

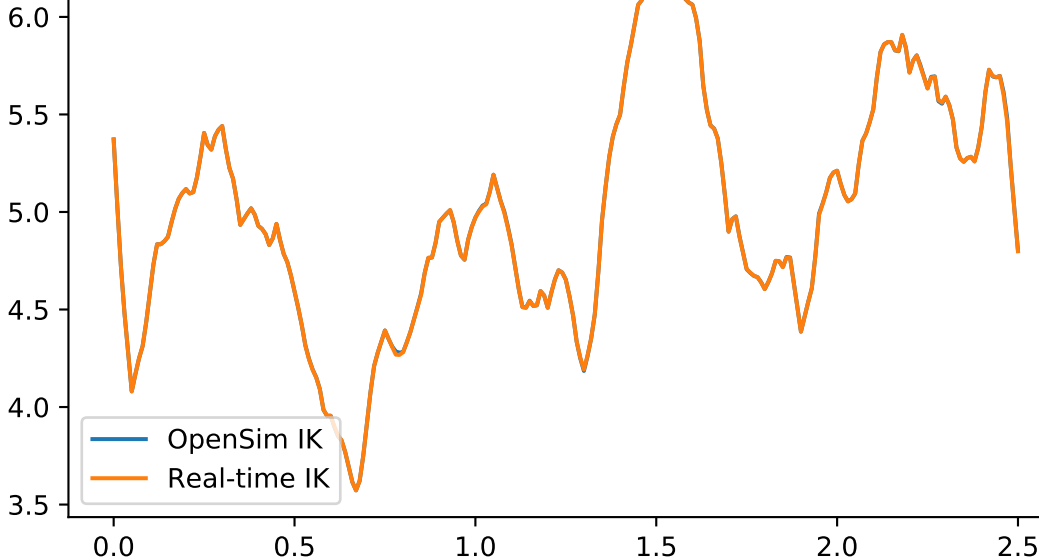
# pelvis\_tilt

RMSE = 0.003

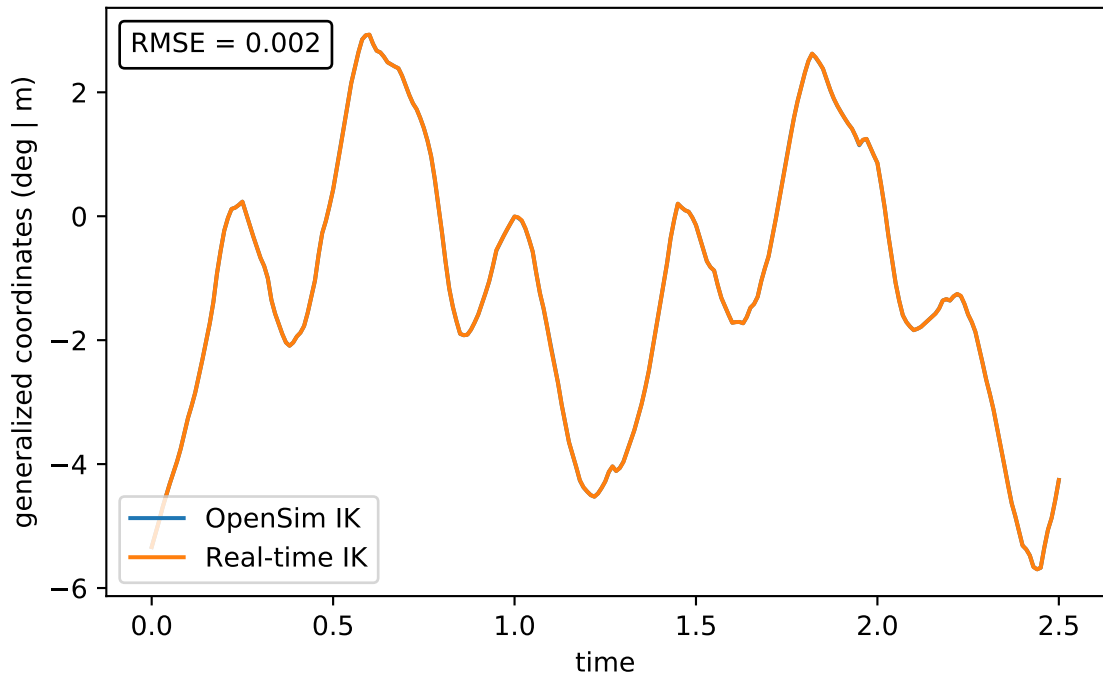
generalized coordinates (deg | m)

OpenSim IK  
Real-time IK

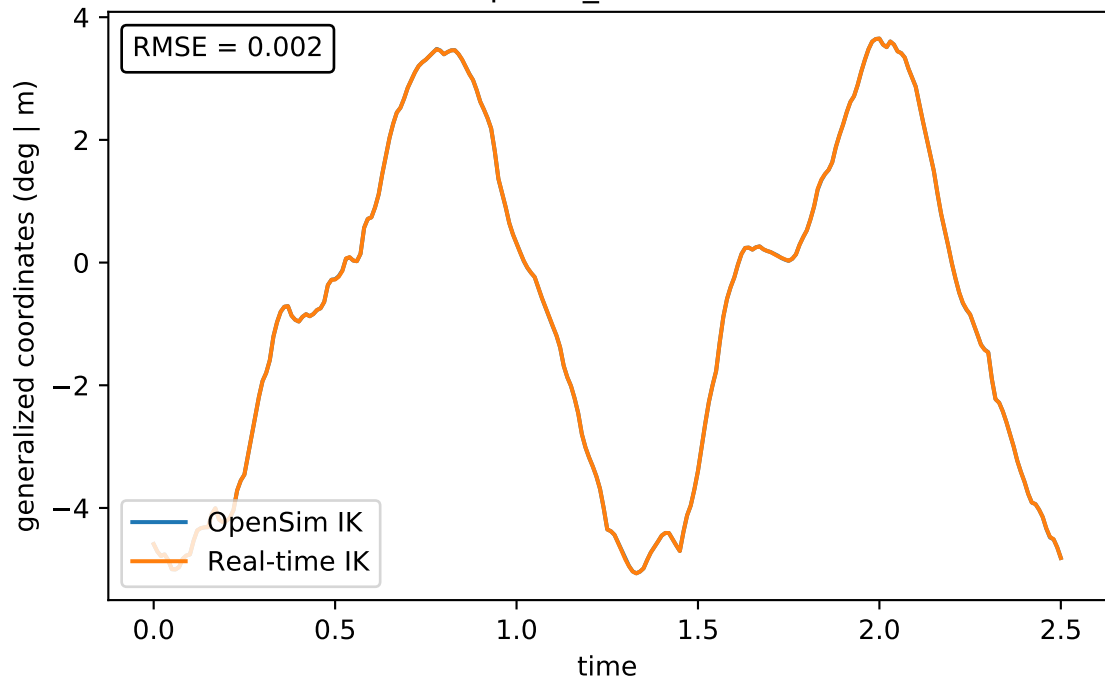
time



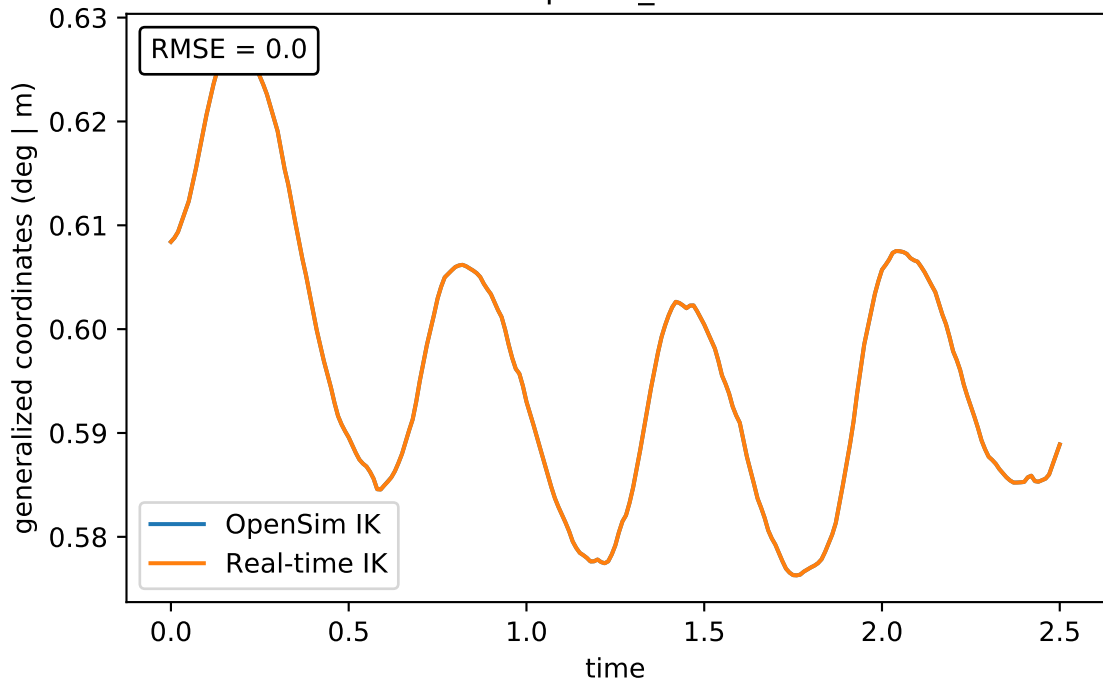
# pelvis\_list



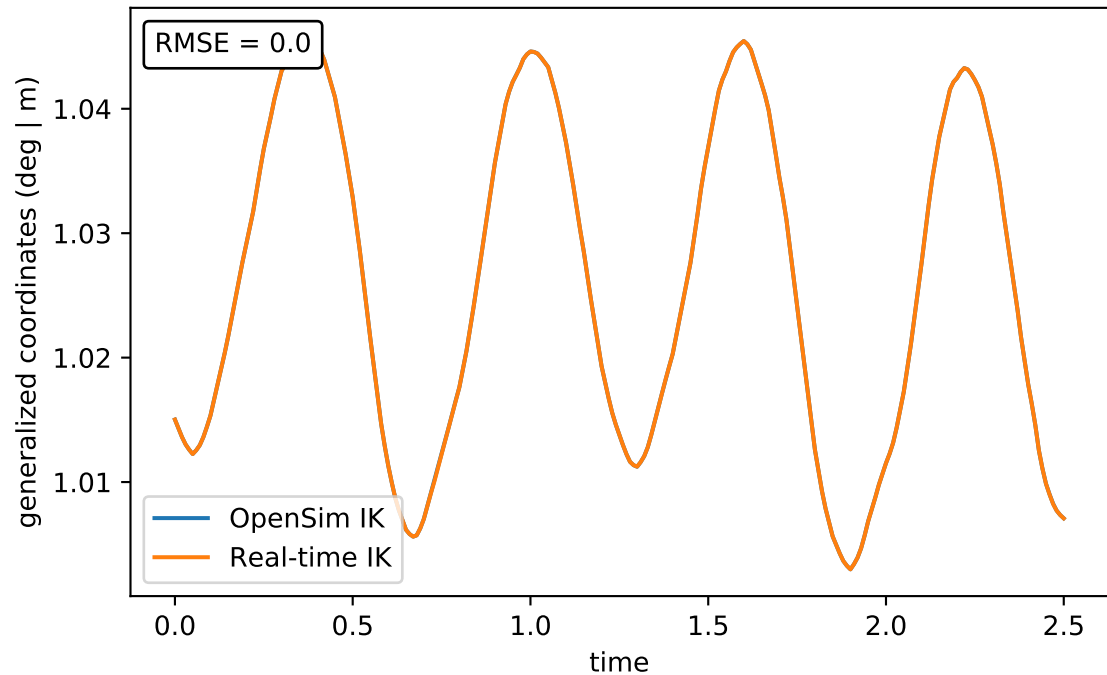
# pelvis\_rotation



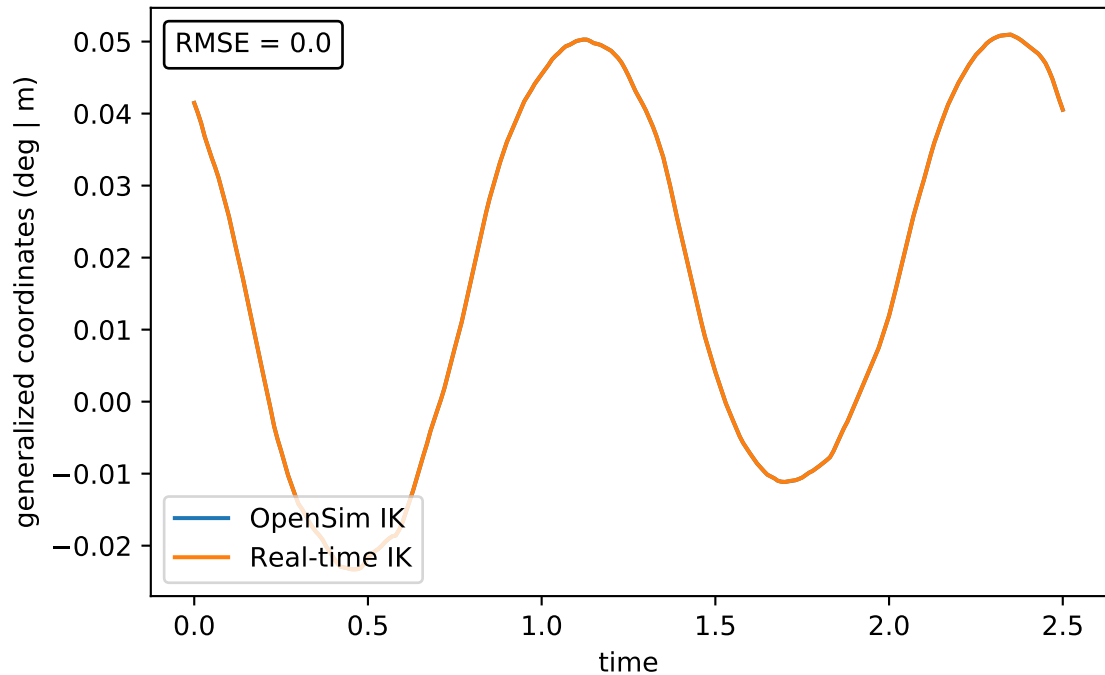
# pelvis\_tx



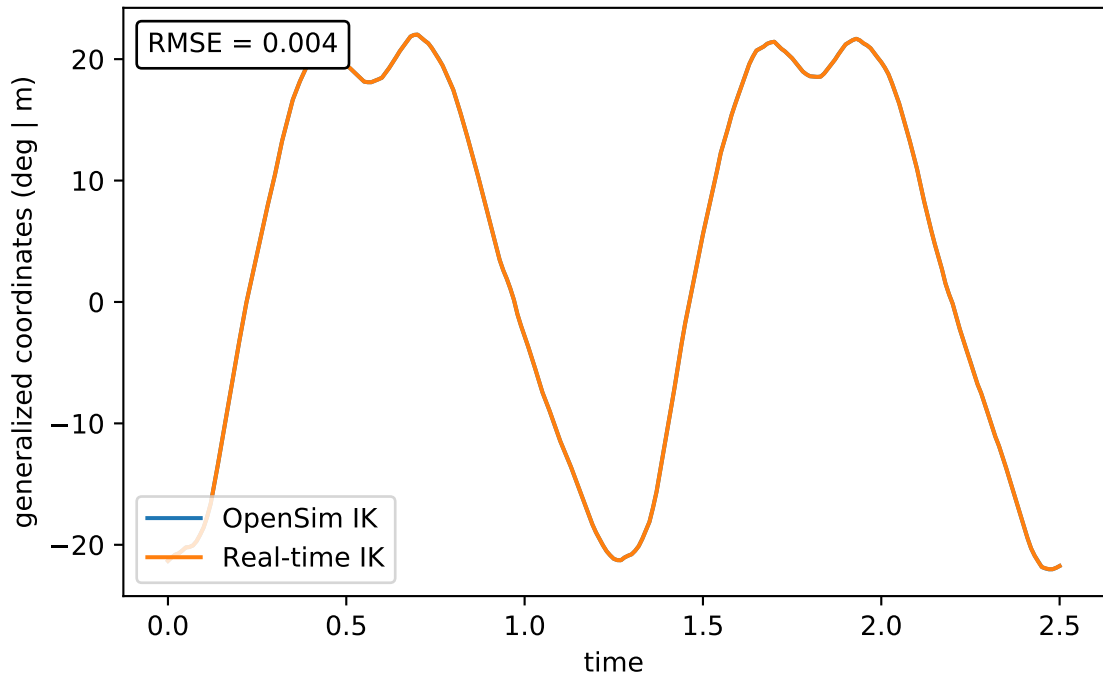
# pelvis\_ty



# pelvis\_tz



# hip\_flexion\_r



# hip\_adduction\_r

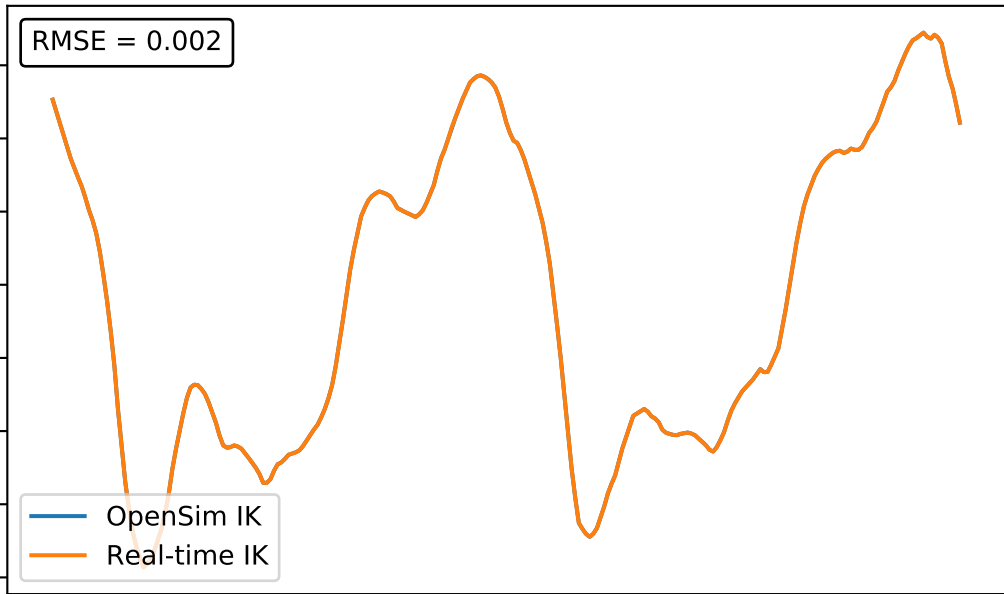
RMSE = 0.002

generalized coordinates (deg | m)

OpenSim IK  
Real-time IK

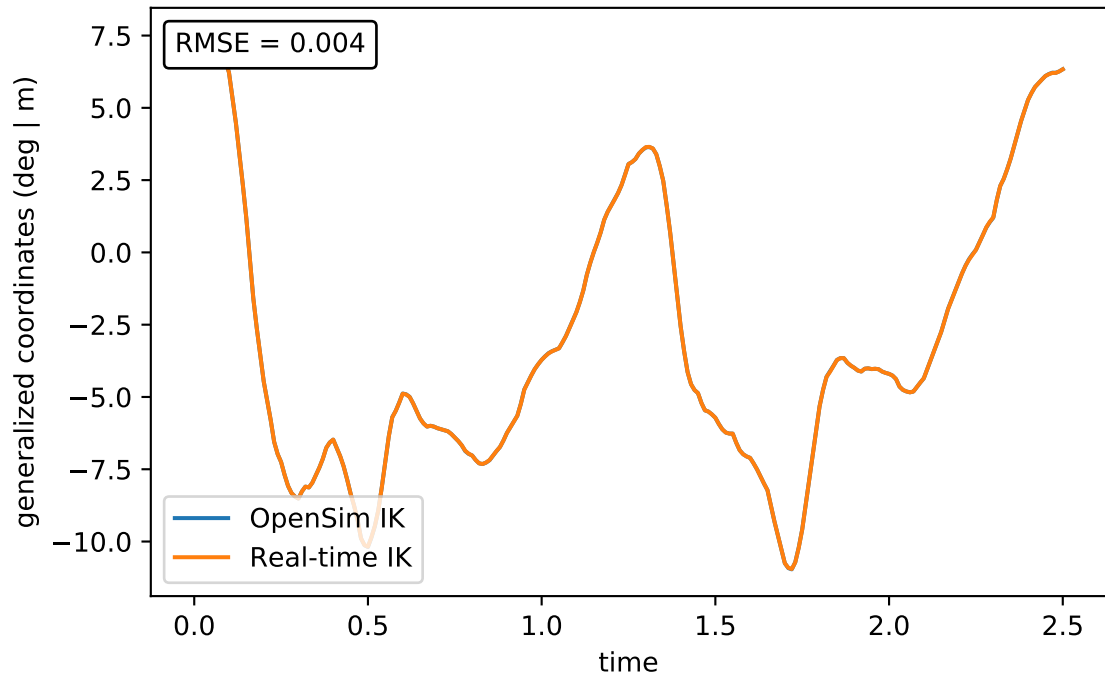
time

0.0 0.5 1.0 1.5 2.0 2.5

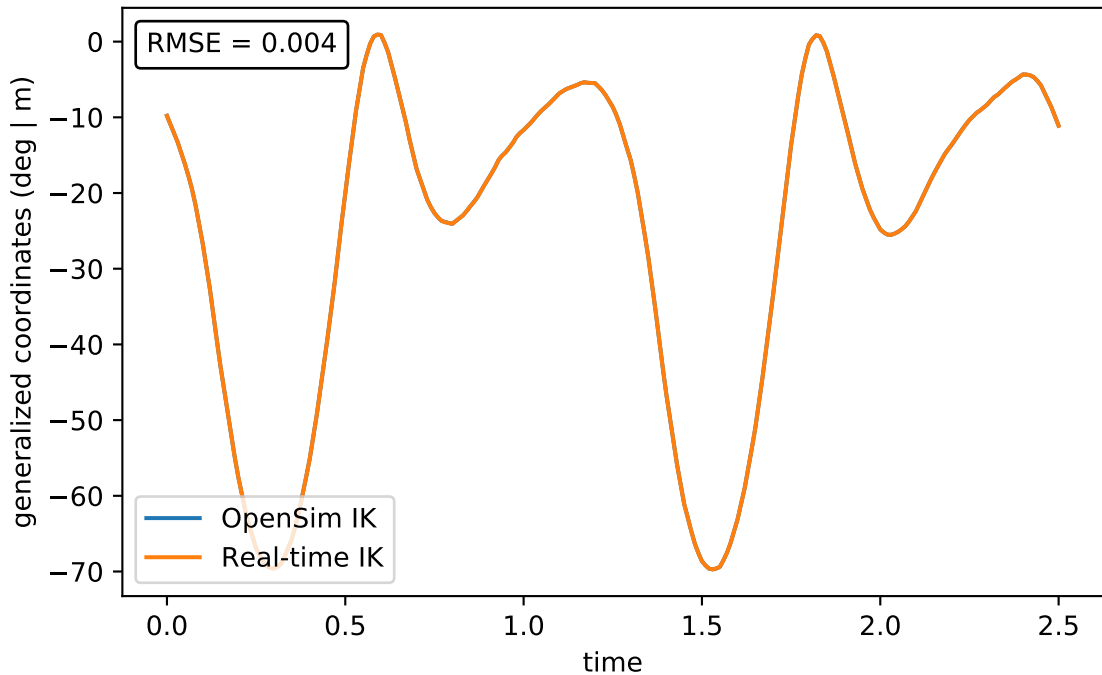




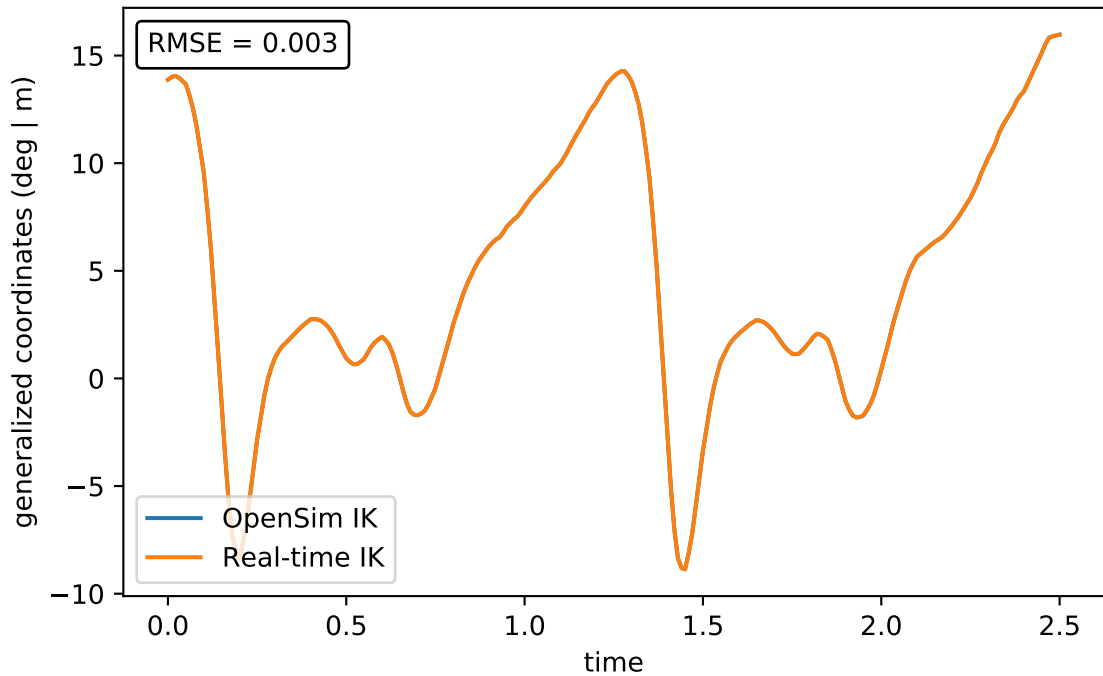
# hip\_rotation\_r



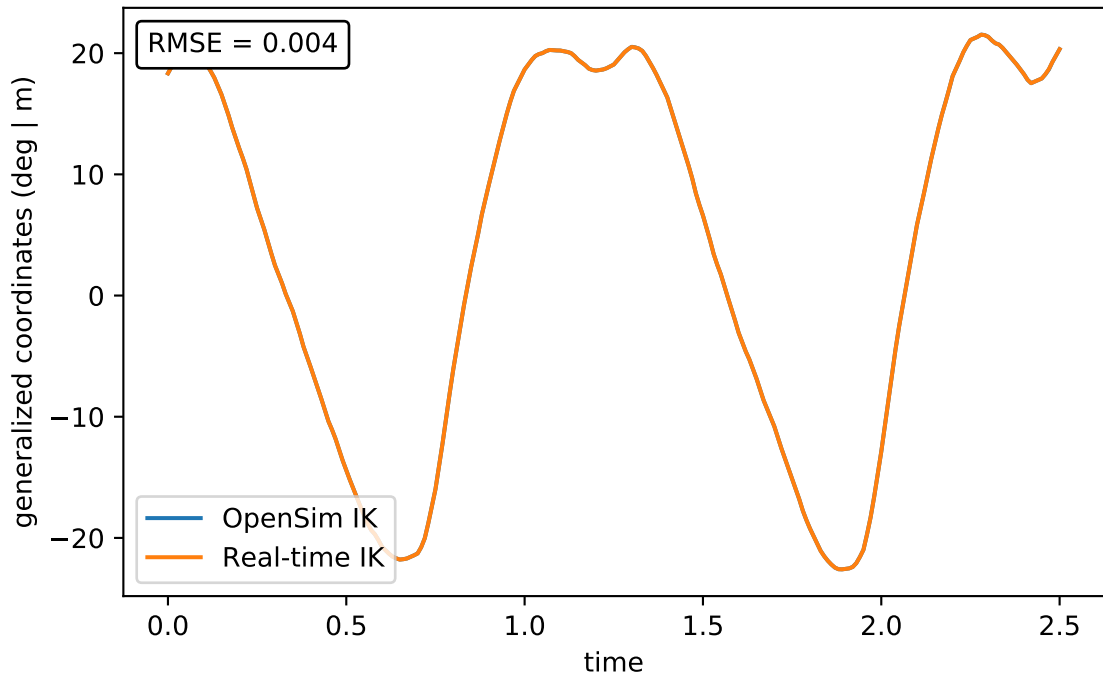
# knee\_angle\_r



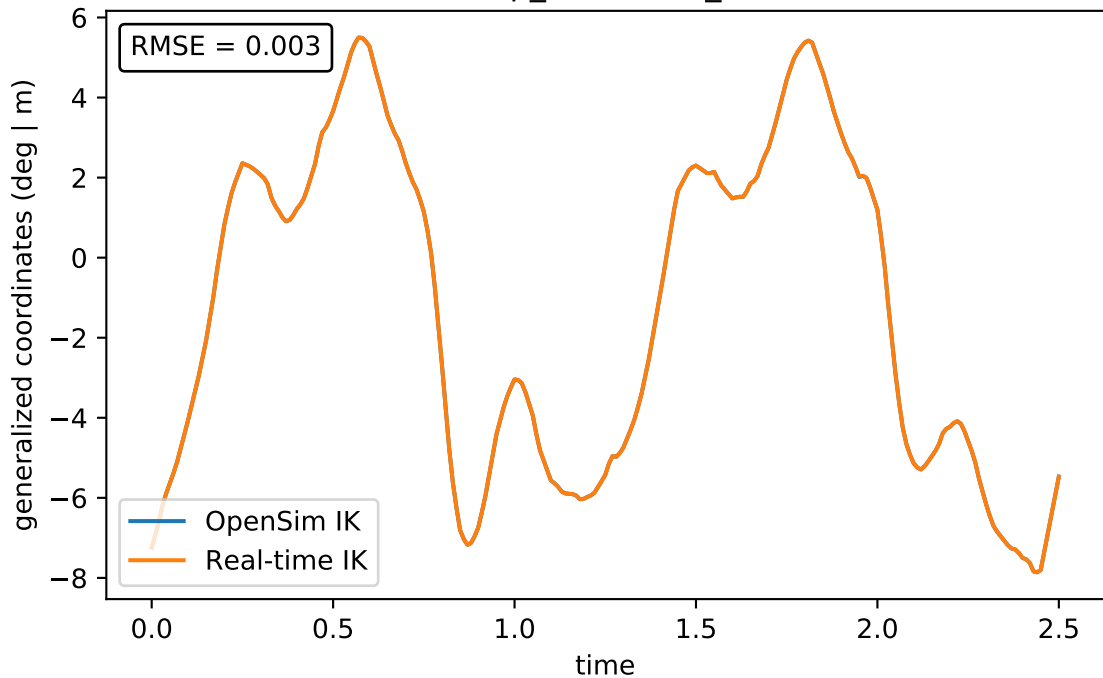
# ankle\_angle\_r



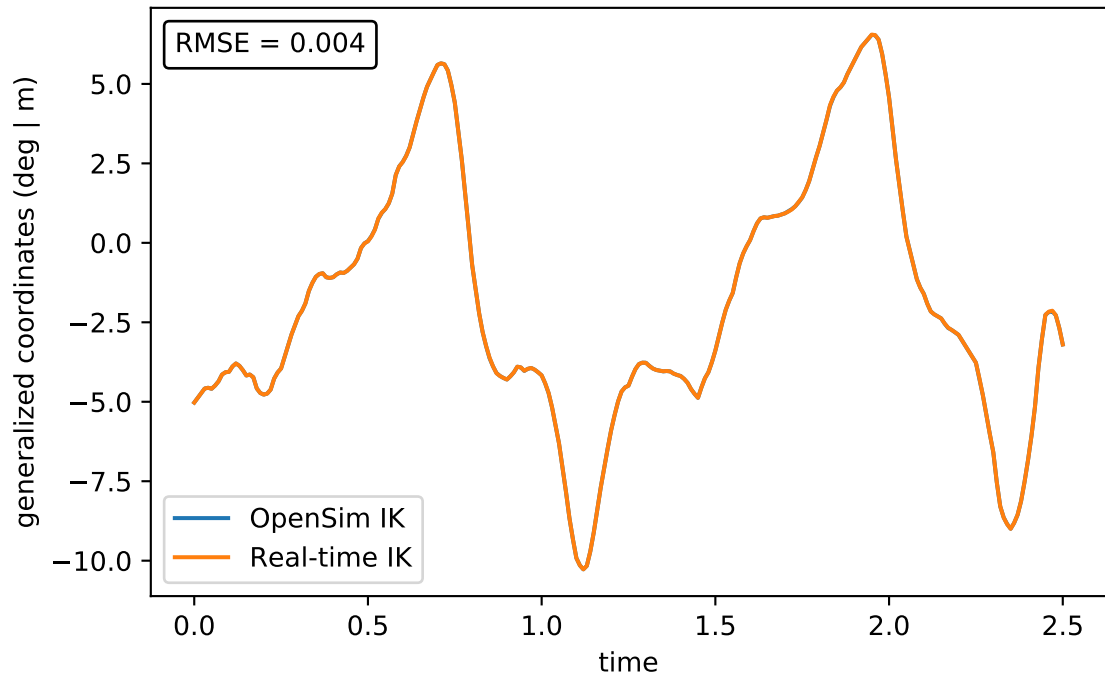
# hip\_flexion\_l



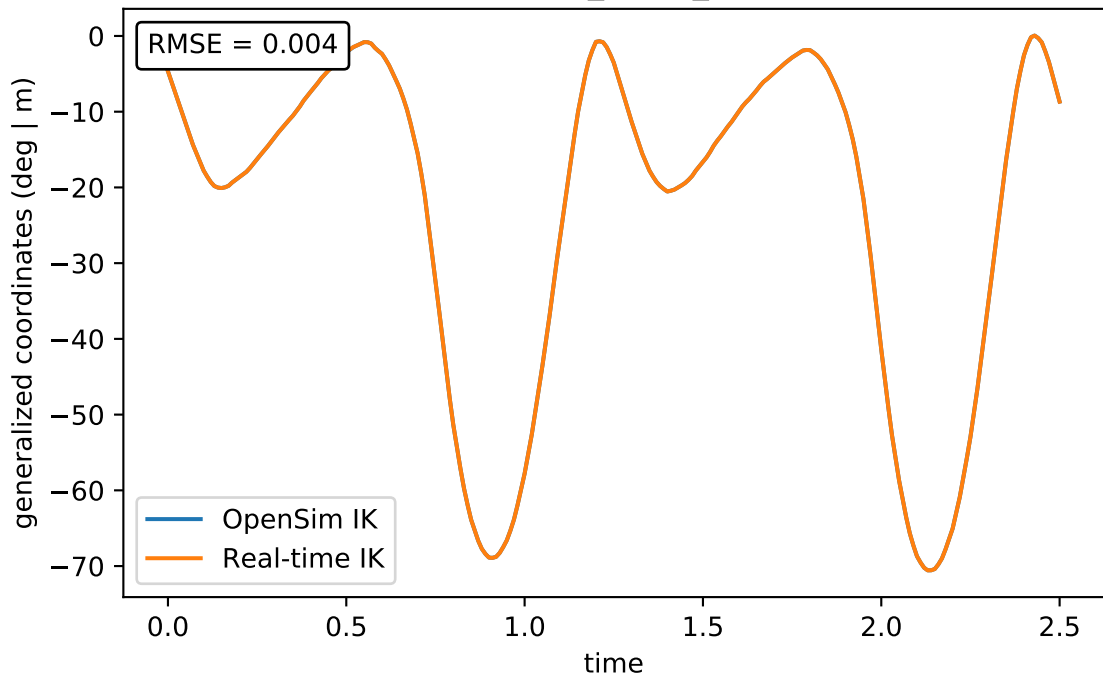
# hip\_adduction\_l



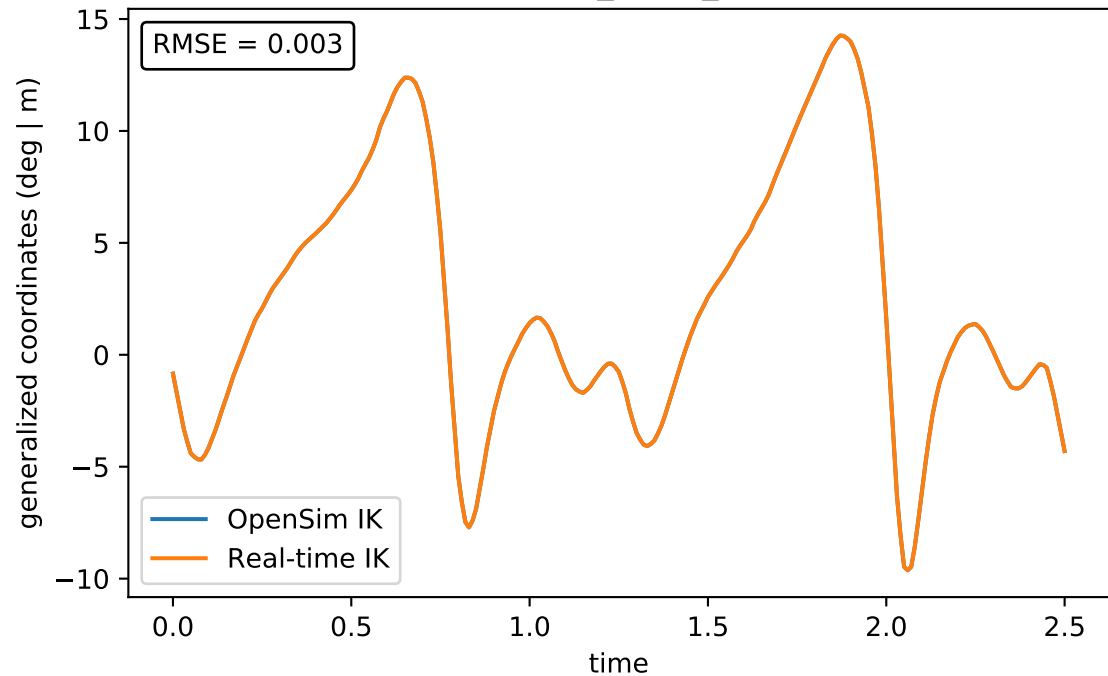
# hip\_rotation\_l



# knee\_angle\_l

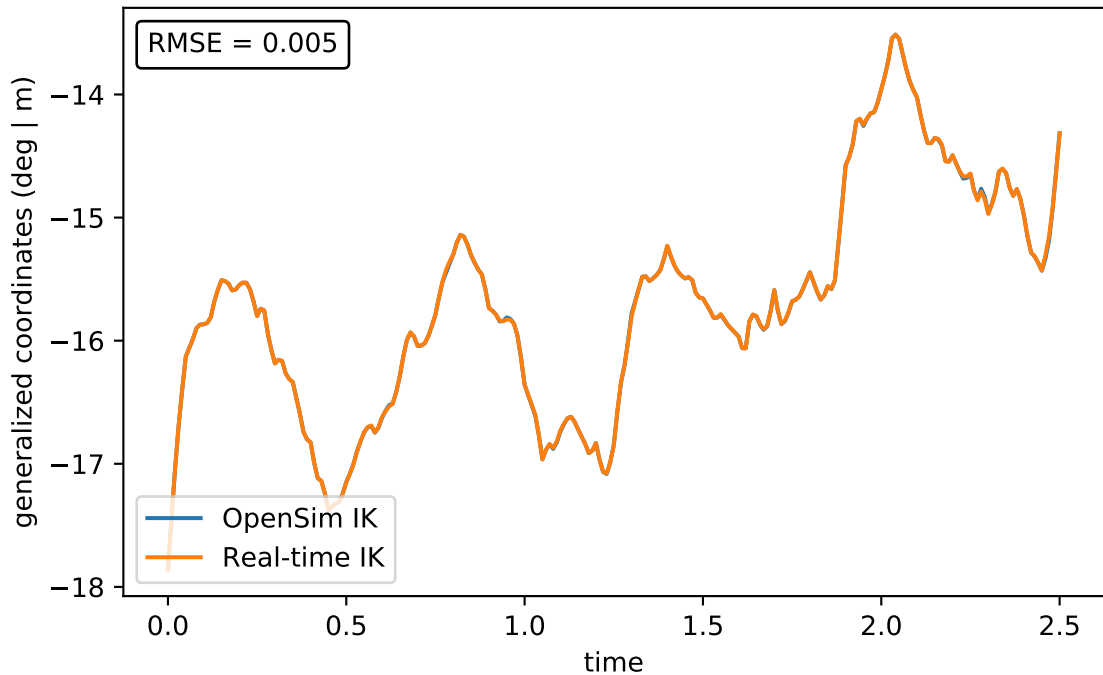


# ankle\_angle\_l

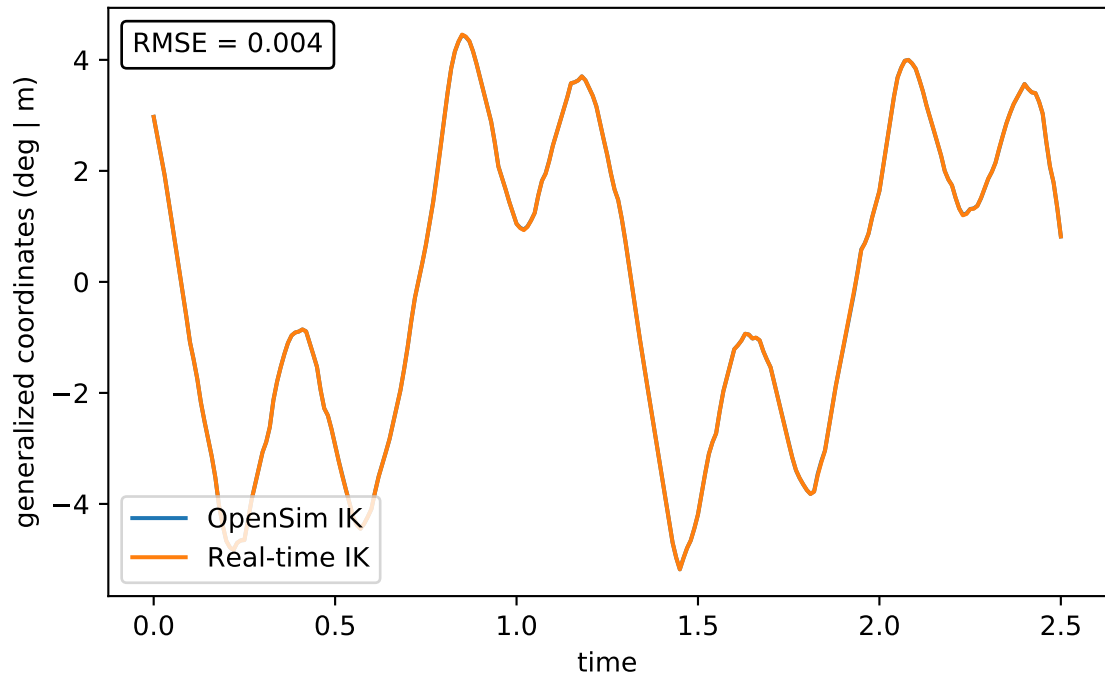




# lumbar\_extension



# lumbar\_bending



# lumbar\_rotation

