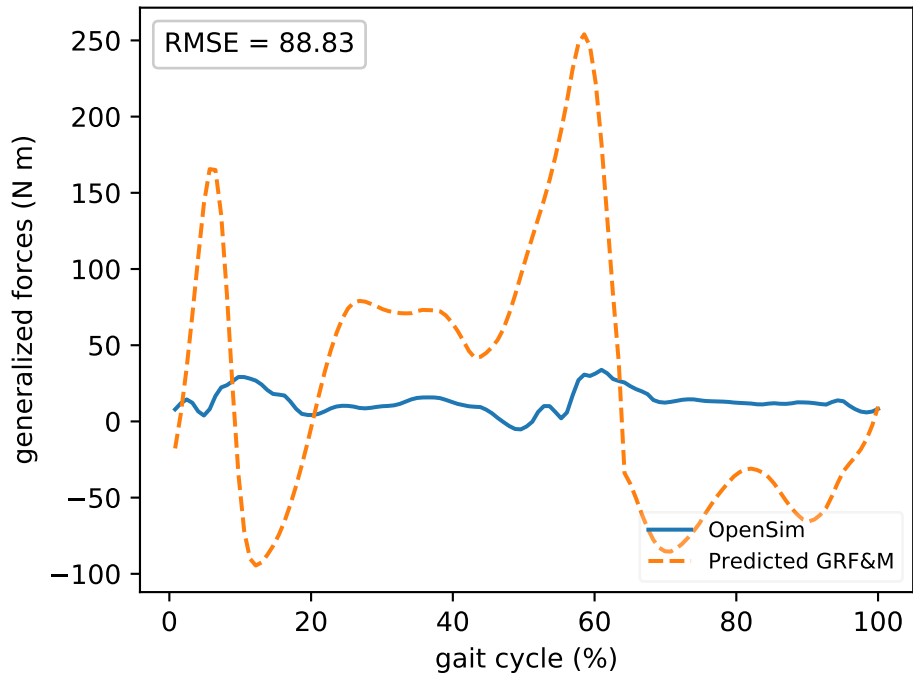
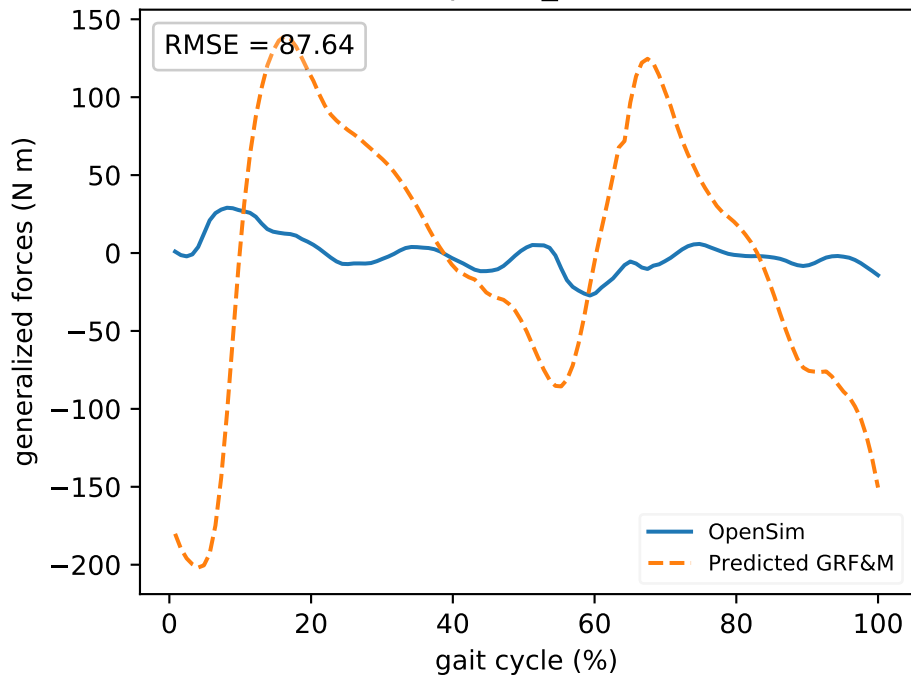


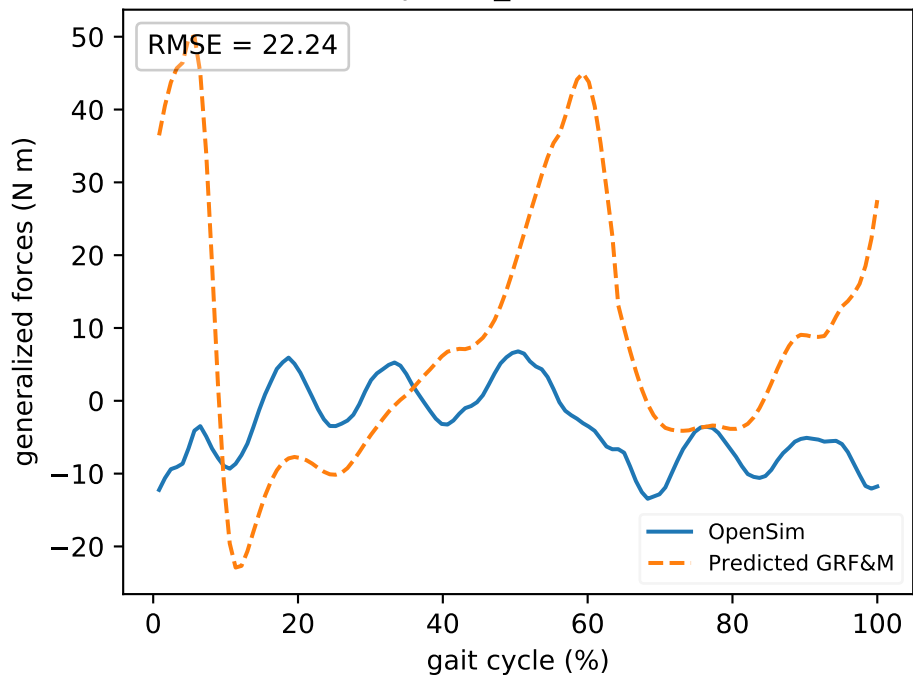
pelvis_tilt



pelvis_list



pelvis_rotation



pelvis_tx

RMSE = 70.63

generalized forces (N)

100
50
0
-50
-100
-150

0

20

40

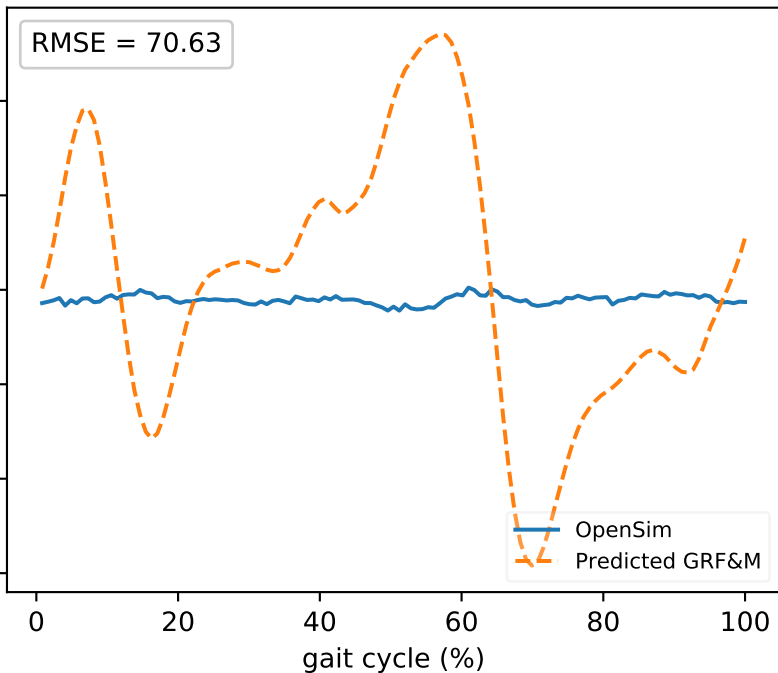
60

80

100

gait cycle (%)

OpenSim
Predicted GRF&M



pelvis_ty

RMSE = 13.16

generalized forces (N)

20
10
0
-10
-20

0

20

40

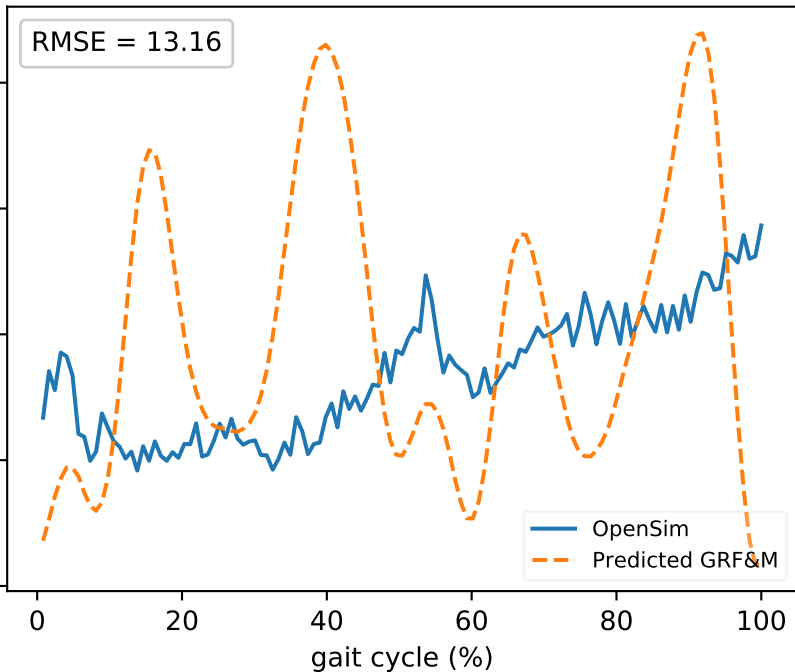
60

80

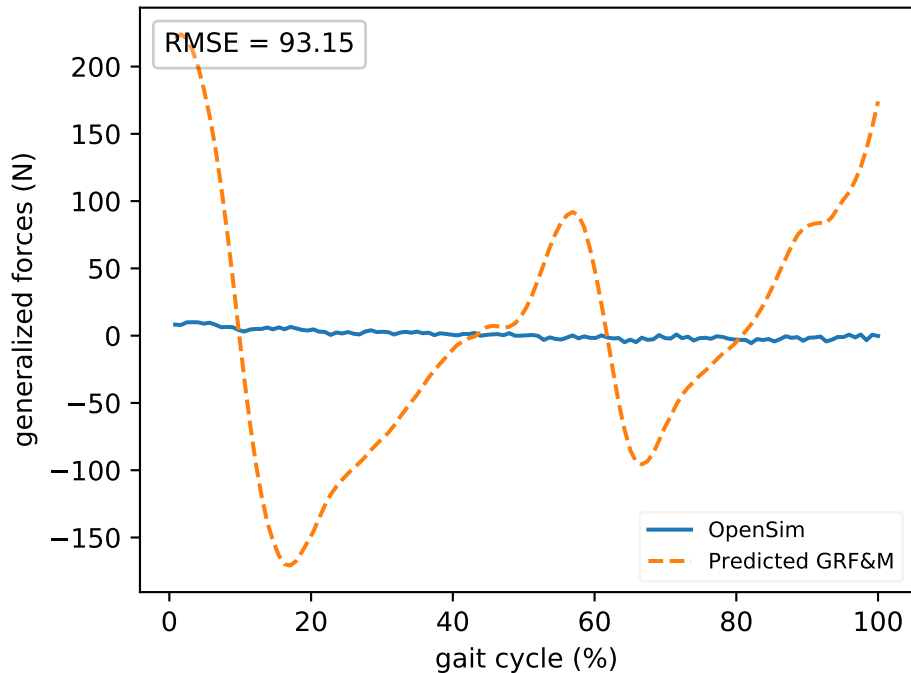
100

gait cycle (%)

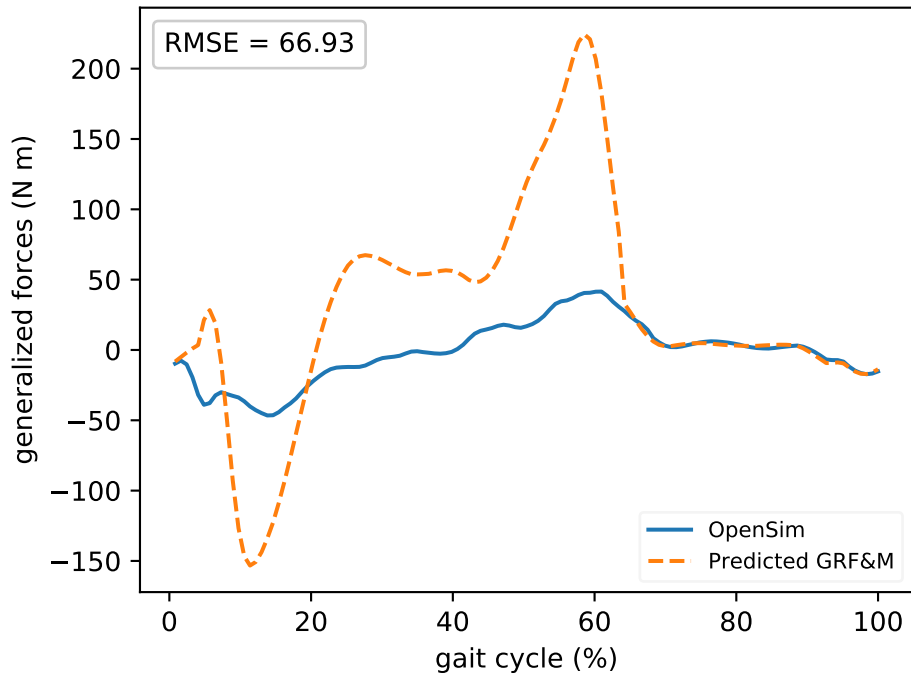
OpenSim
Predicted GRF&M



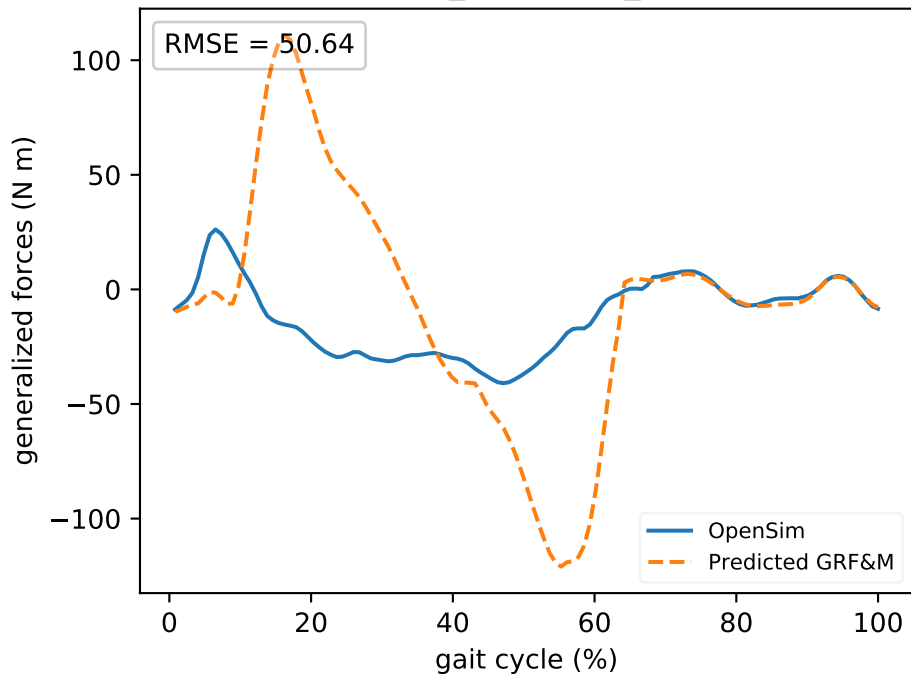
pelvis_tz



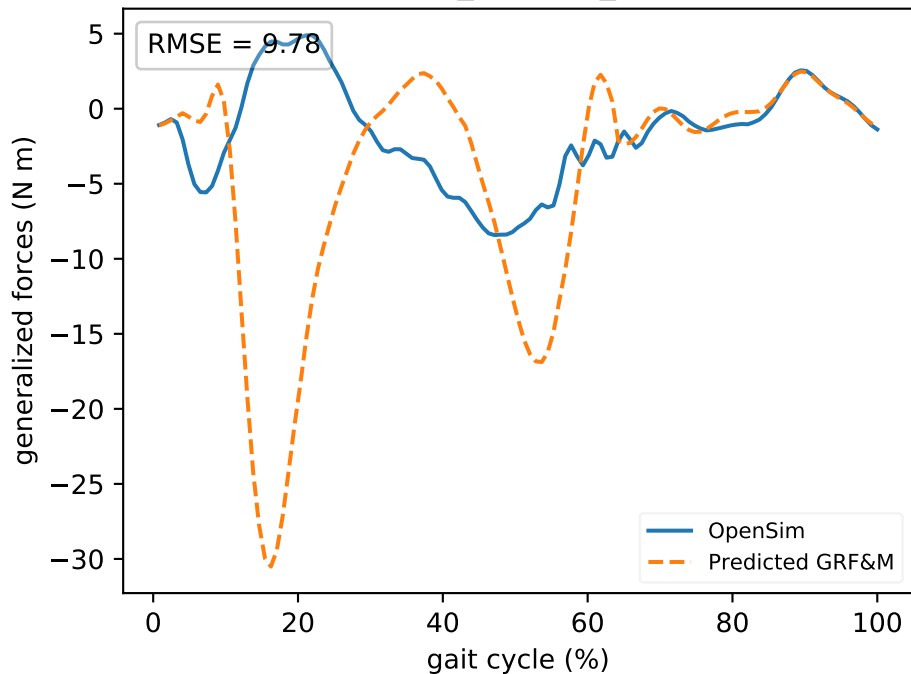
hip_flexion_r



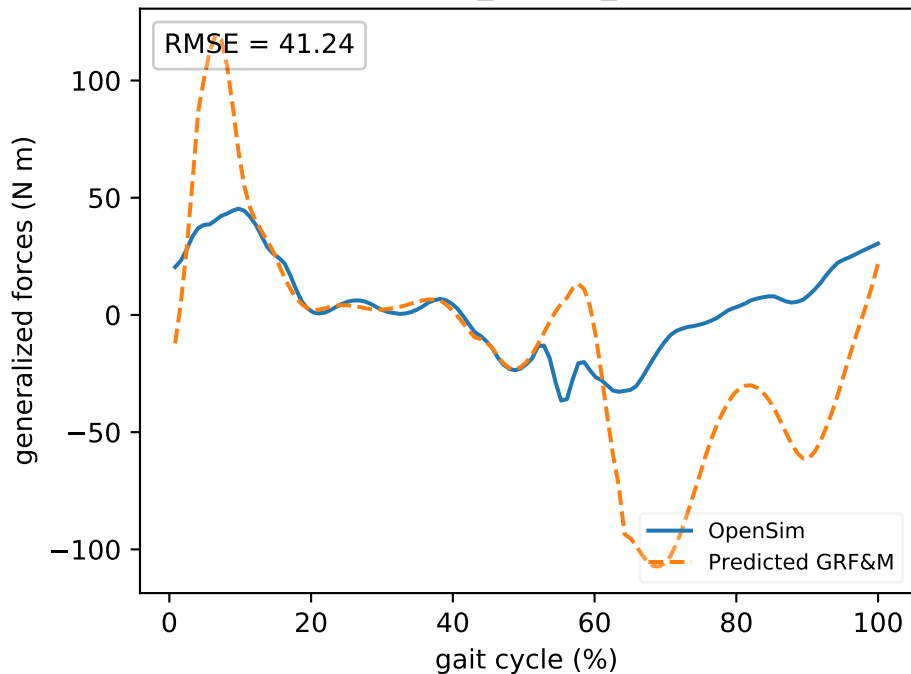
hip_adduction_r



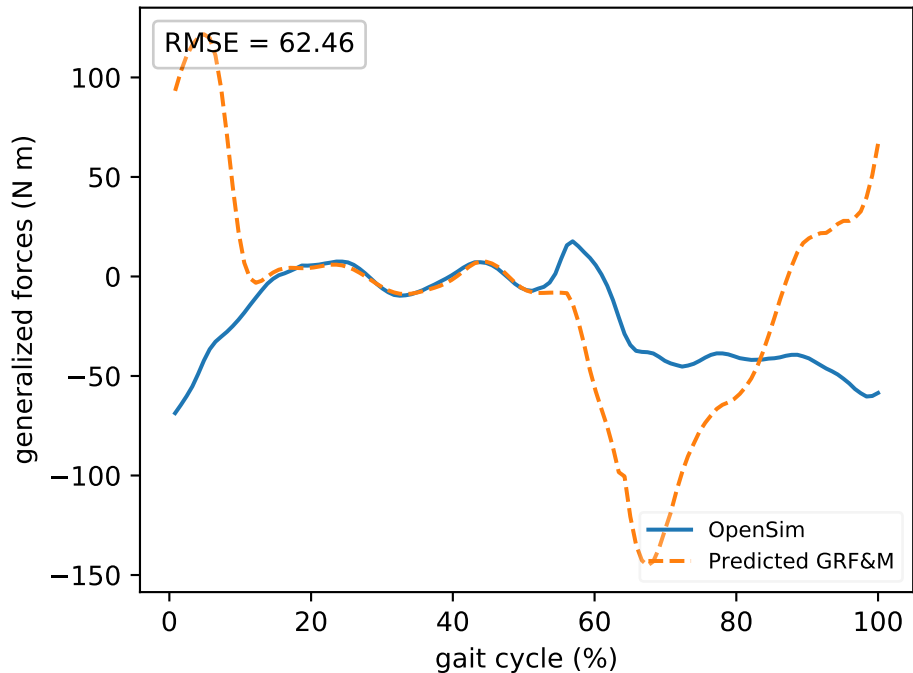
hip_rotation_r



hip_flexion_l



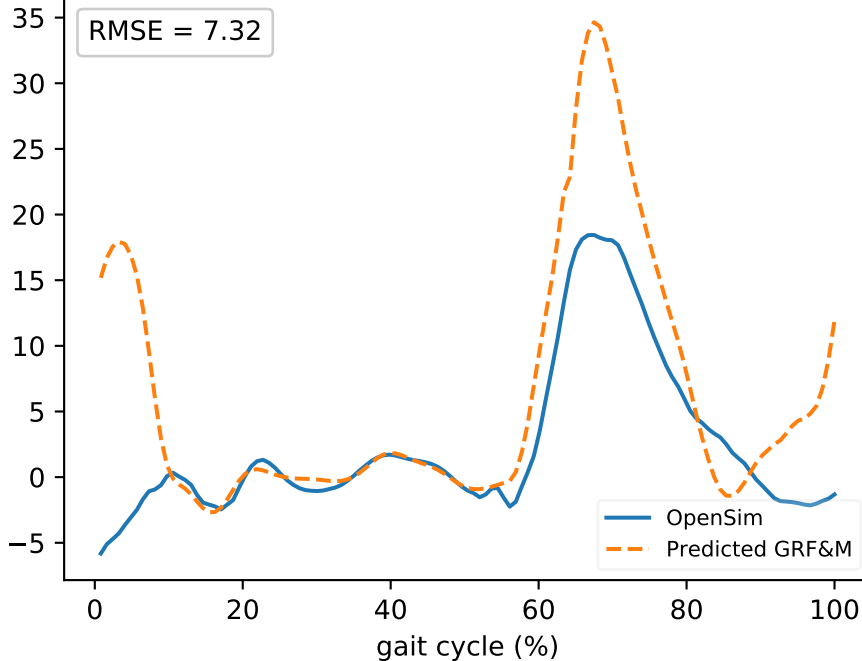
hip_adduction_I



hip_rotation_l

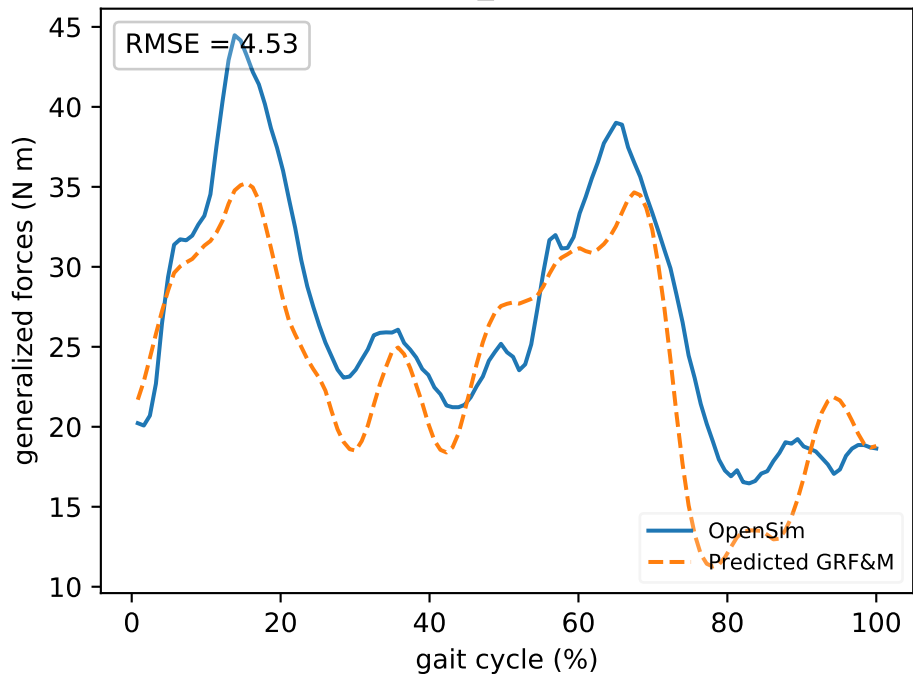
RMSE = 7.32

generalized forces (N m)

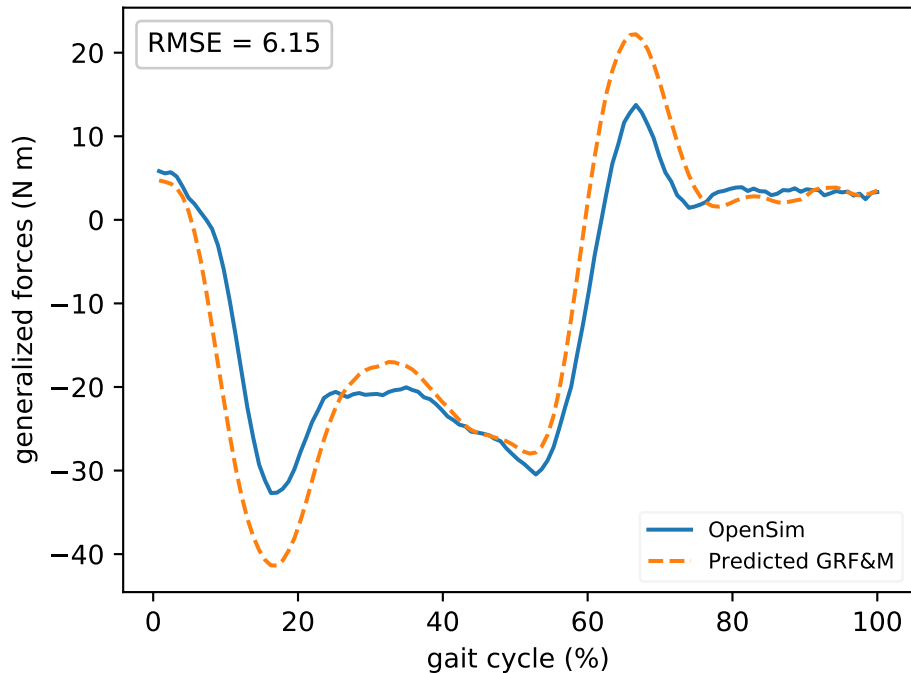


OpenSim
Predicted GRF&M

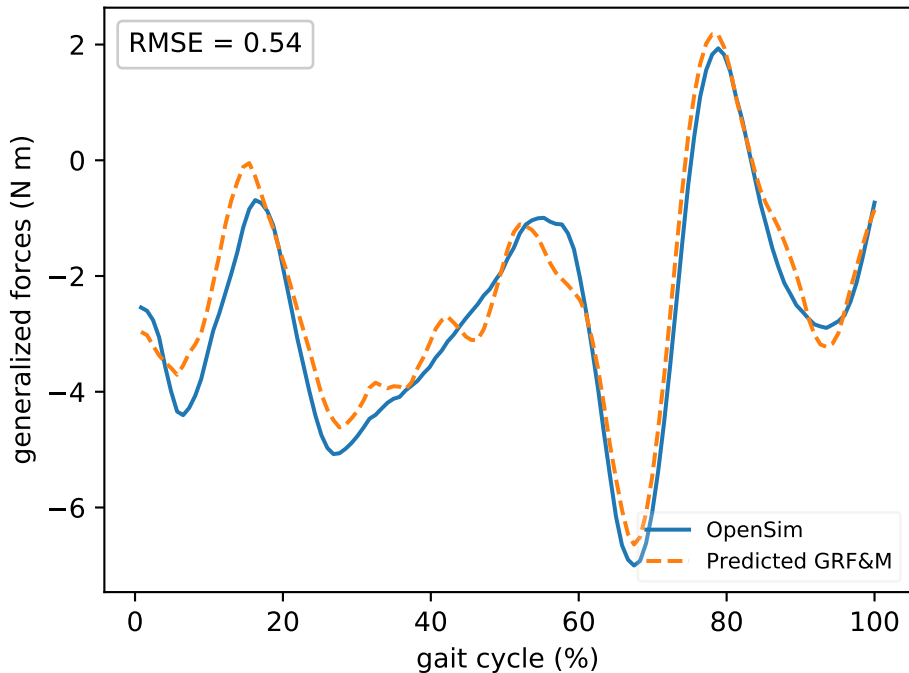
lumbar_extension



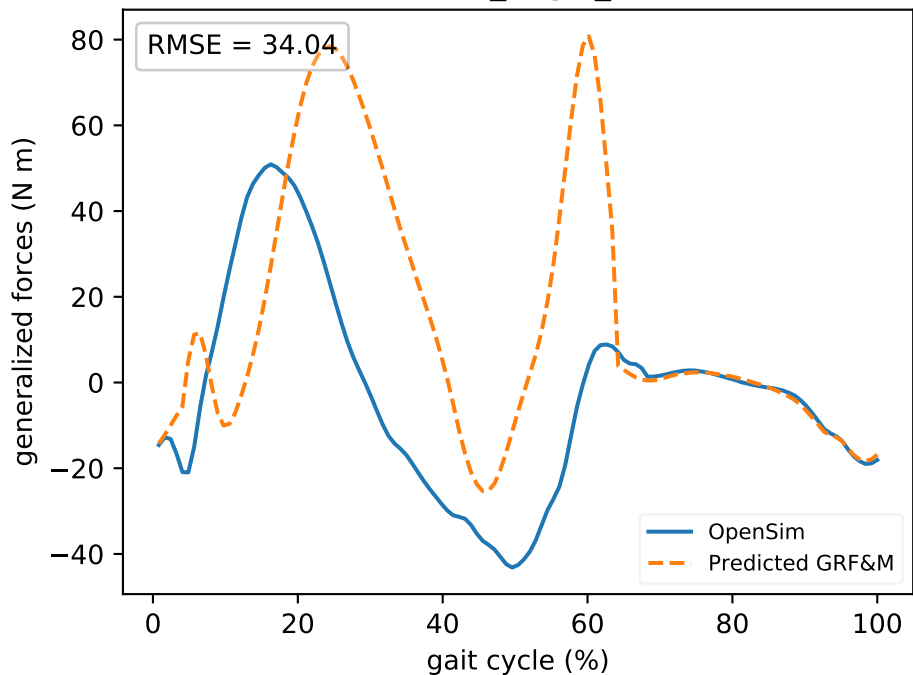
lumbar_bending



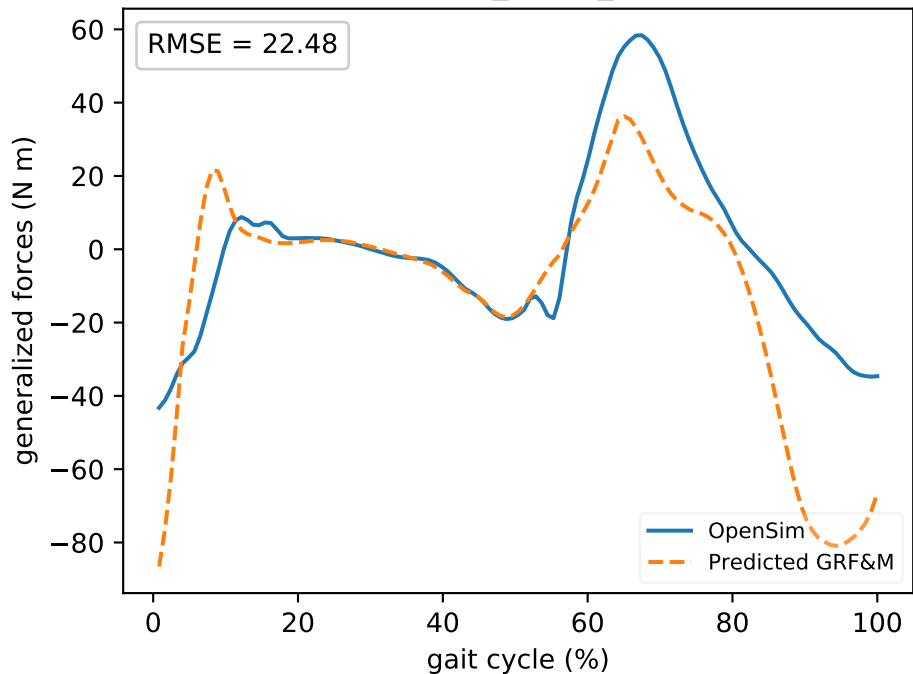
lumbar_rotation



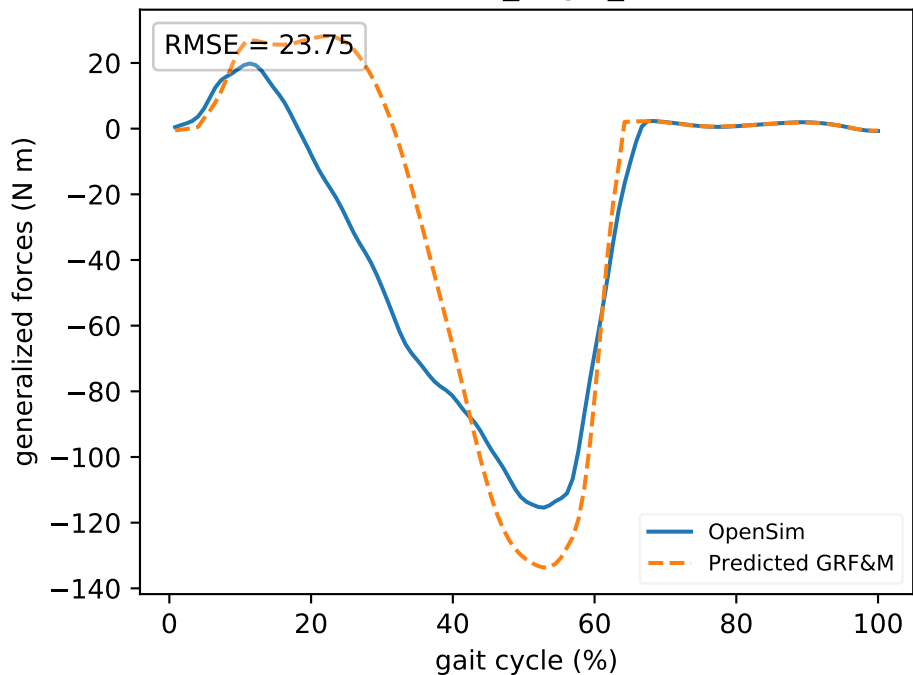
knee_angle_r



knee_angle_l



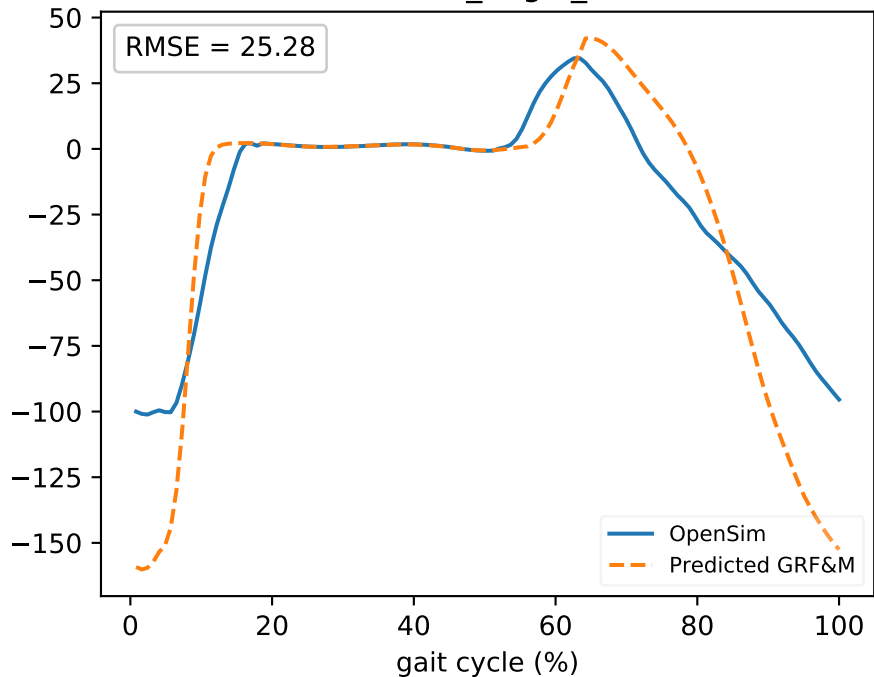
ankle_angle_r



ankle_angle_l

RMSE = 25.28

generalized forces (N m)



OpenSim
Predicted GRF&M