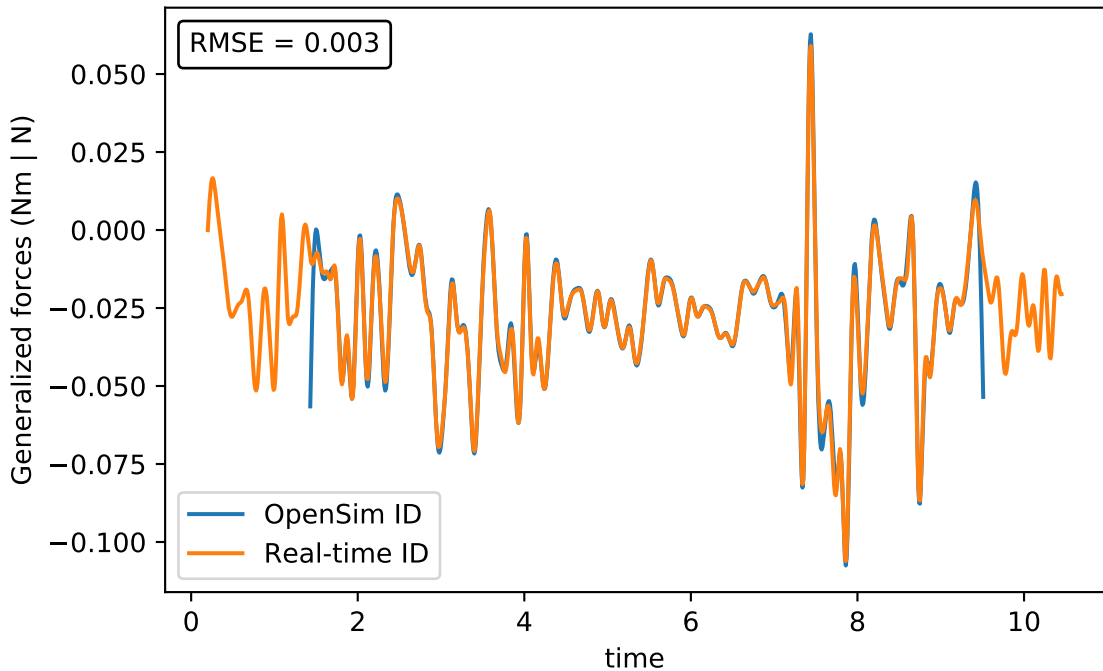
# arm\_rot\_l



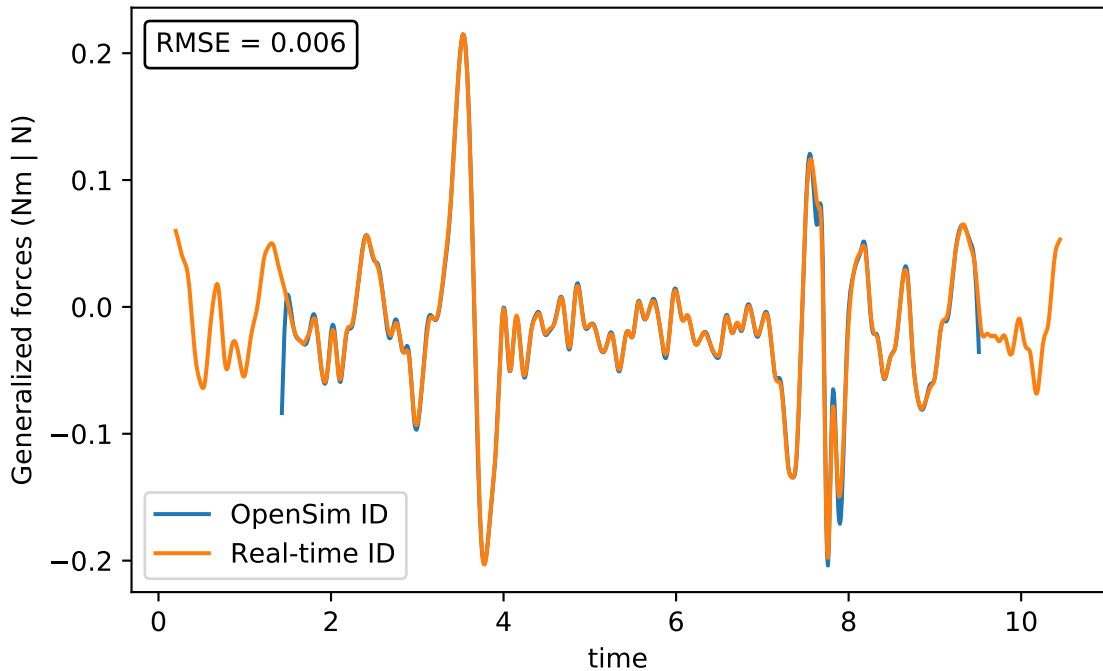
# elbow\_flex\_l



# pro\_sup\_l



# wrist\_flex\_l



# wrist\_dev\_l

