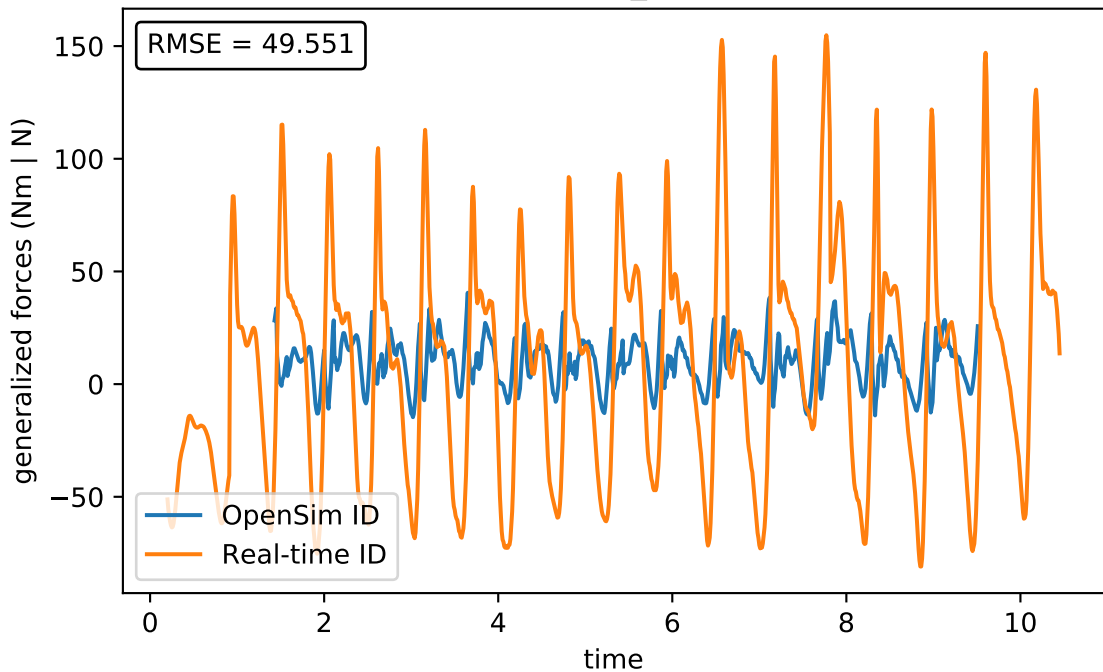
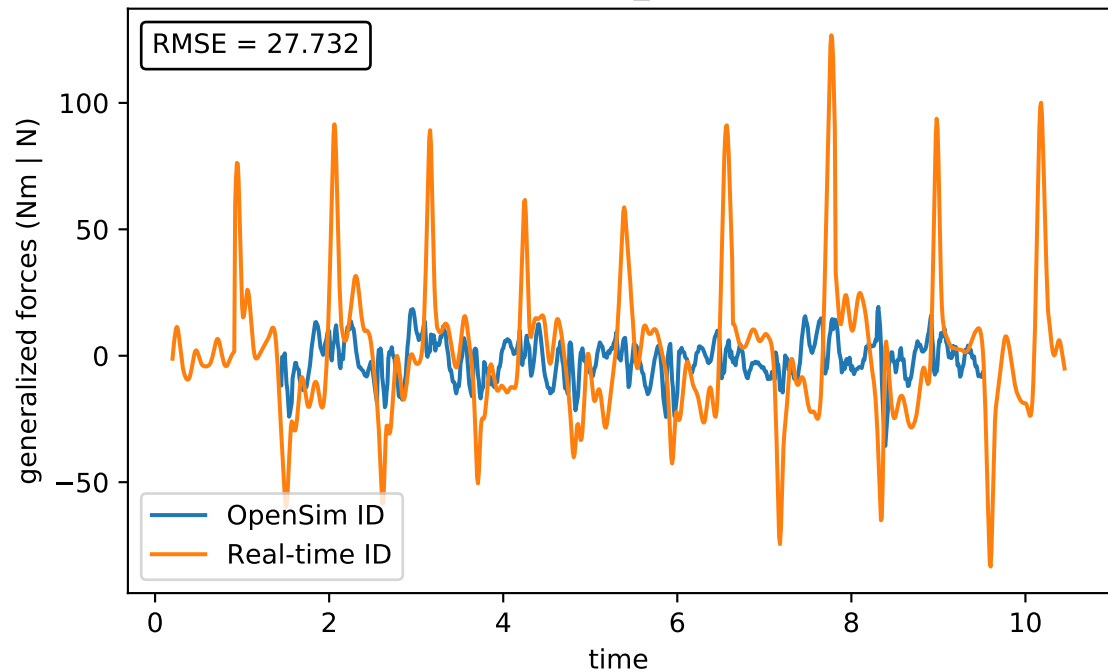


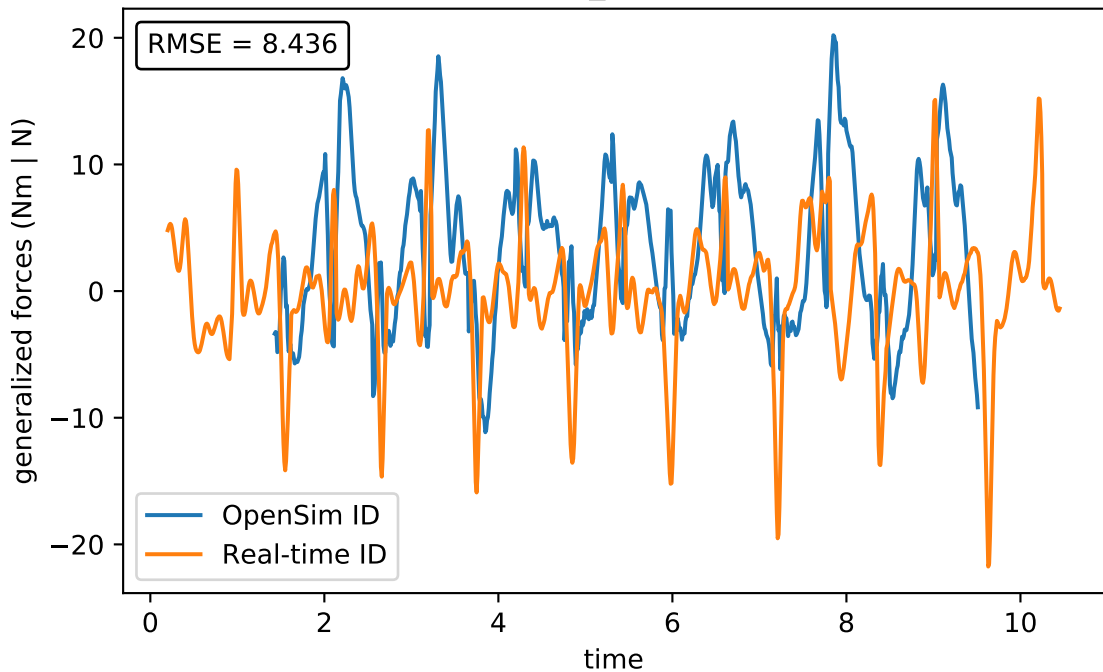
# pelvis\_tilt



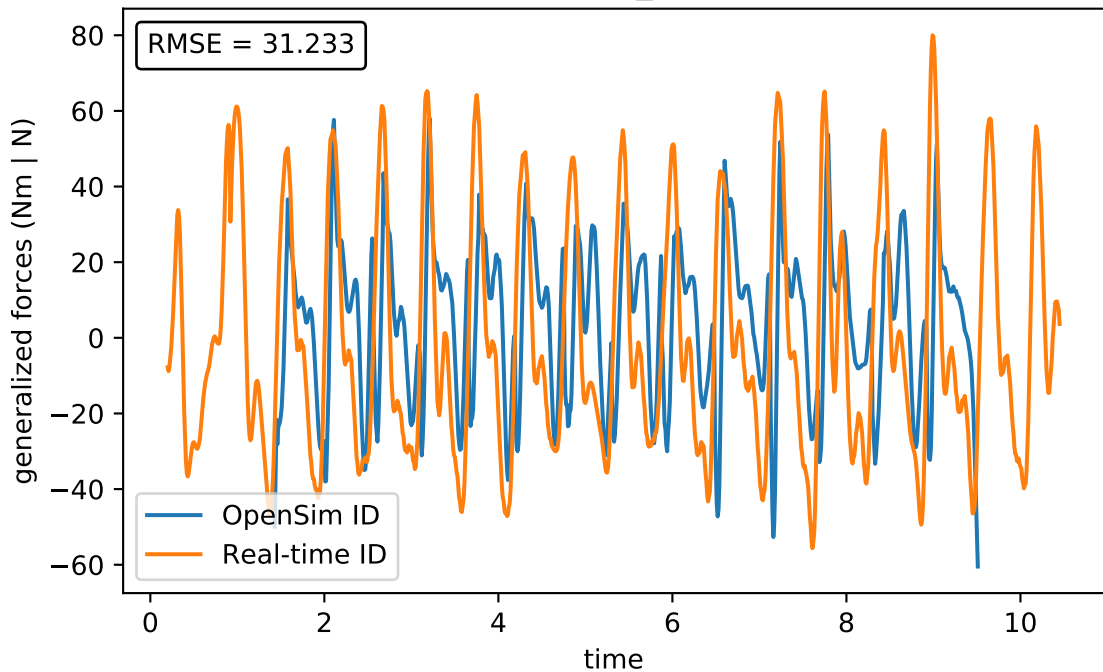
# pelvis\_list



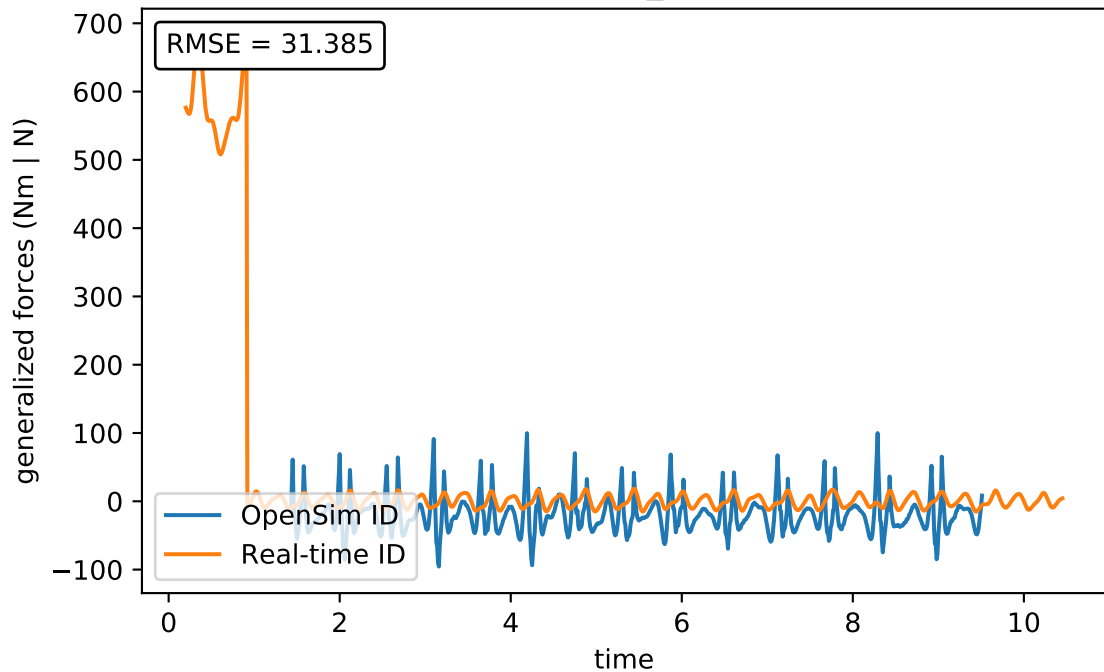
## pelvis\_rotation



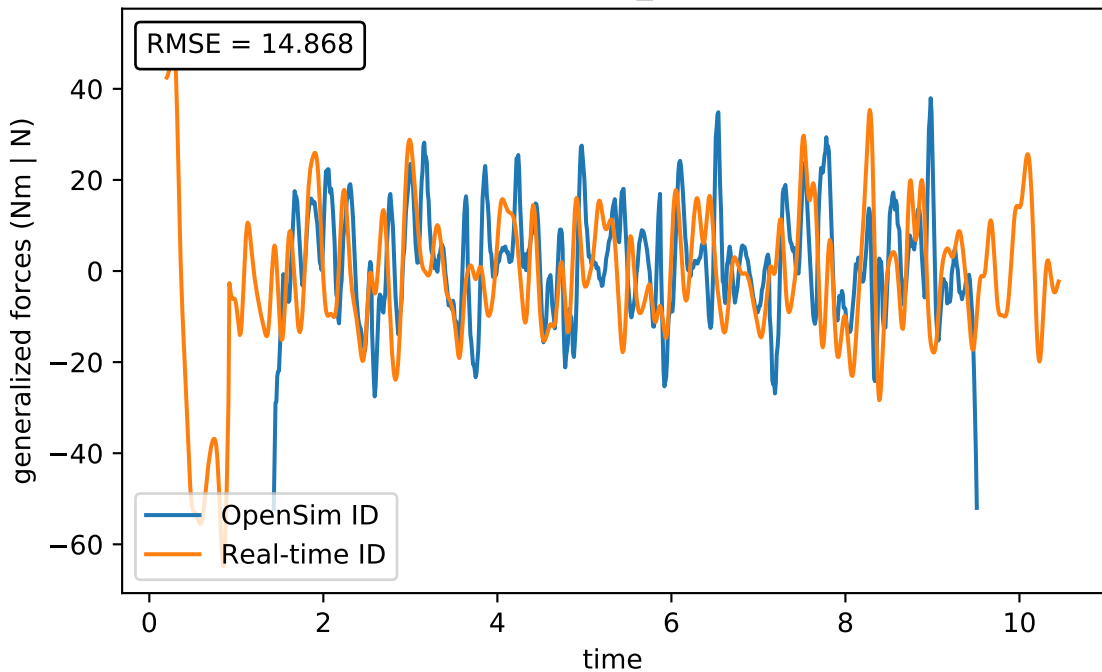
pelvis\_tx



pelvis\_ty



# pelvis\_tz



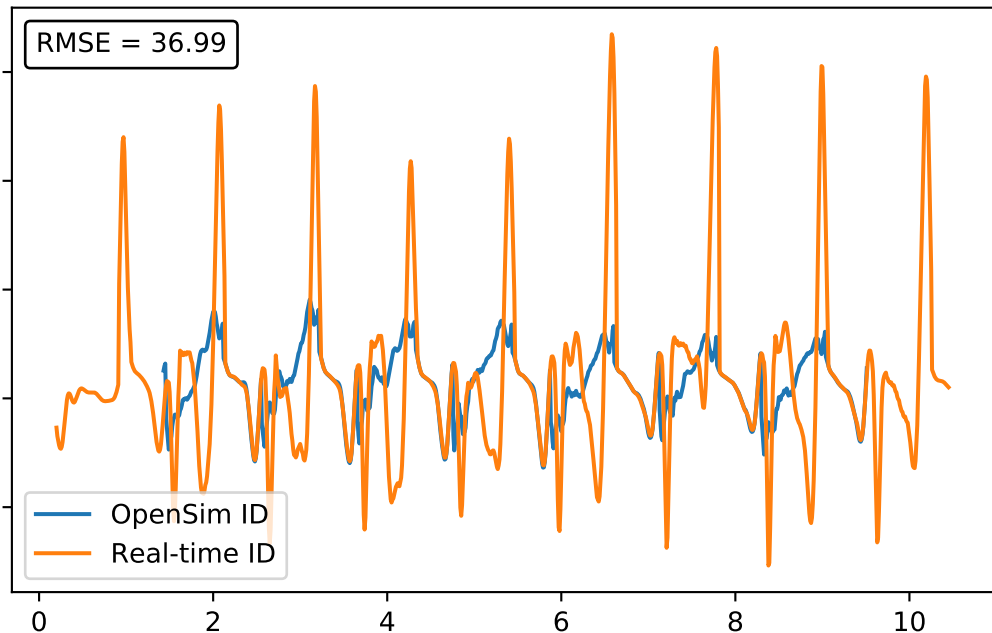
# hip\_flexion\_r

RMSE = 36.99

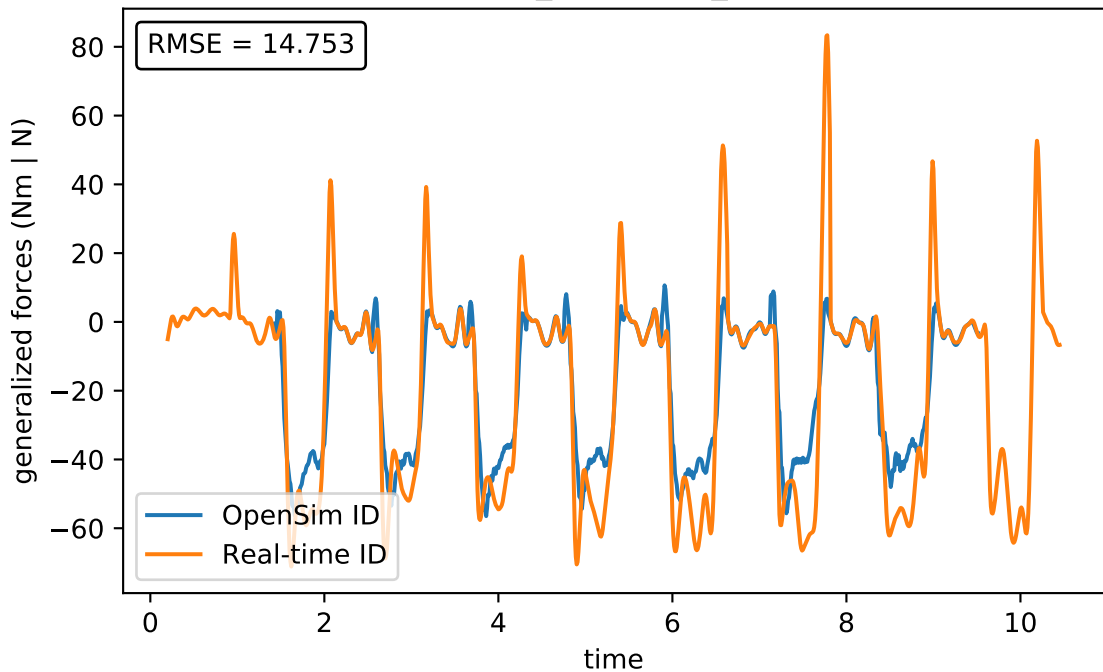
generalized forces (Nm | N)

OpenSim ID  
Real-time ID

time

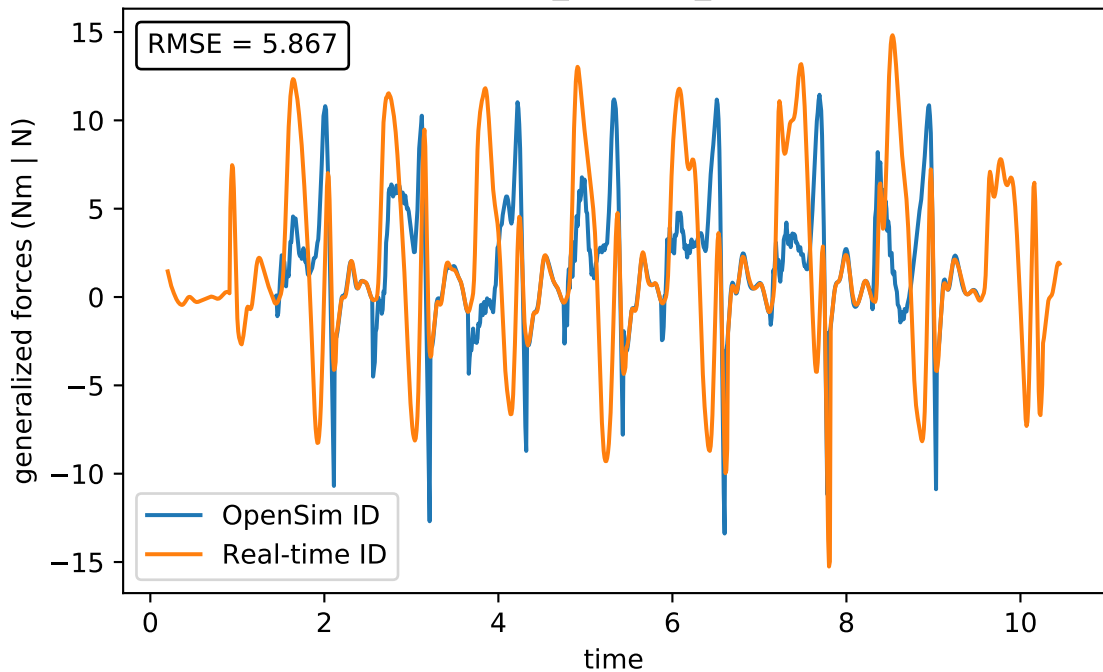


# hip\_adduction\_r





# hip\_rotation\_r



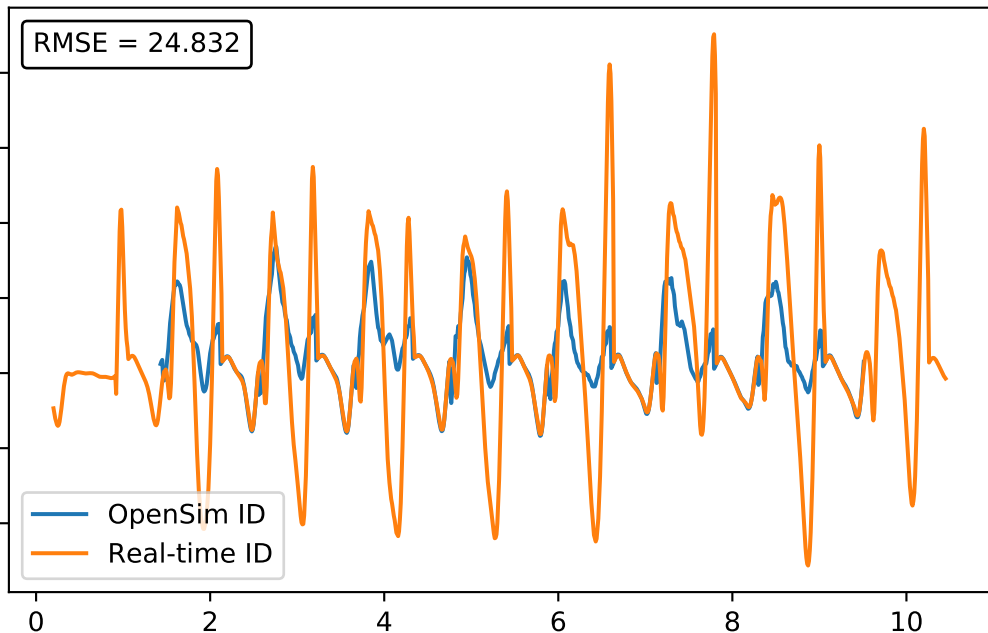
# knee\_angle\_r

RMSE = 24.832

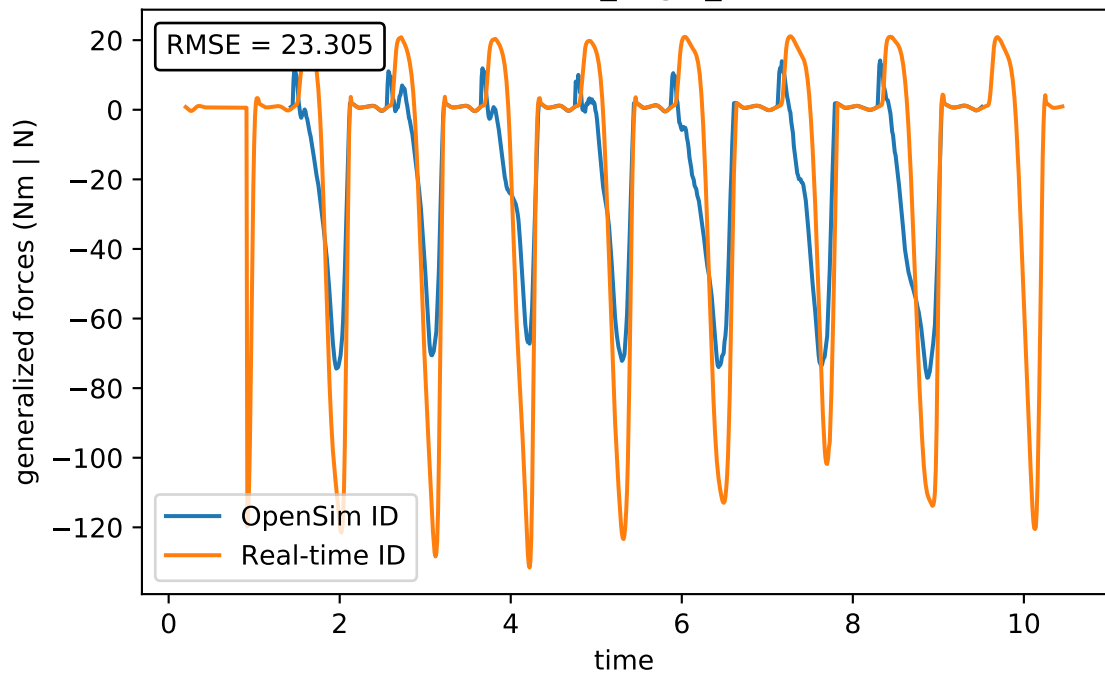
generalized forces (Nm | N)

OpenSim ID  
Real-time ID

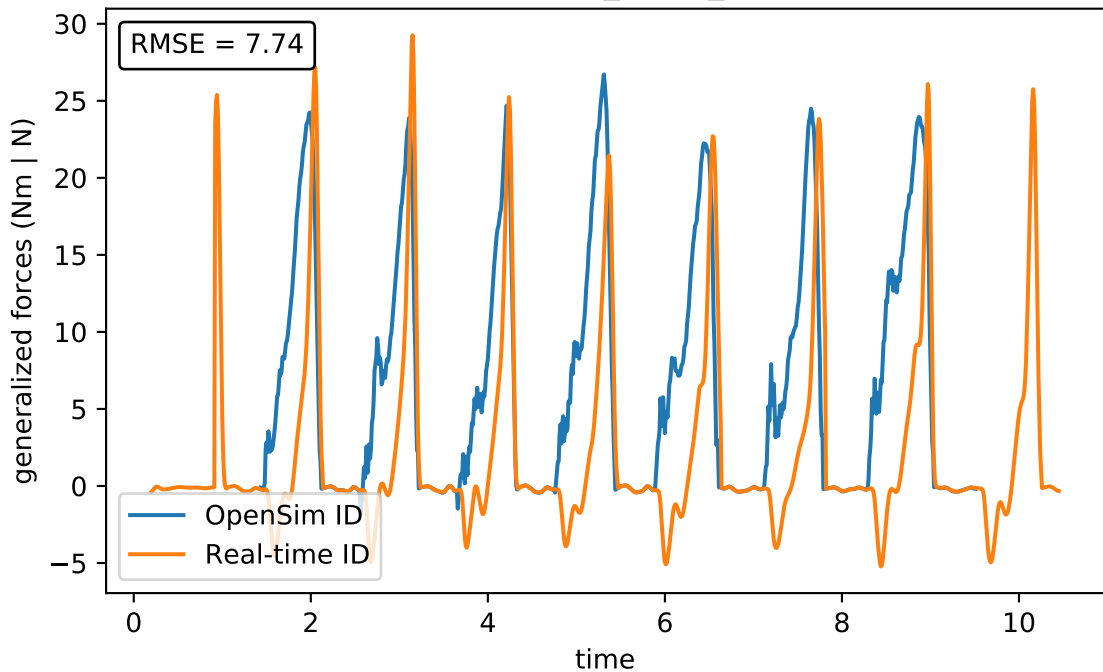
time



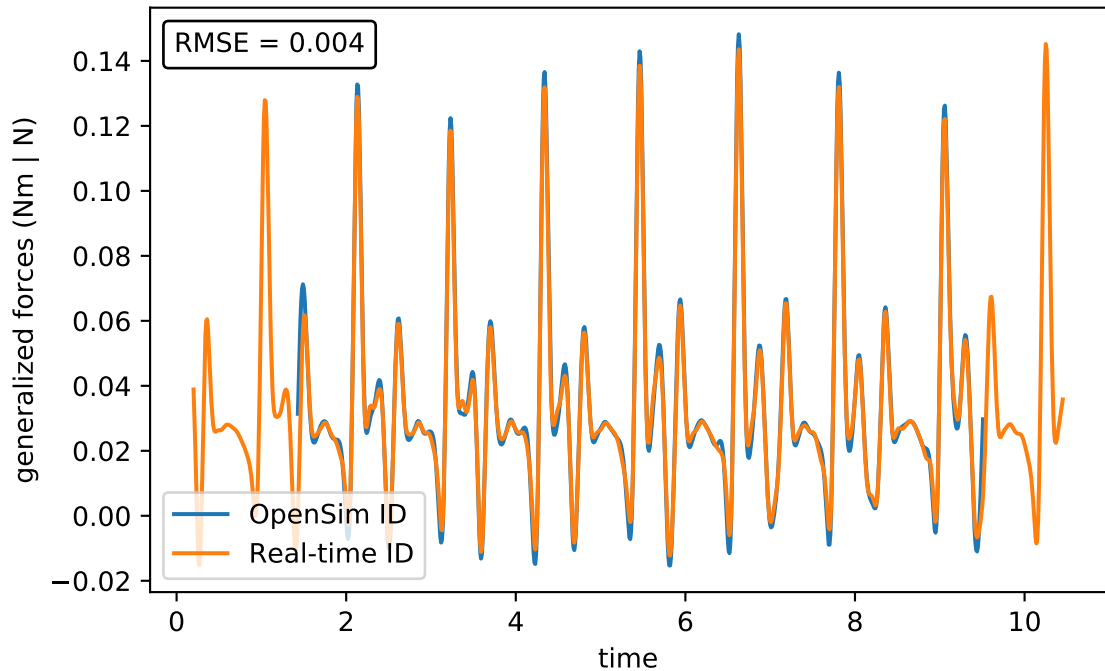
ankle\_angle\_r



# subtalar\_angle\_r

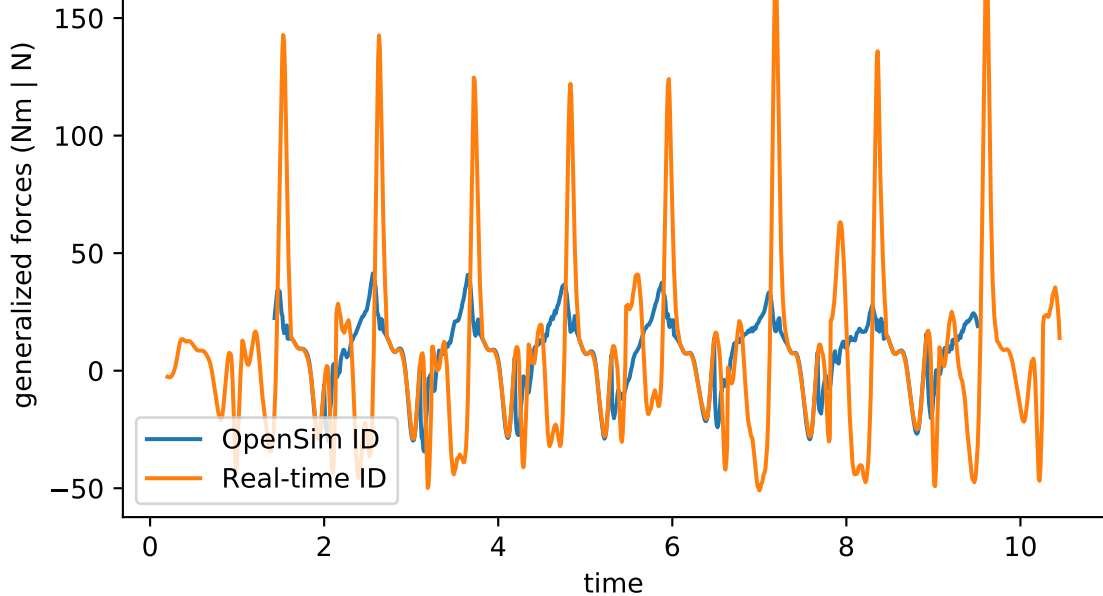


# mtp\_angle\_r

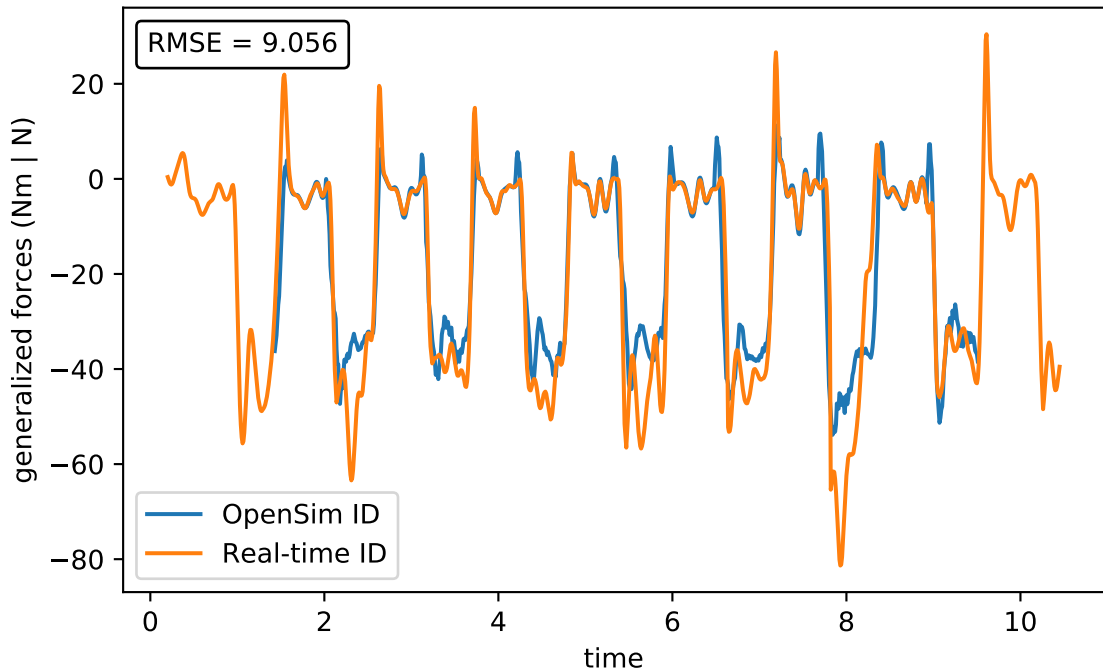


# hip\_flexion\_I

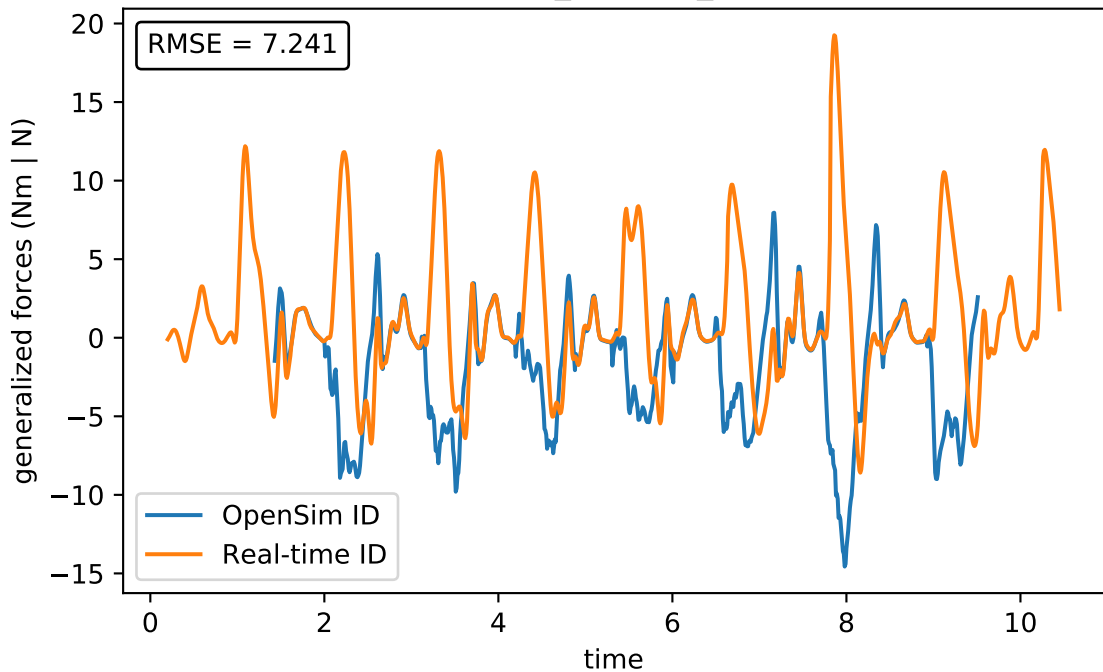
RMSE = 37.462



## hip\_adduction\_l



# hip\_rotation\_l





knee\_angle\_l

RMSE = 25.907

generalized forces (Nm | N)

OpenSim ID  
Real-time ID

time

0

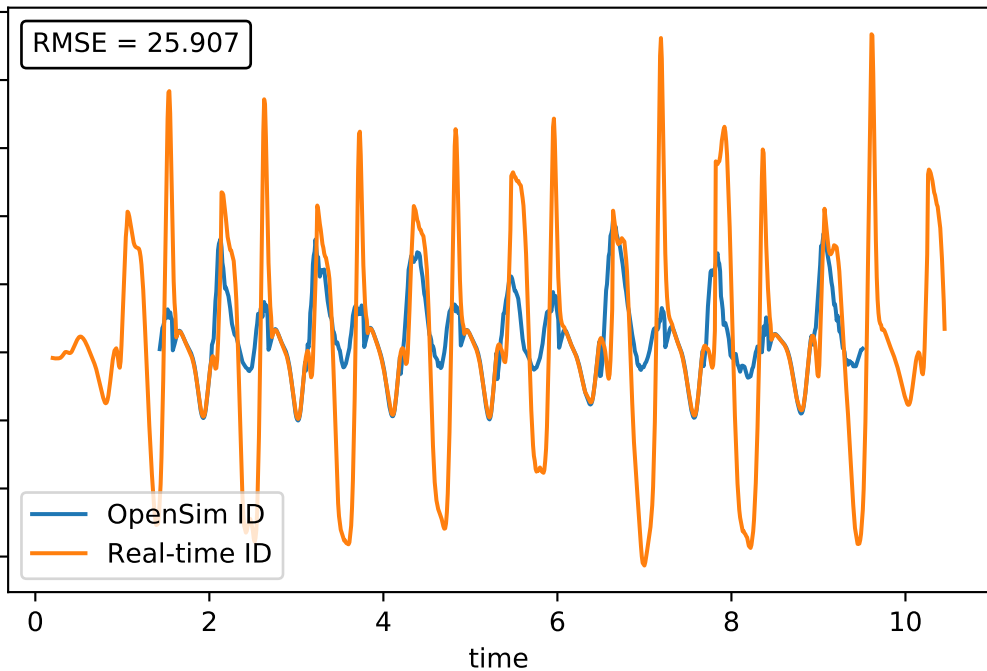
2

4

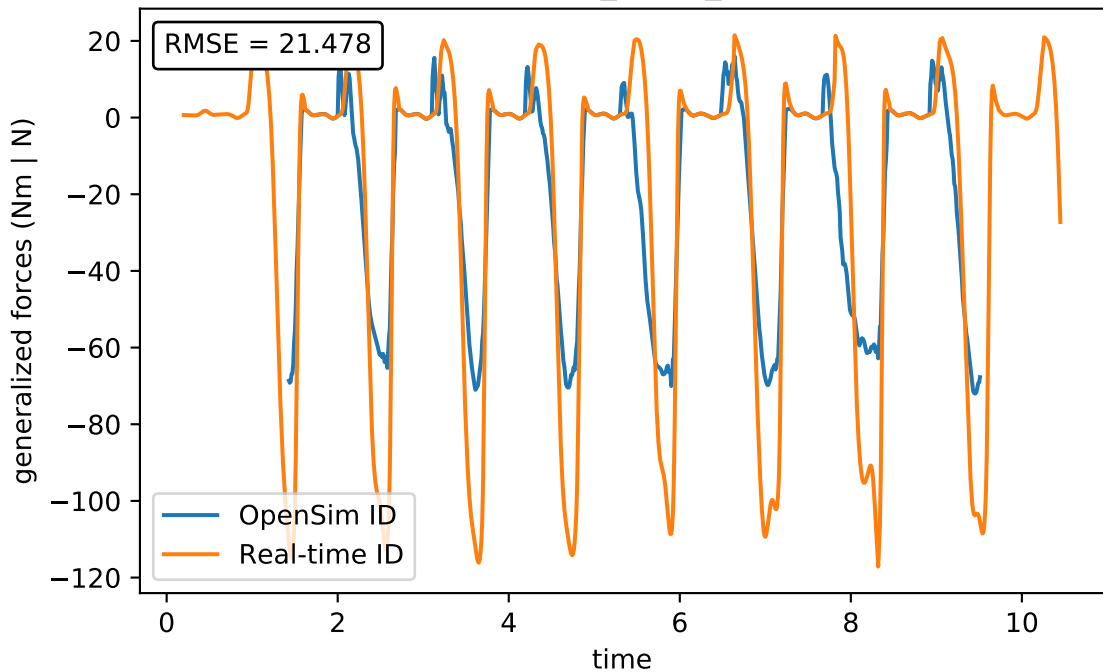
6

8

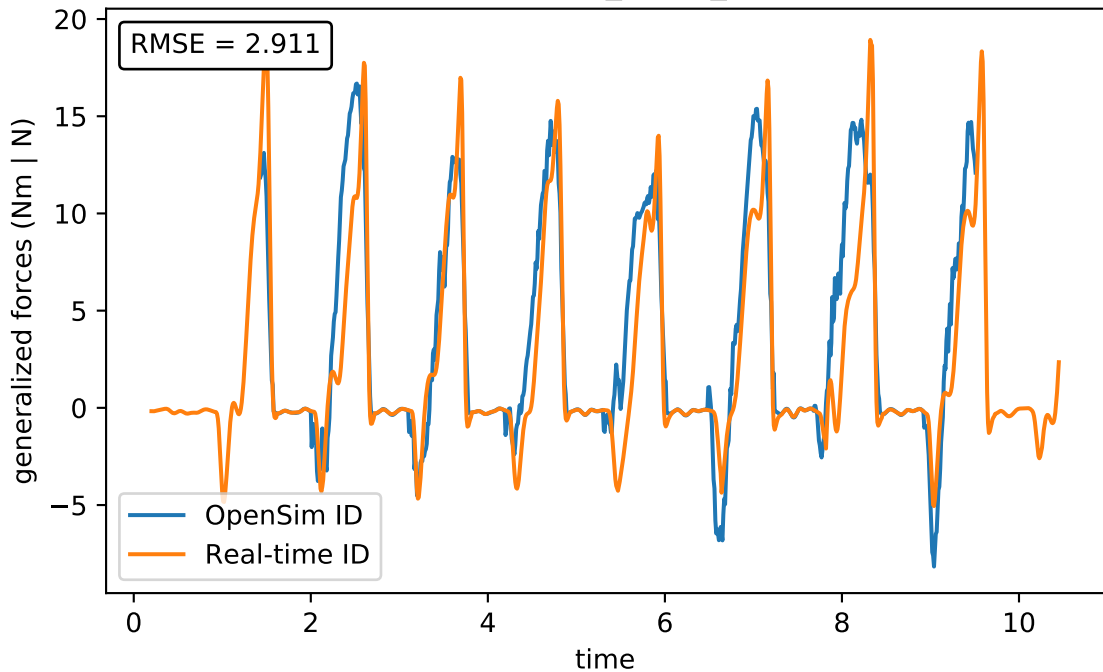
10



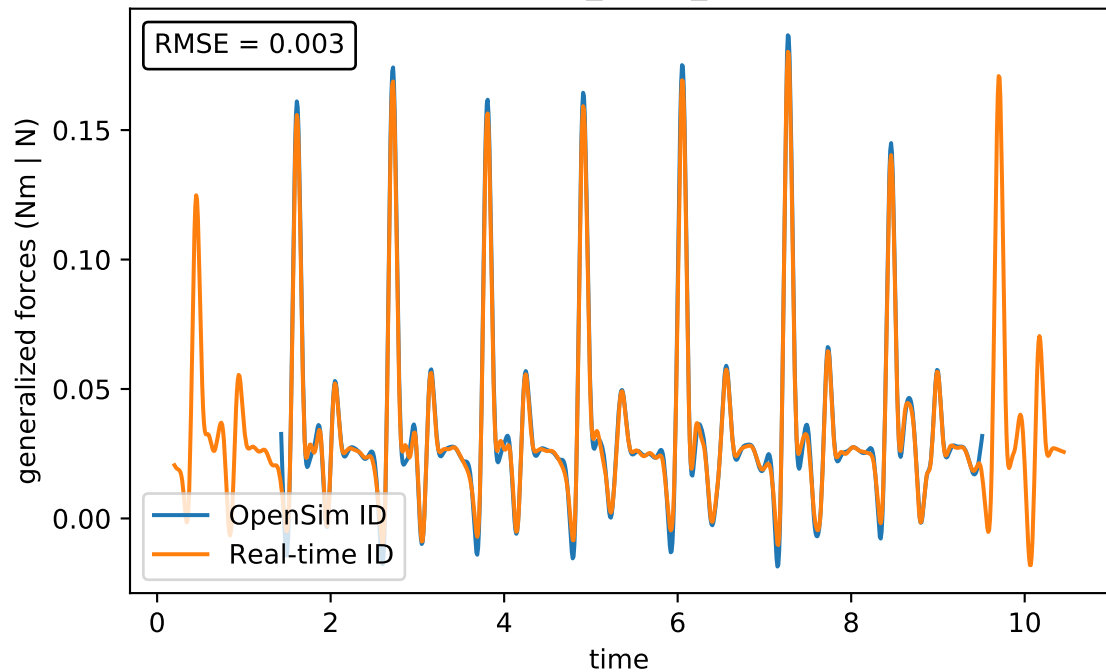
# ankle\_angle\_l



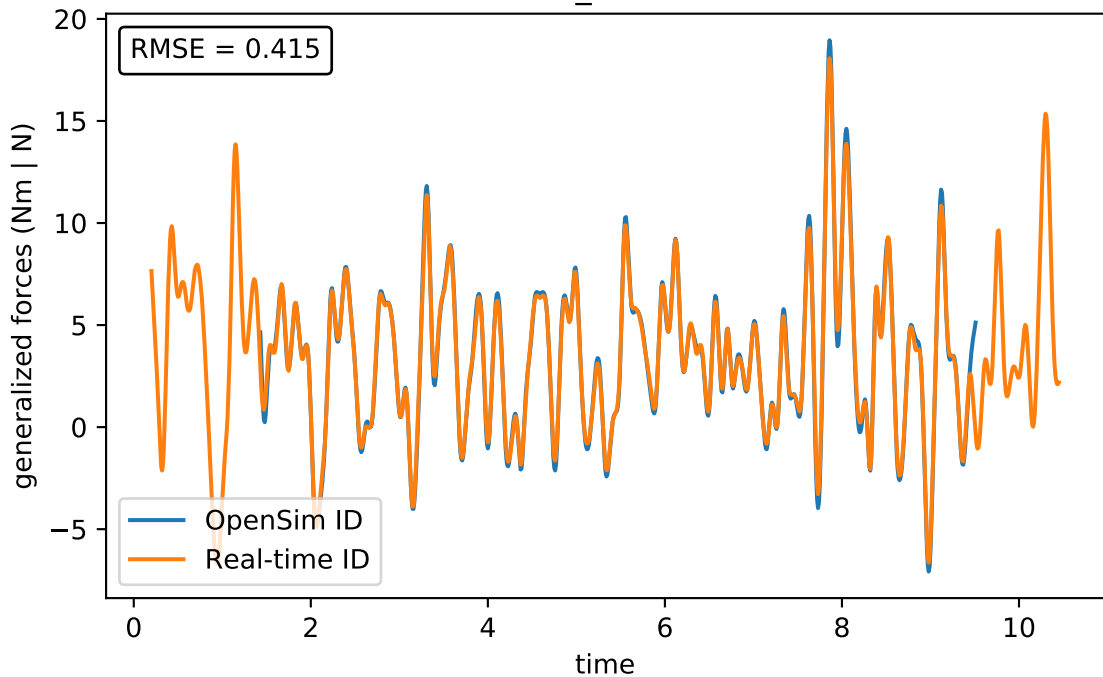
# subtalar\_angle\_l



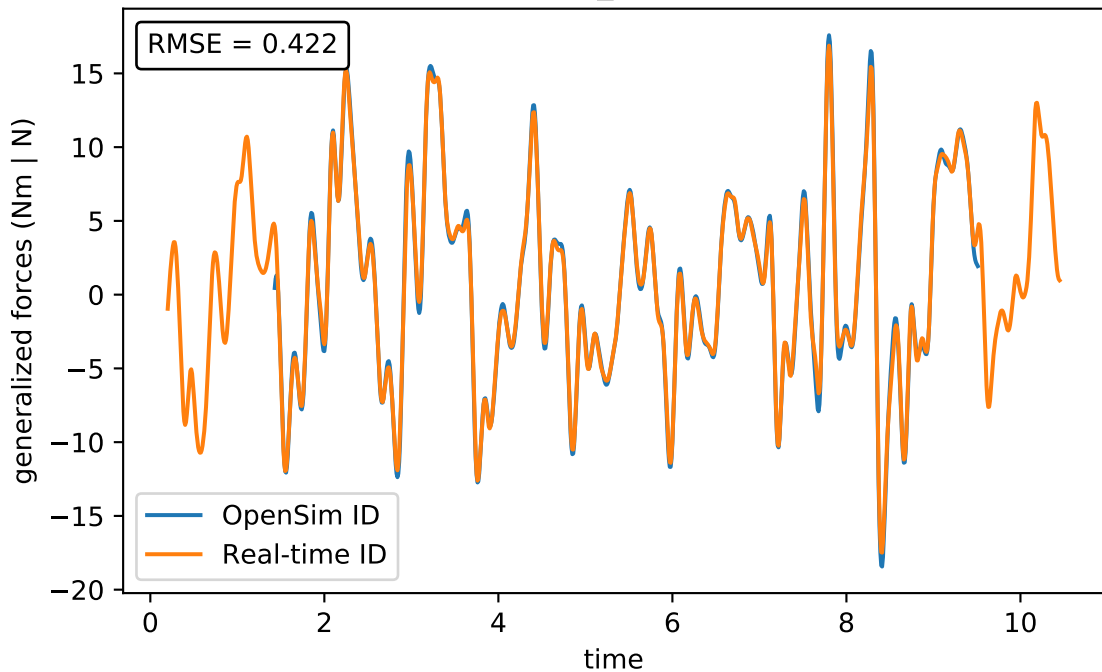
# mtp\_angle\_l



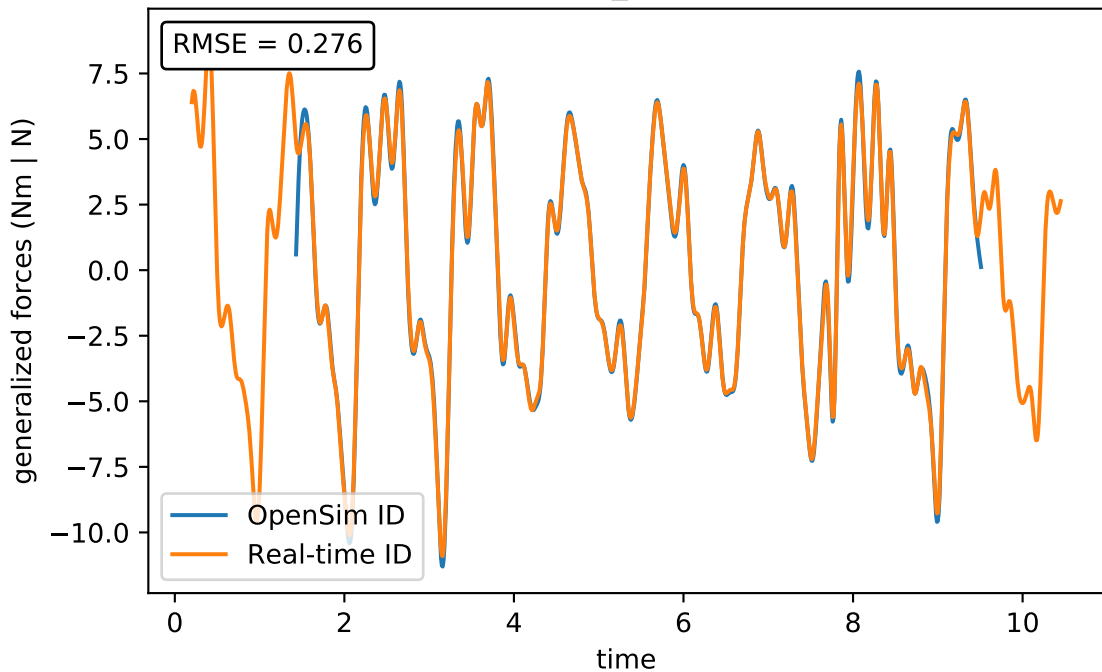
# lumbar\_extension



## lumbar\_bending



# lumbar\_rotation



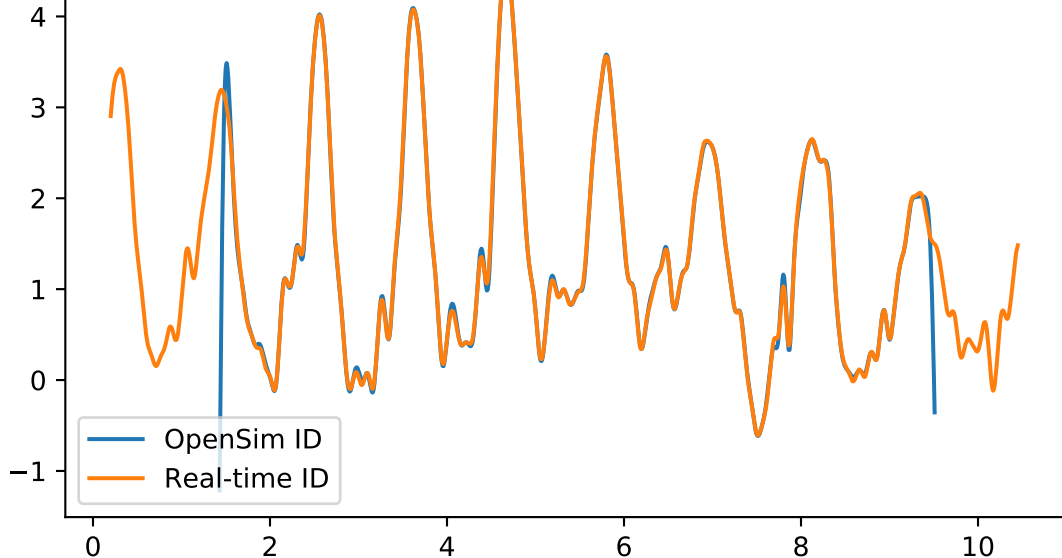
# arm\_flex\_r

RMSE = 0.243

generalized forces (Nm | N)

— OpenSim ID  
— Real-time ID

time





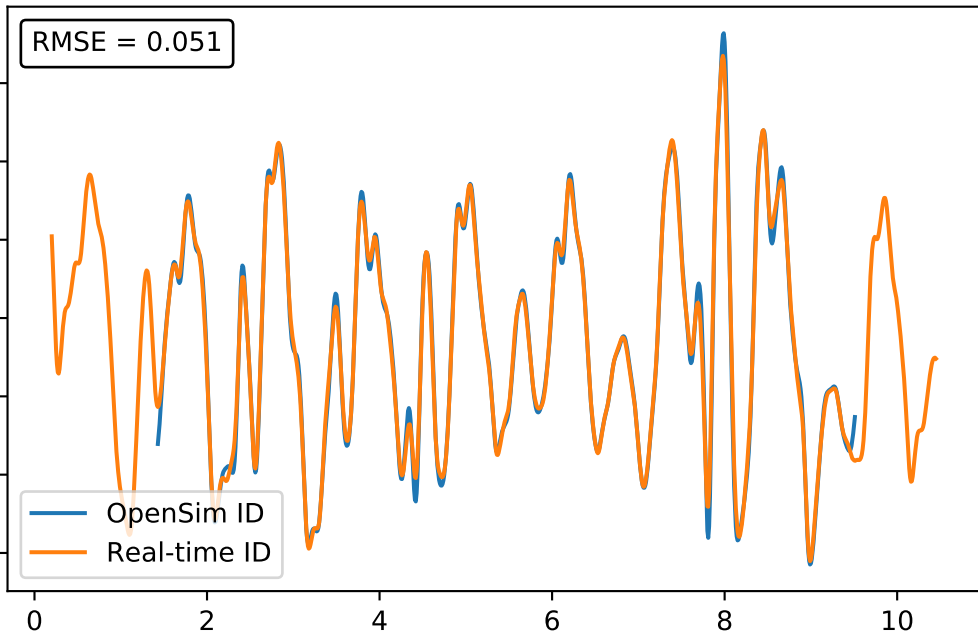
# arm\_add\_r

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

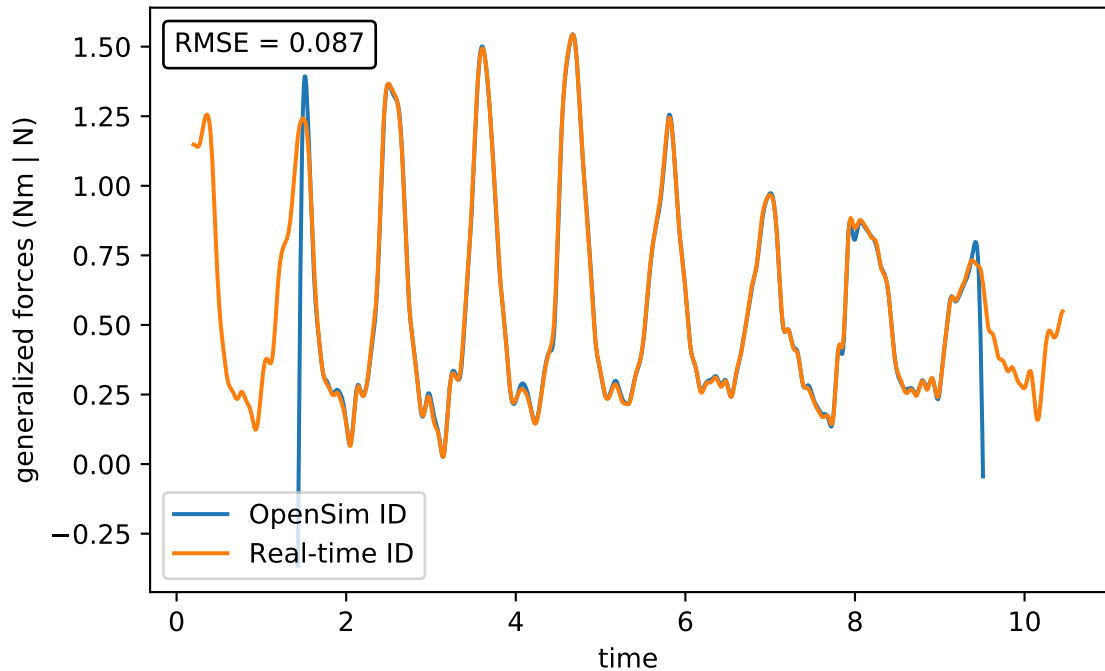
4

6

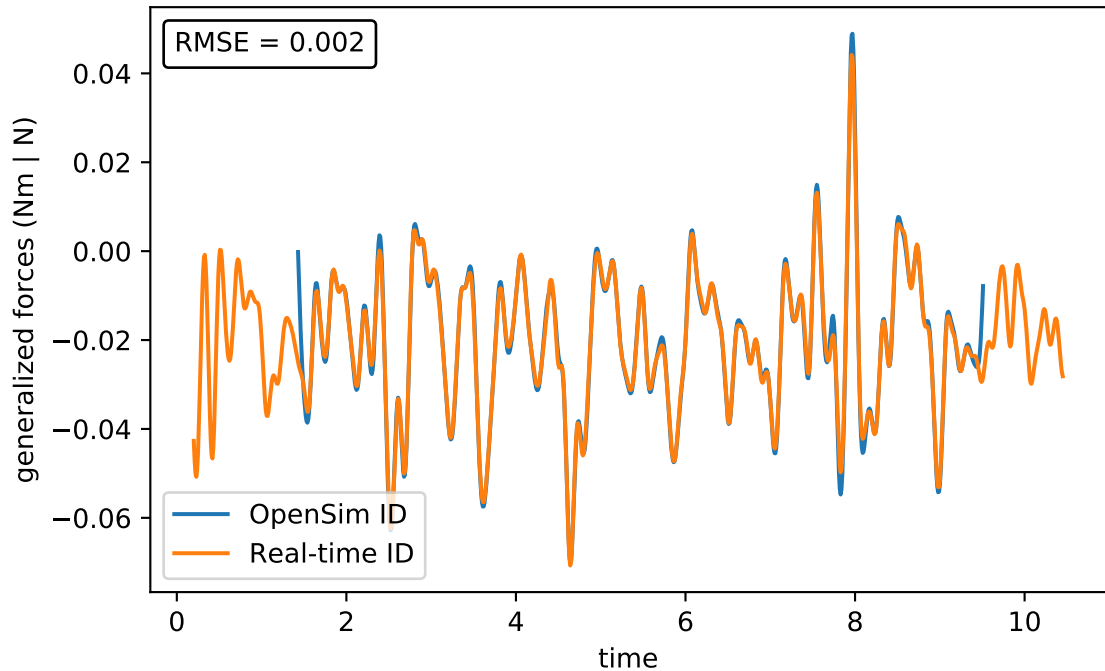
8

10

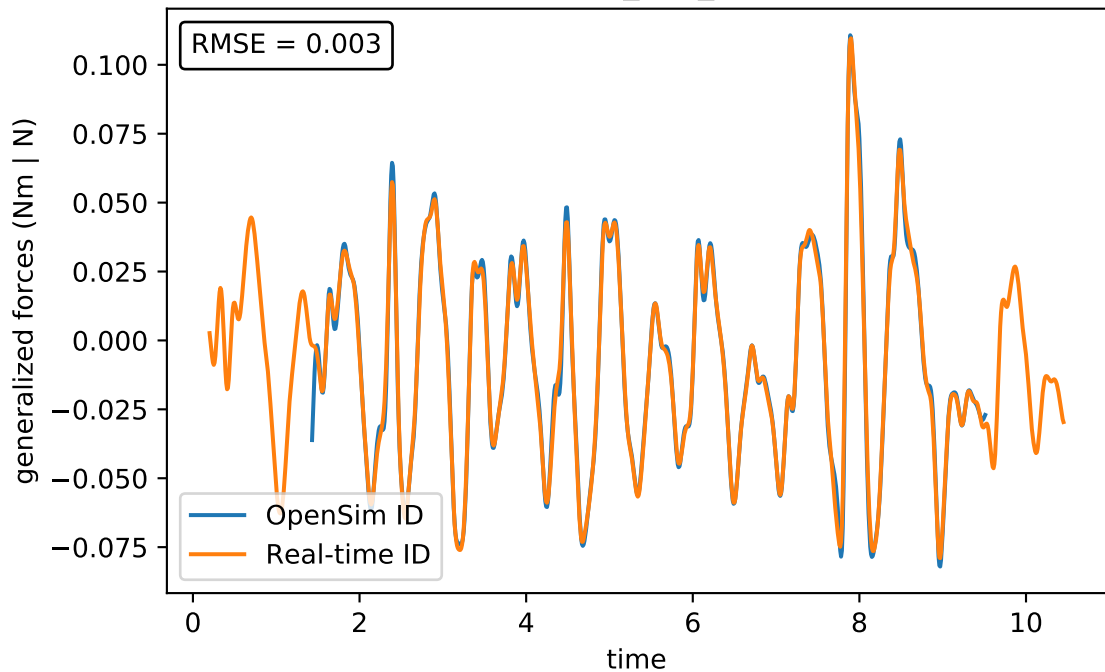
# elbow\_flex\_r



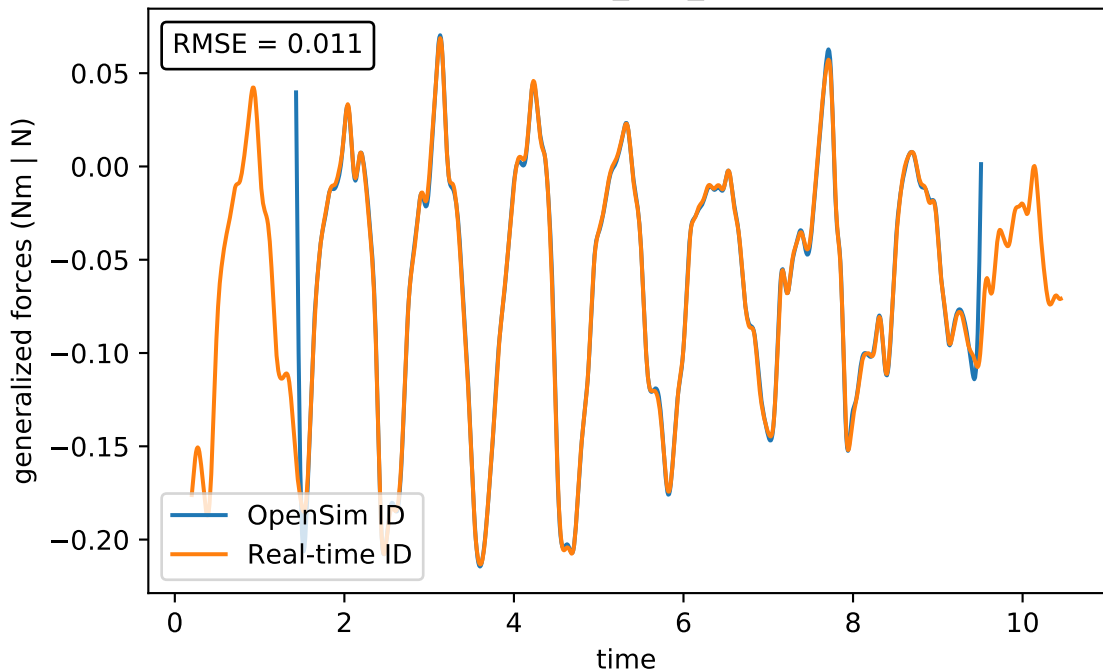
pro\_sup\_r



# wrist\_flex\_r



wrist\_dev\_r



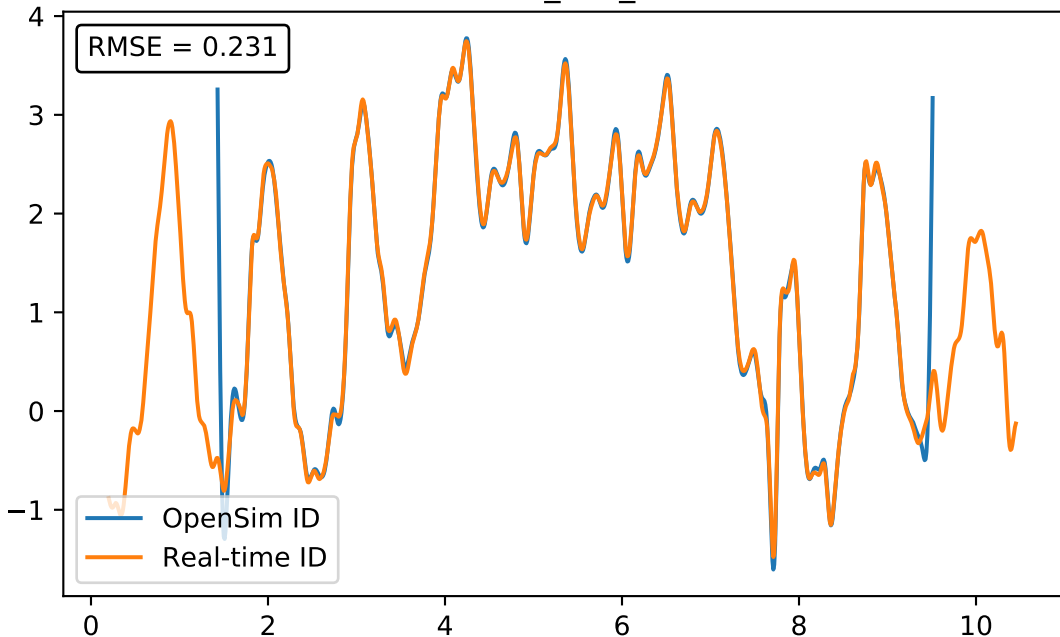
# arm\_flex\_I

RMSE = 0.231

generalized forces (Nm | N)

OpenSim ID  
Real-time ID

time



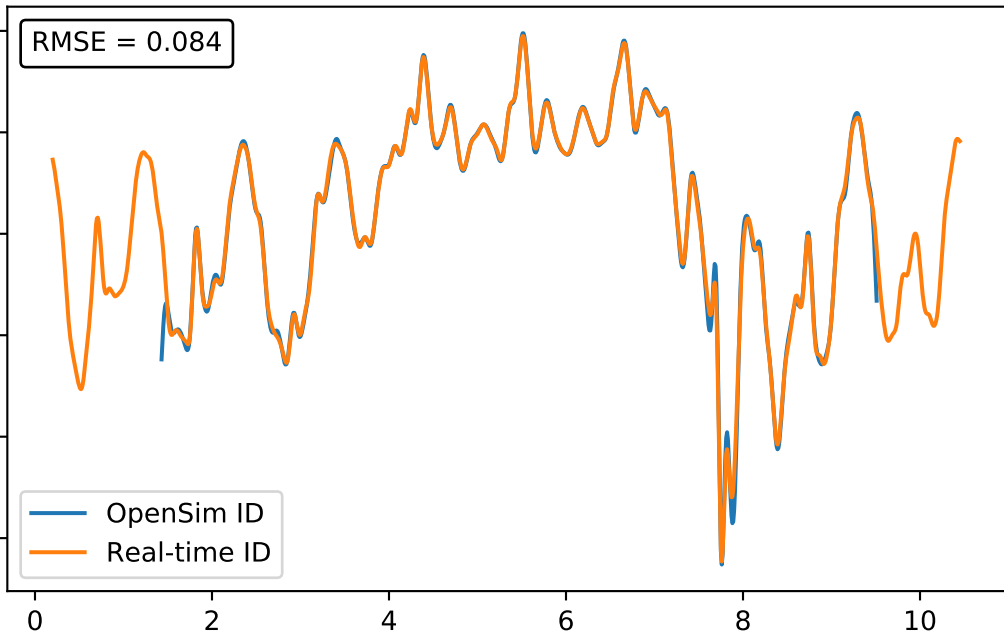
# arm\_add\_l

RMSE = 0.084

generalized forces (Nm | N)

OpenSim ID  
Real-time ID

time





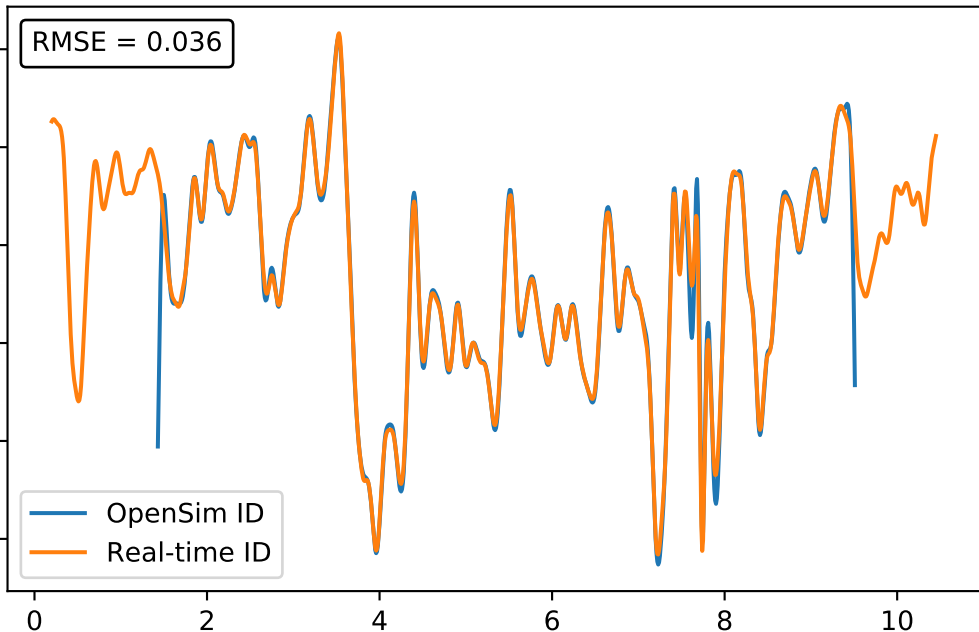
# arm\_rot\_l

RMSE = 0.036

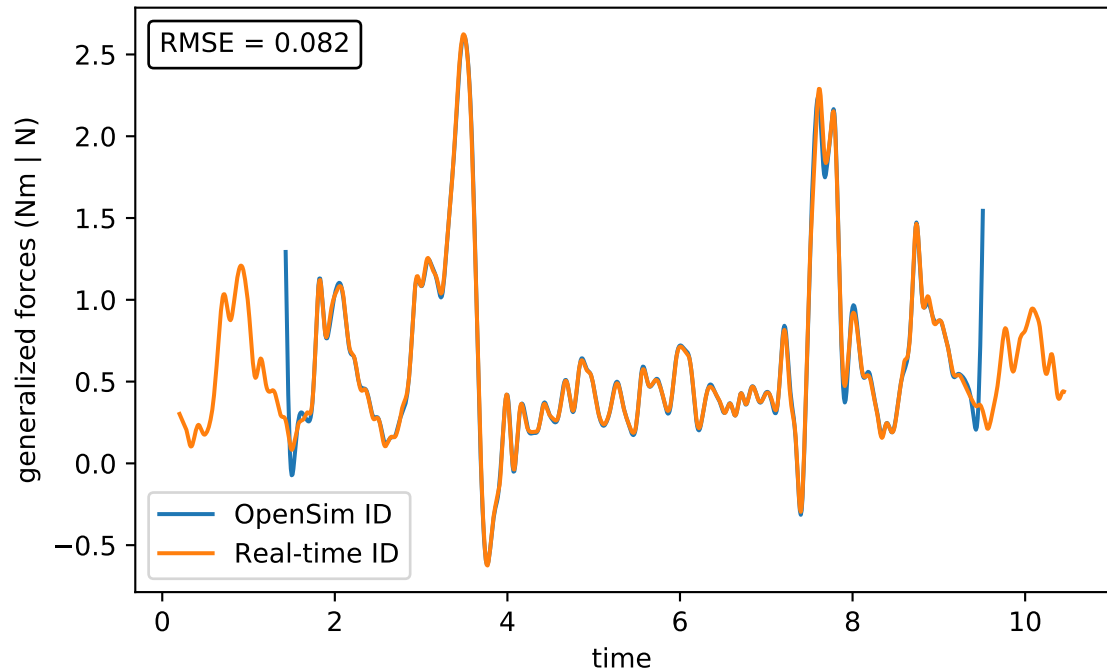
generalized forces (Nm | N)

OpenSim ID  
Real-time ID

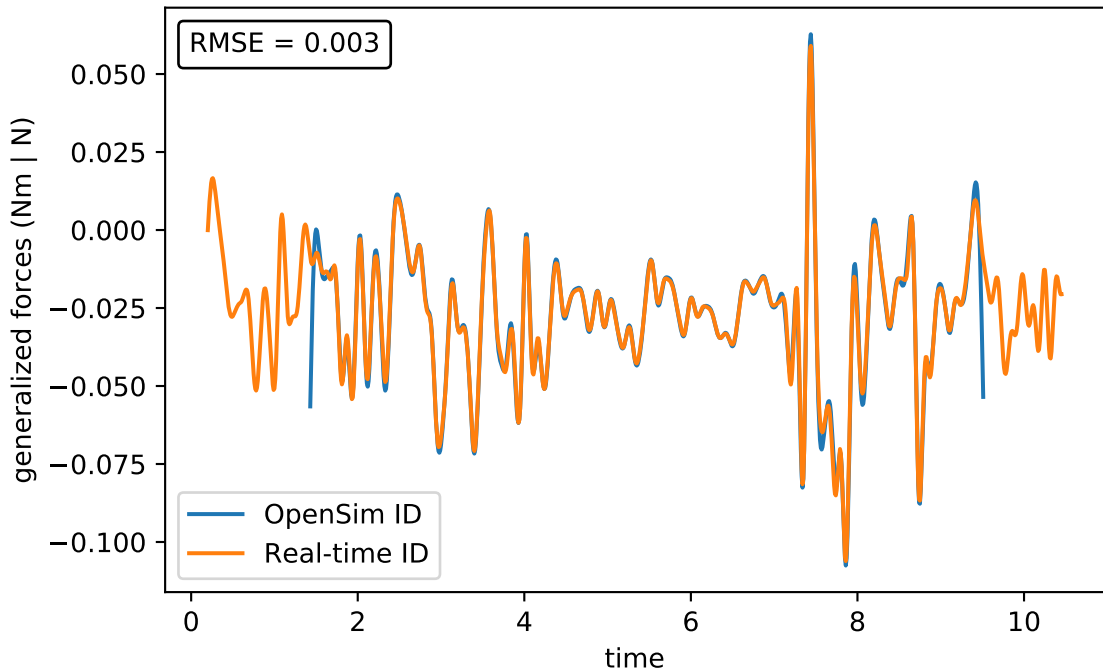
time



## elbow\_flex\_l



# pro\_sup\_l



# wrist\_flex\_l

RMSE = 0.006

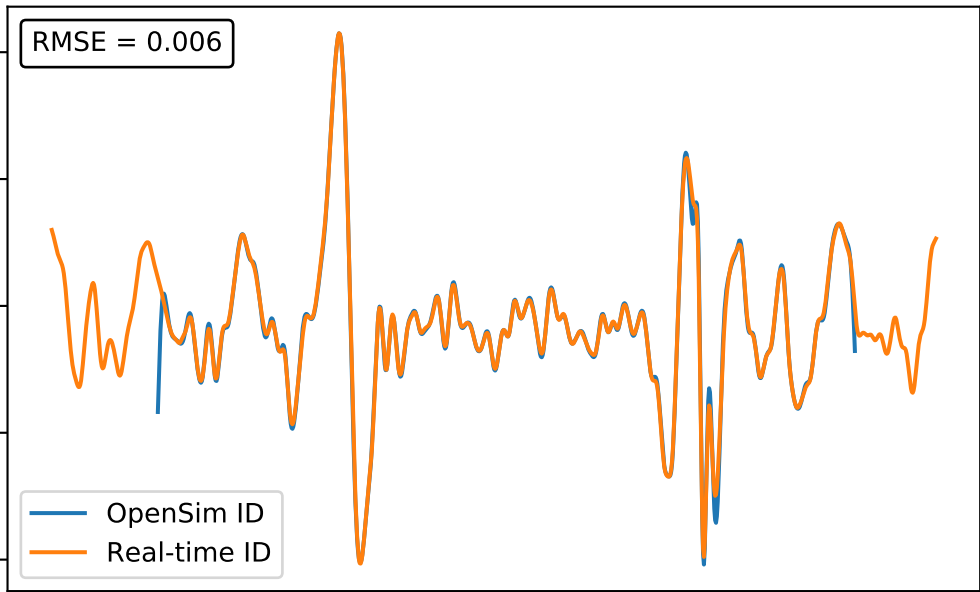
generalized forces (Nm | N)

0.2  
0.1  
0.0  
-0.1  
-0.2

OpenSim ID  
Real-time ID

time

0 2 4 6 8 10



# wrist\_dev\_l

