

# pelvis\_tilt

RMSE = 3.017

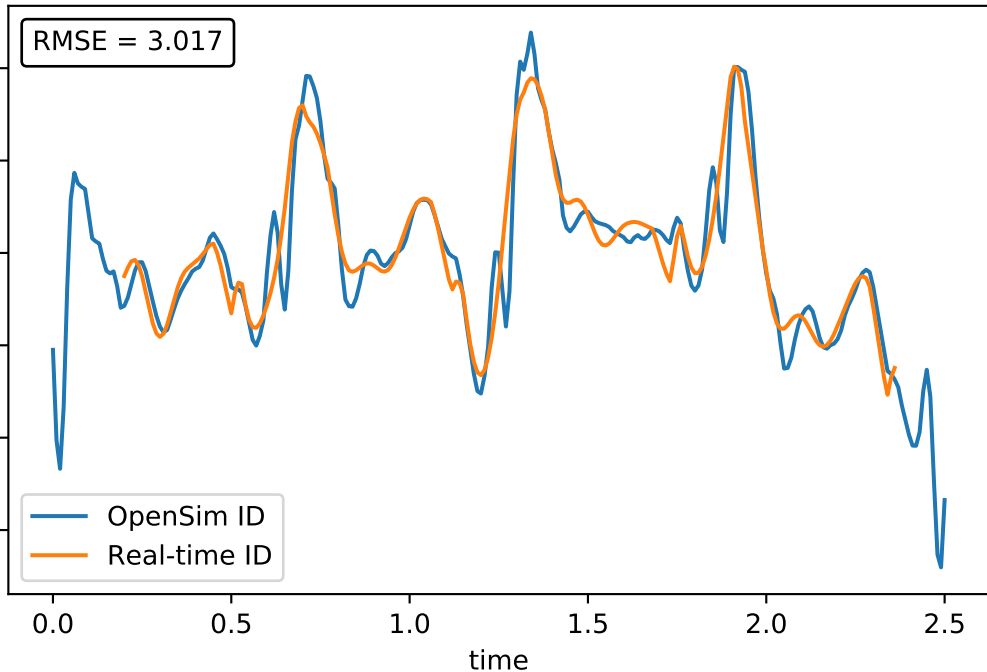
generalized forces (Nm | N)

30  
20  
10  
0  
-10  
-20

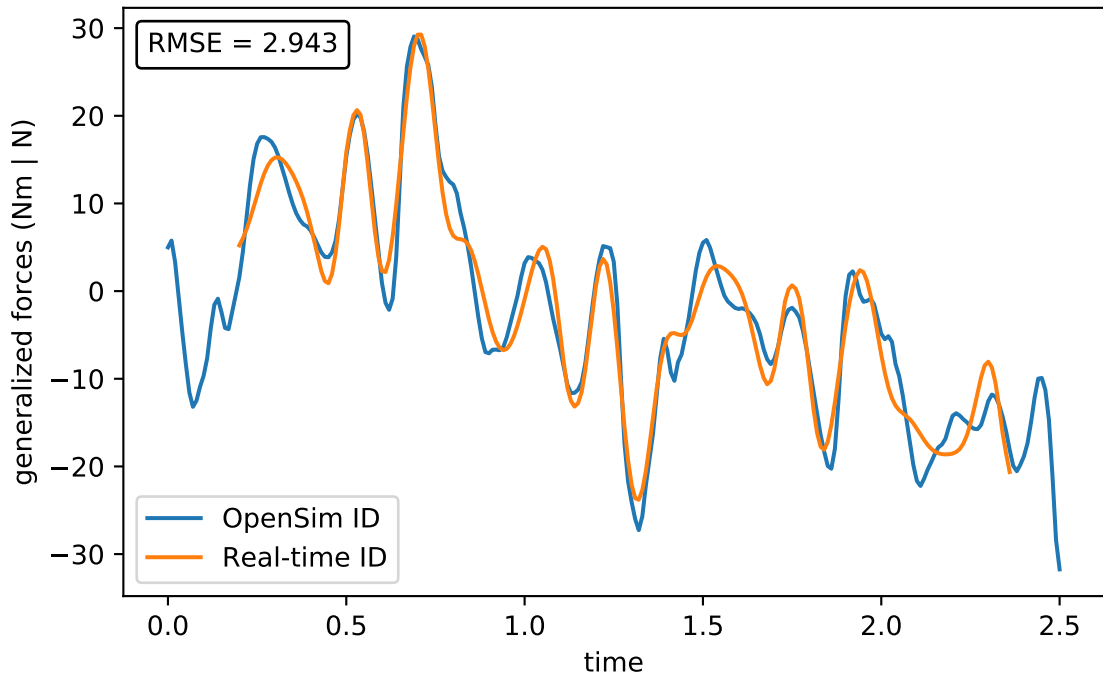
— OpenSim ID  
— Real-time ID

time

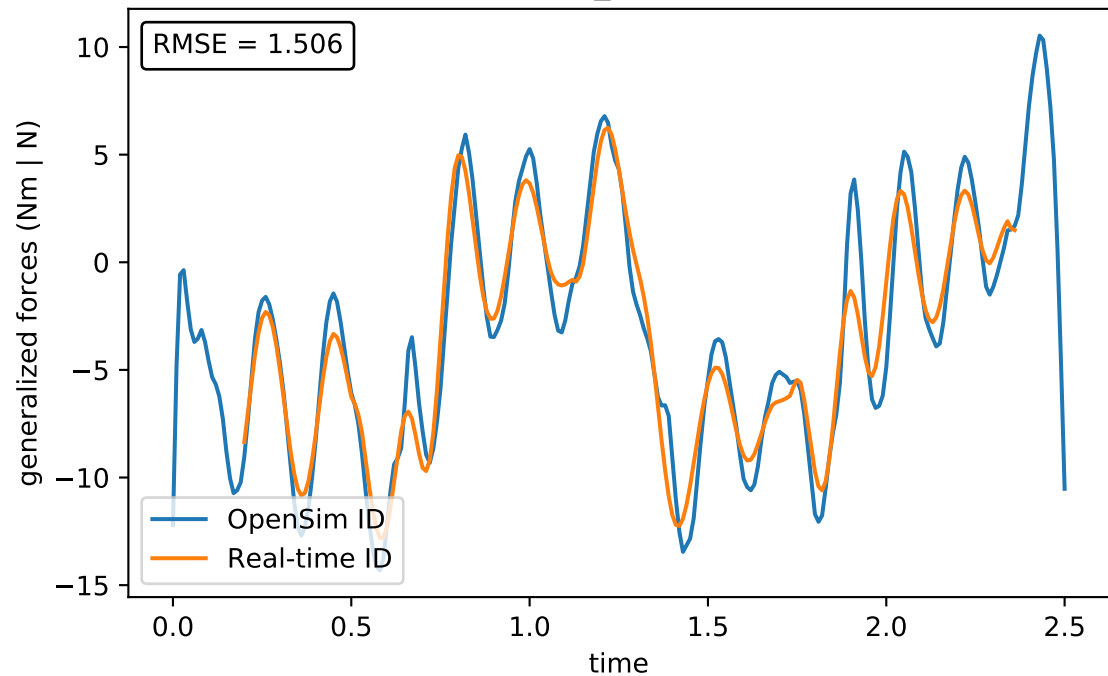
0.0 0.5 1.0 1.5 2.0 2.5



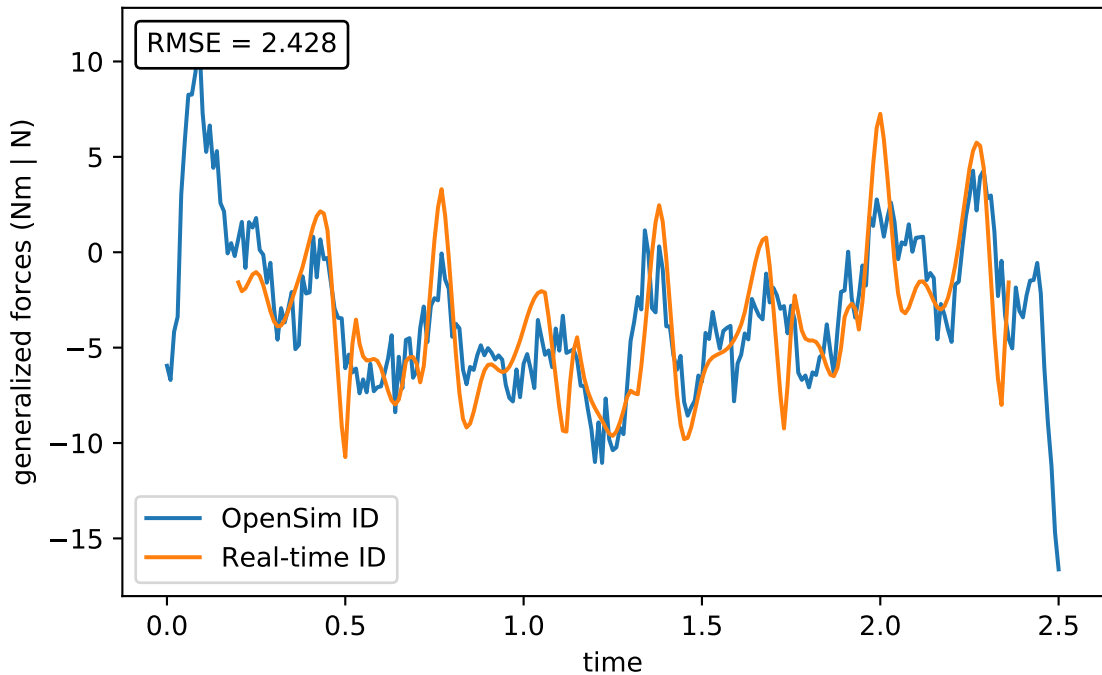
pelvis\_list



# pelvis\_rotation



# pelvis\_tx



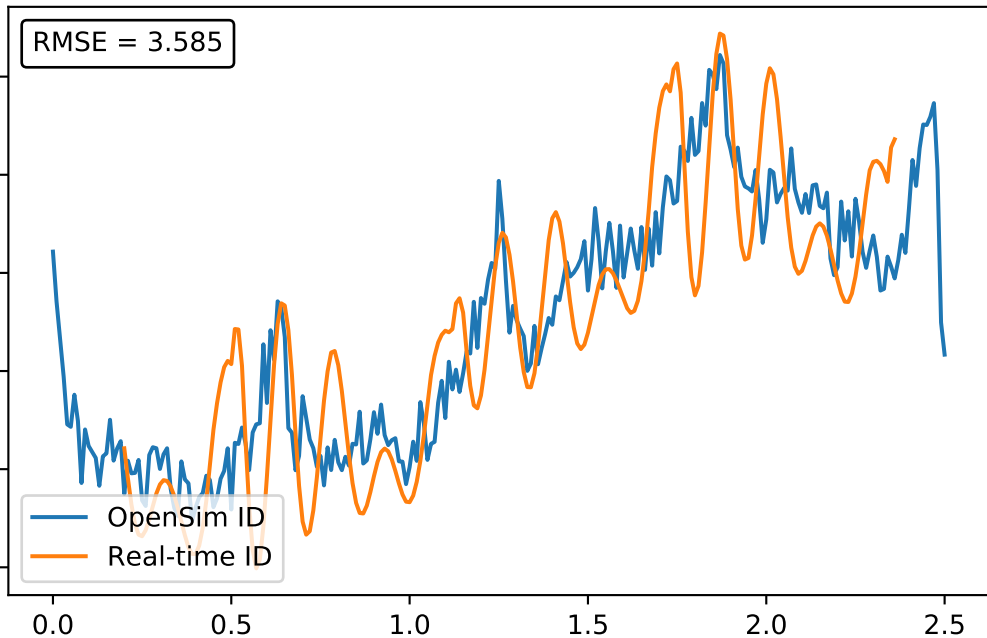
# pelvis\_ty

RMSE = 3.585

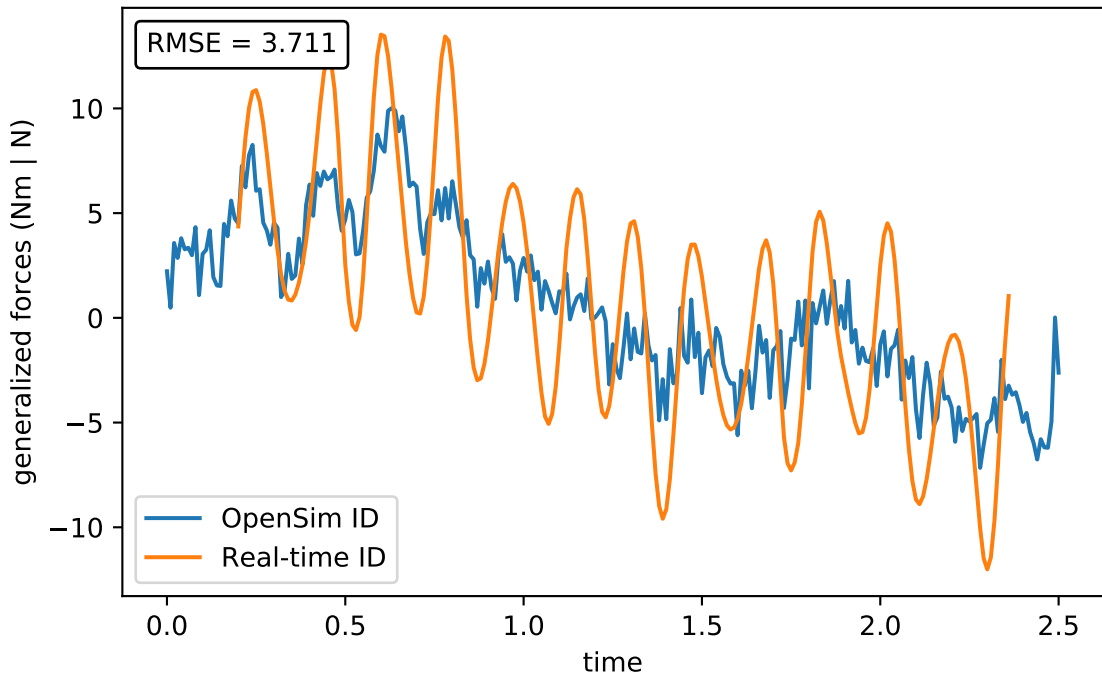
generalized forces (Nm | N)

OpenSim ID  
Real-time ID

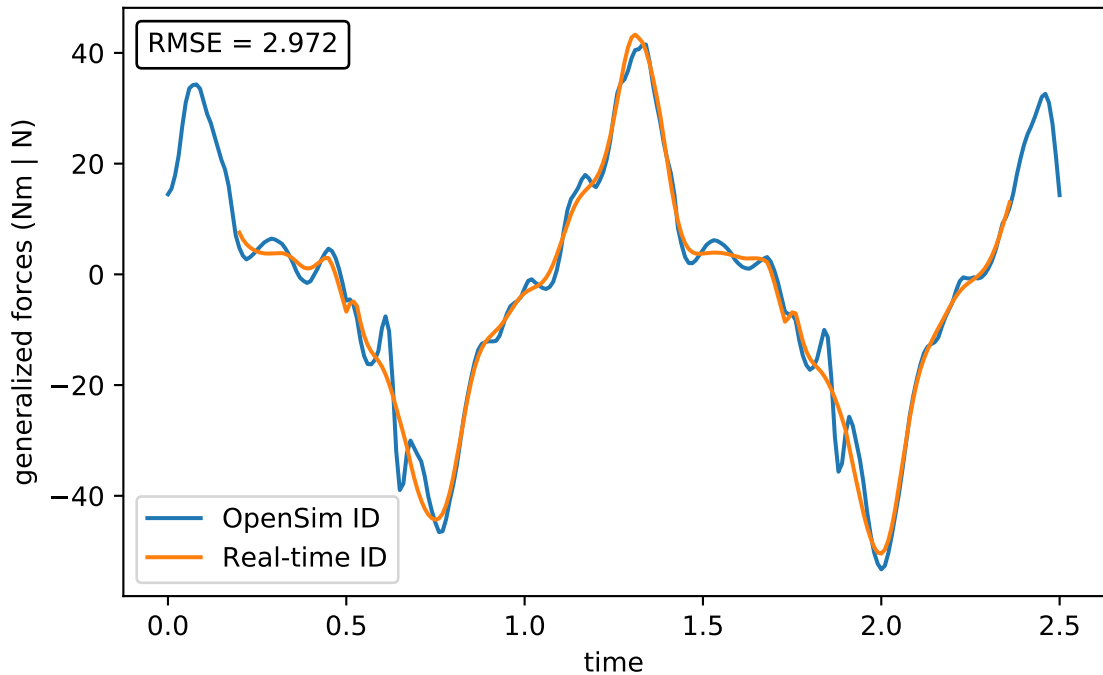
time



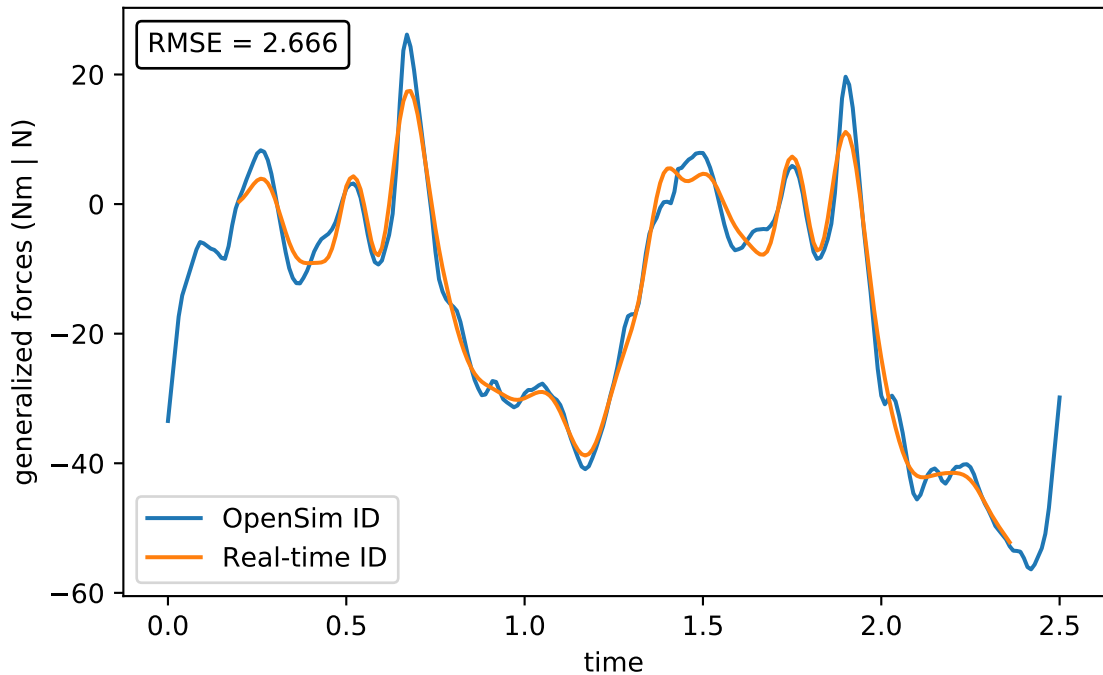
pelvis\_tz



# hip\_flexion\_r

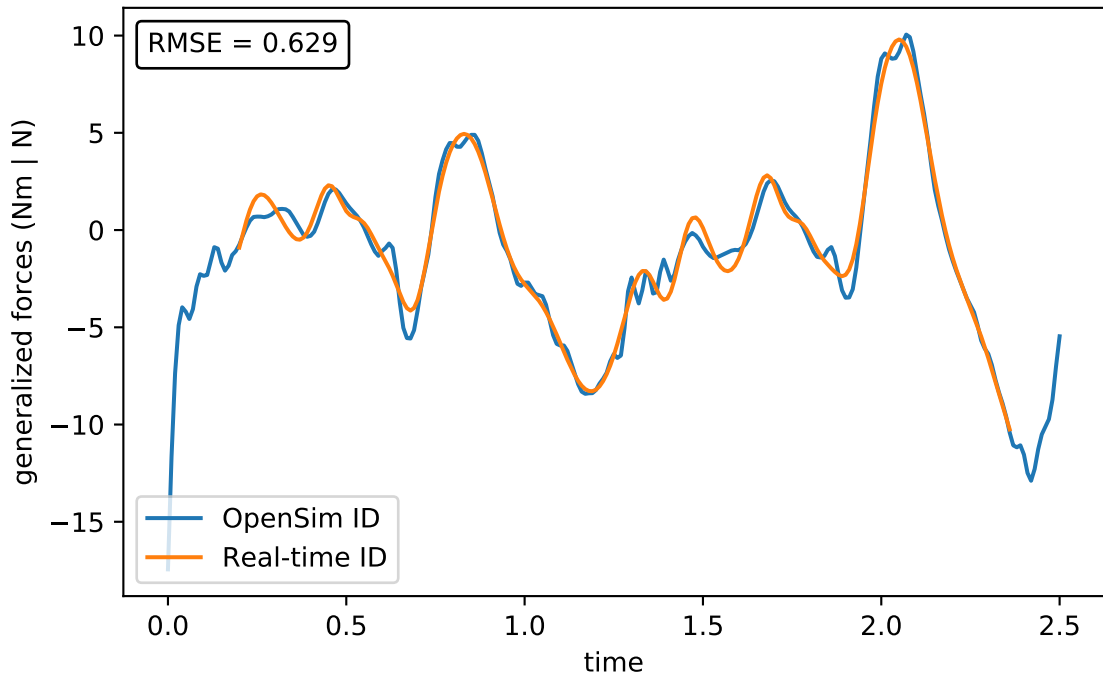


# hip\_adduction\_r

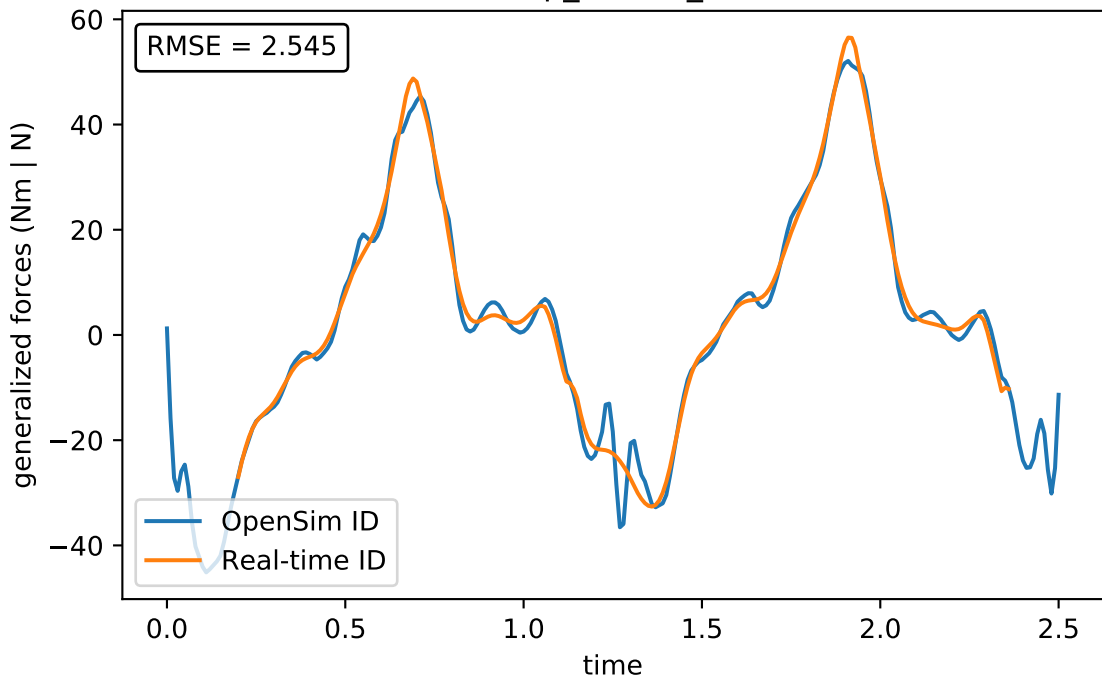




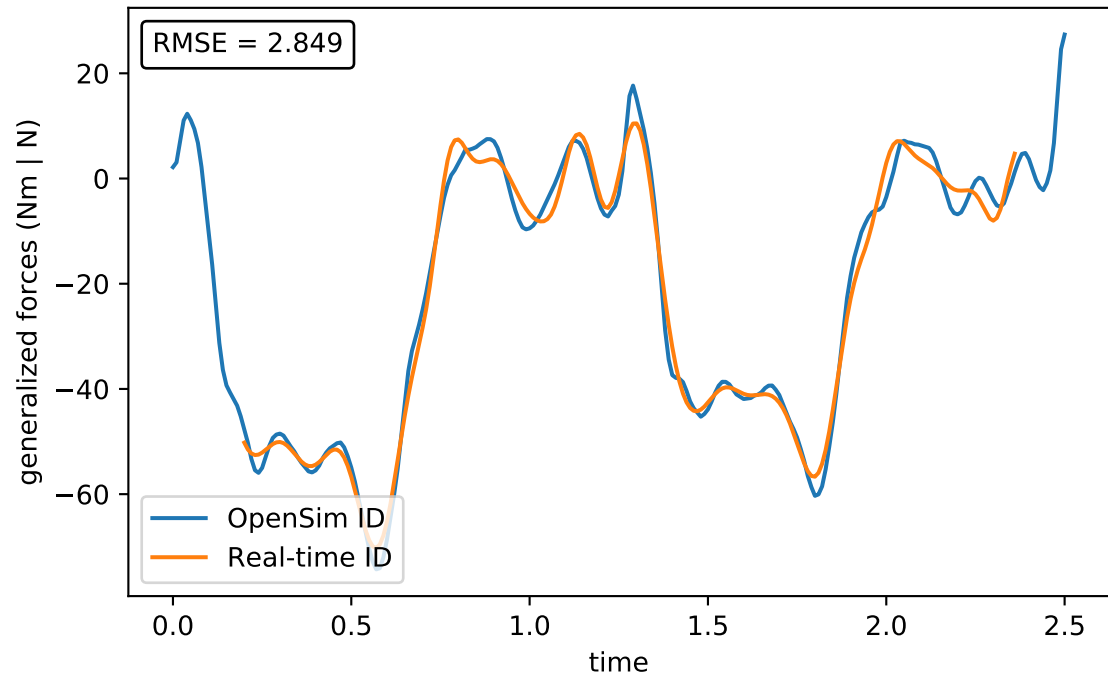
# hip\_rotation\_r



# hip\_flexion\_l



# hip\_adduction\_l



# hip\_rotation\_l

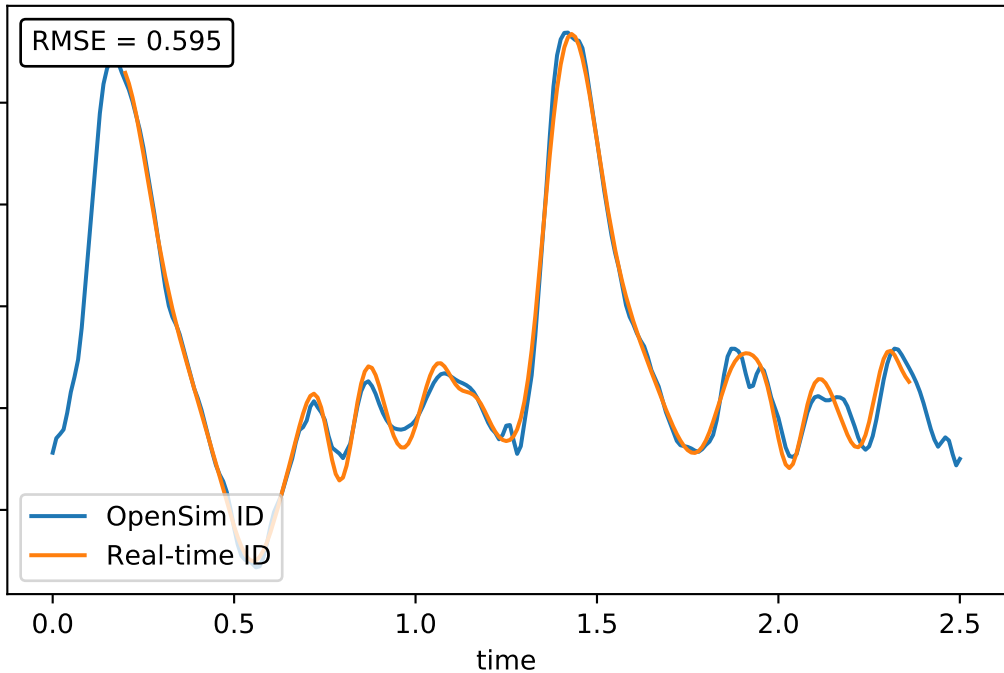
RMSE = 0.595

generalized forces (Nm | N)

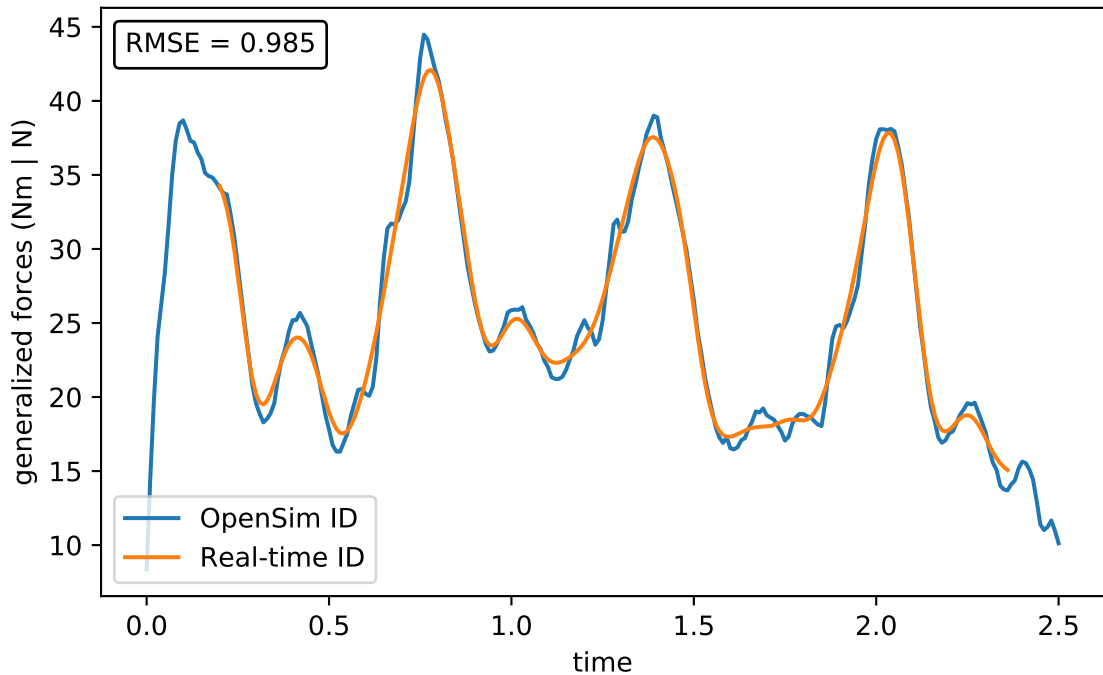
OpenSim ID  
Real-time ID

time

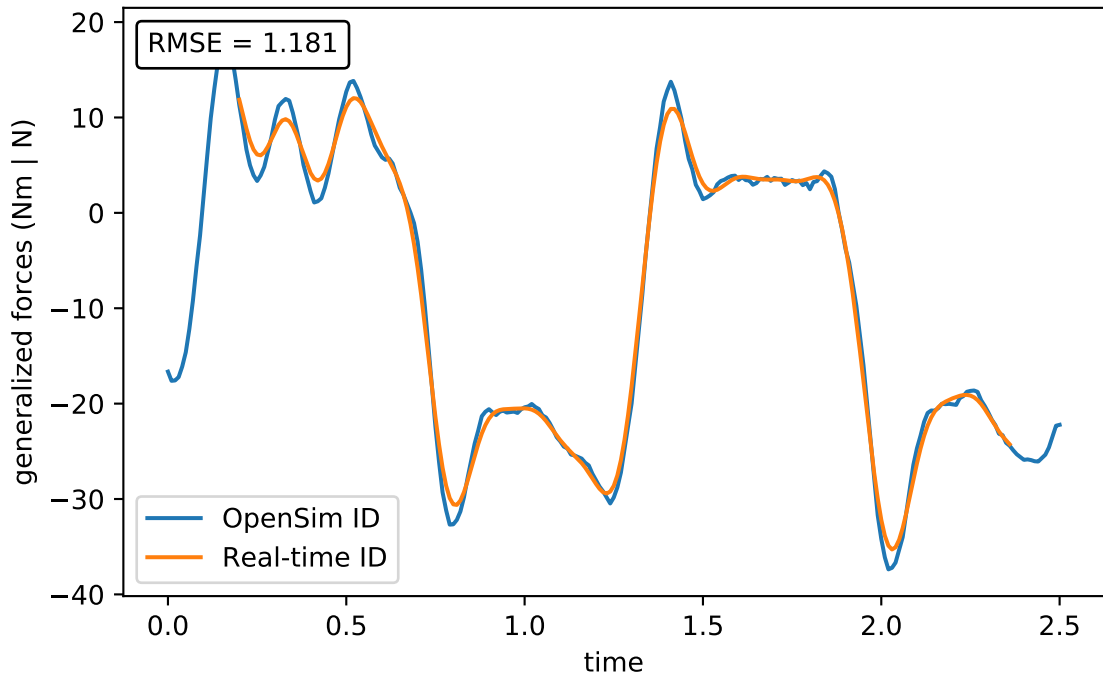
0.0 0.5 1.0 1.5 2.0 2.5



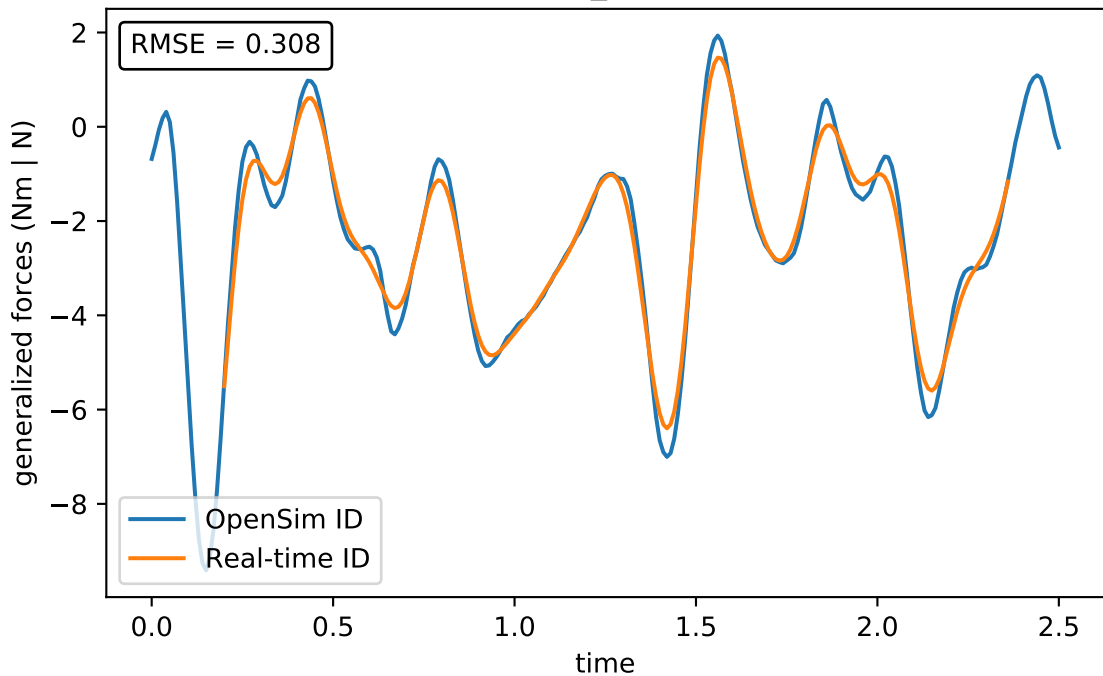
## lumbar\_extension



## lumbar\_bending



# lumbar\_rotation



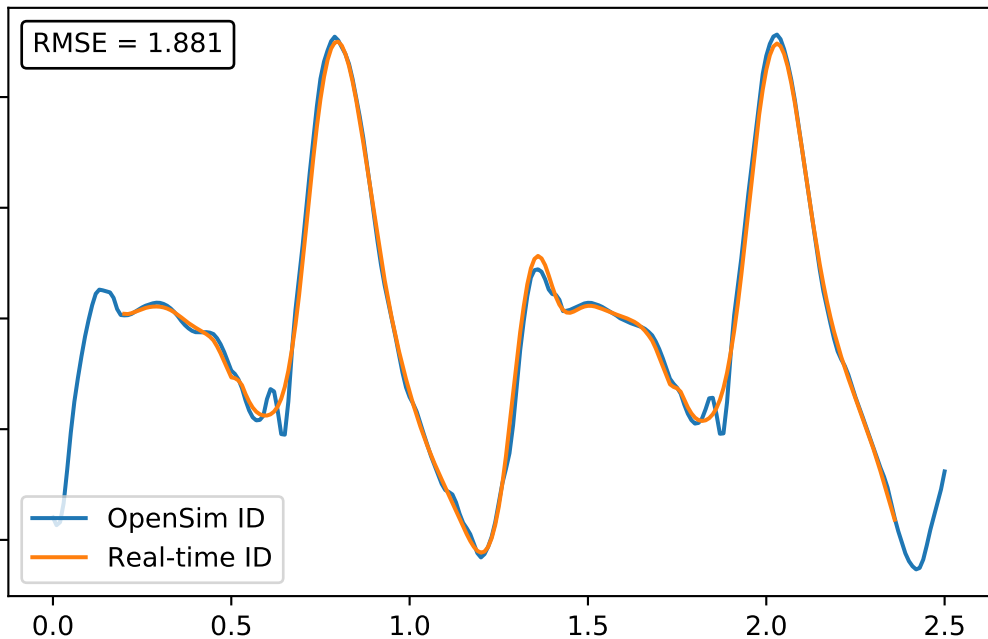
# knee\_angle\_r

RMSE = 1.881

generalized forces (Nm | N)

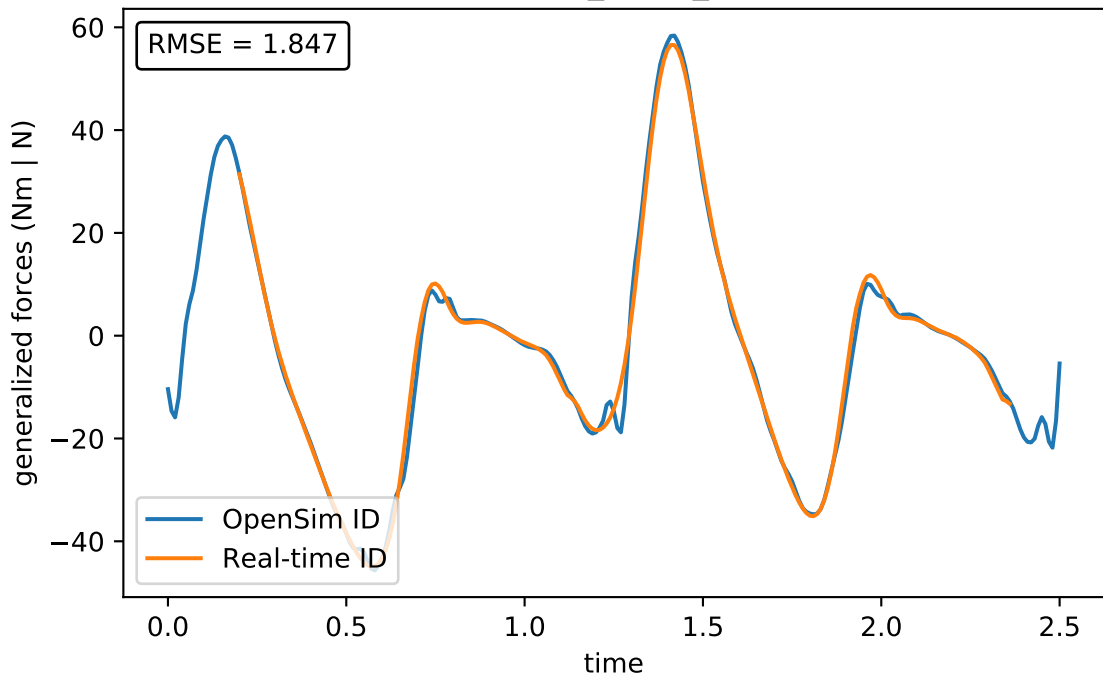
OpenSim ID  
Real-time ID

time

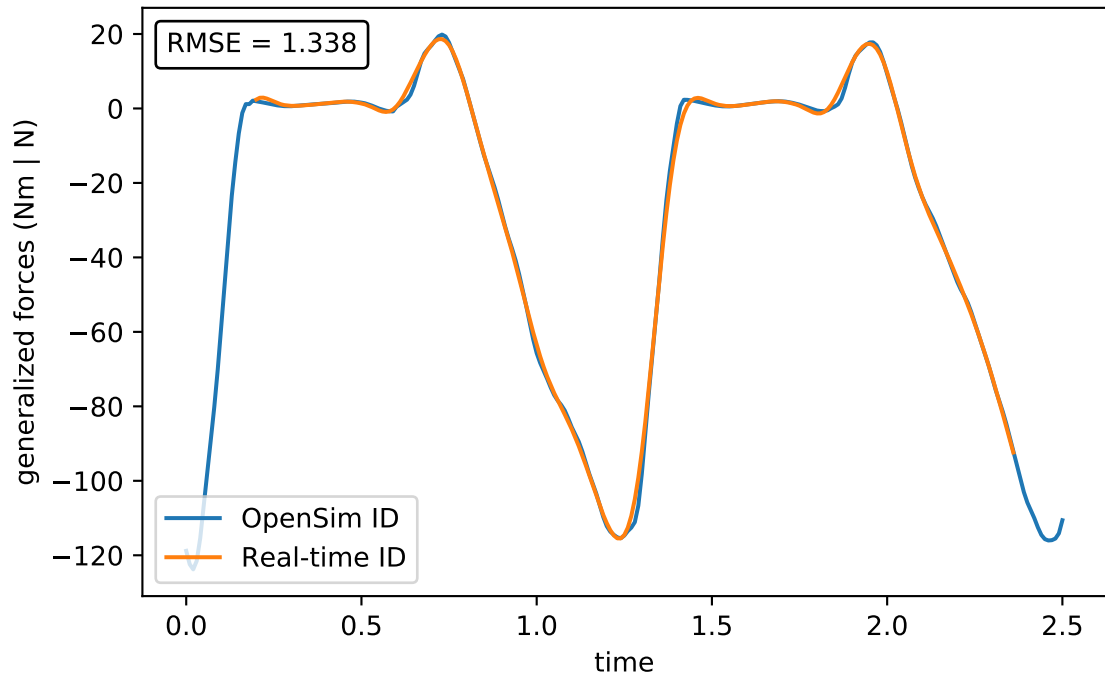




# knee\_angle\_l



ankle\_angle\_r



# ankle\_angle\_l

