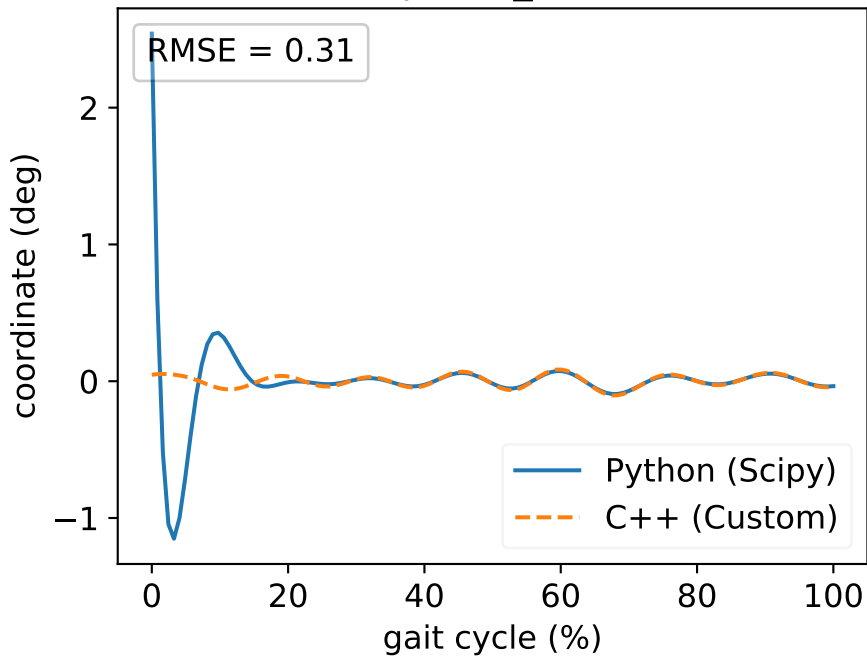
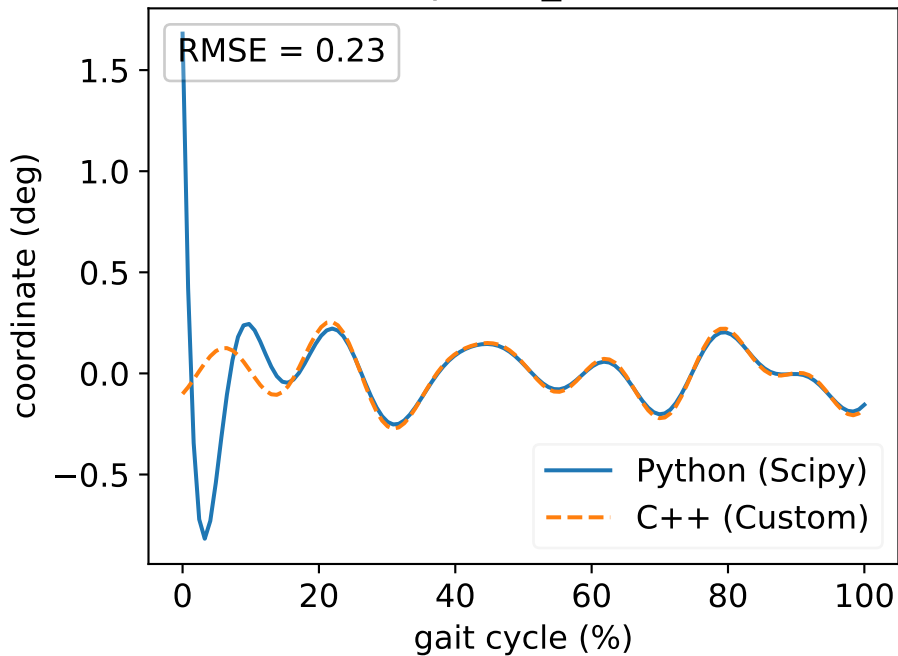


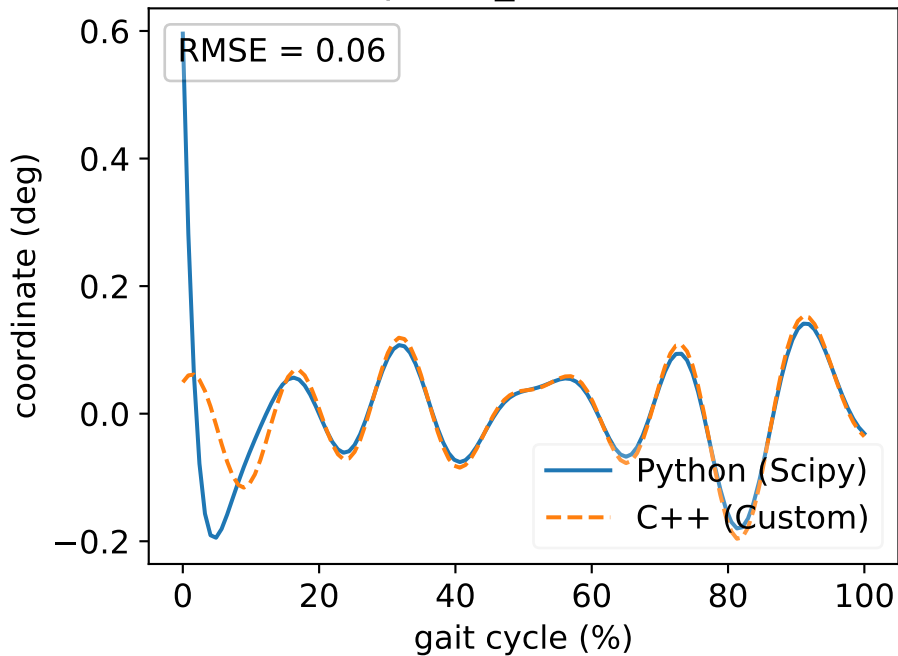
pelvis_tilt



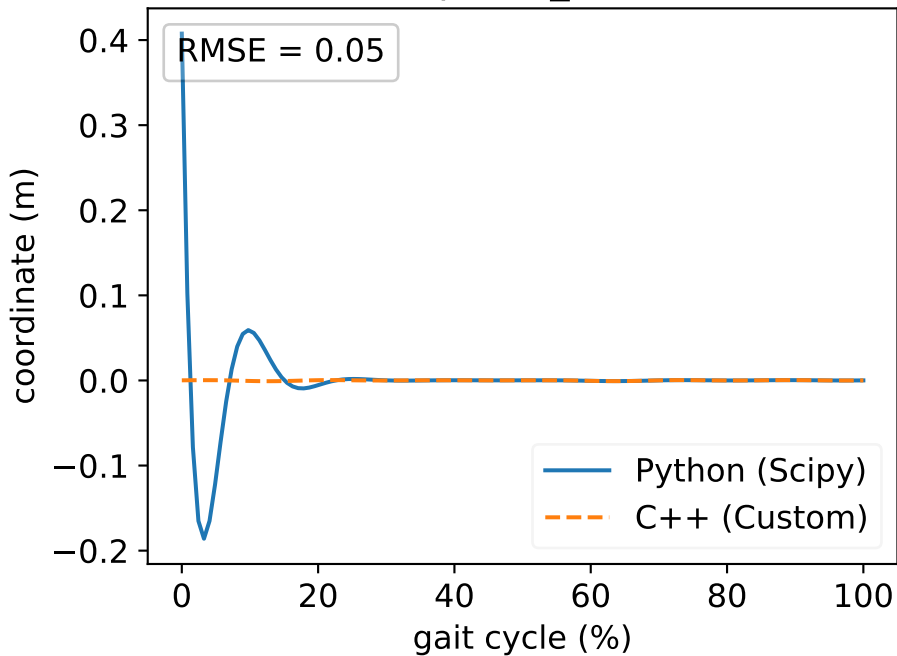
pelvis_list



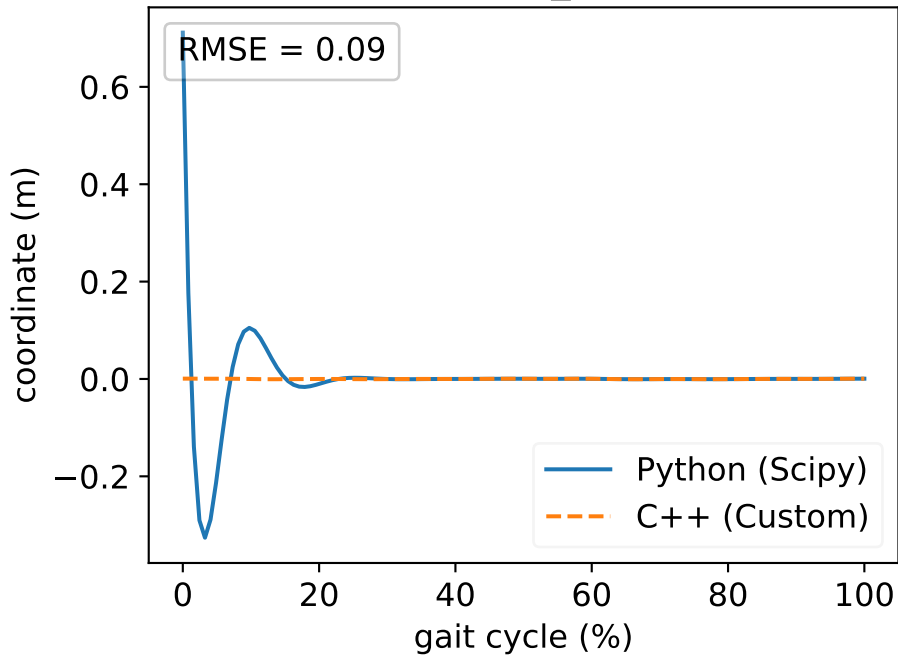
pelvis_rotation



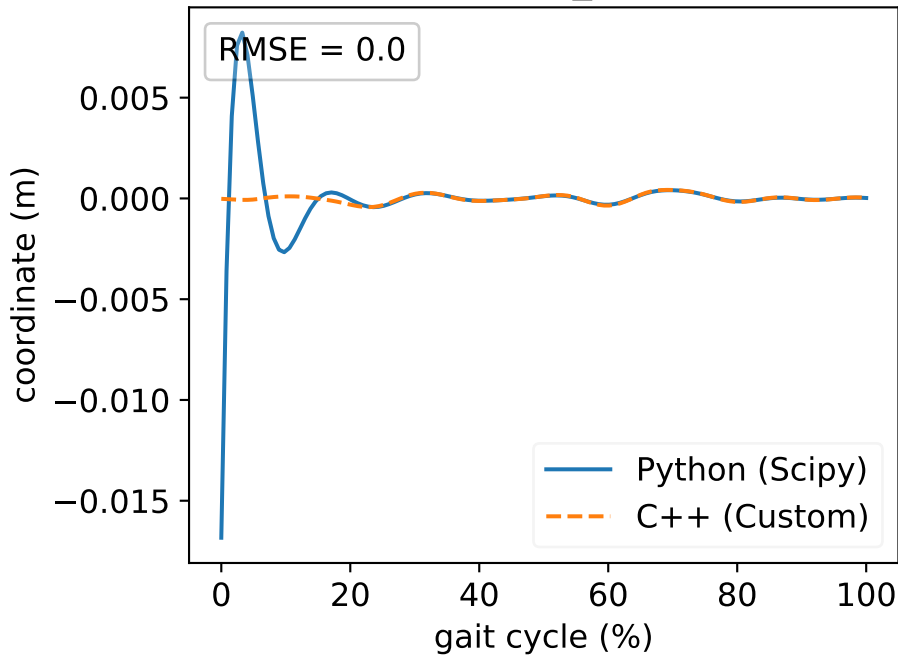
pelvis_tx



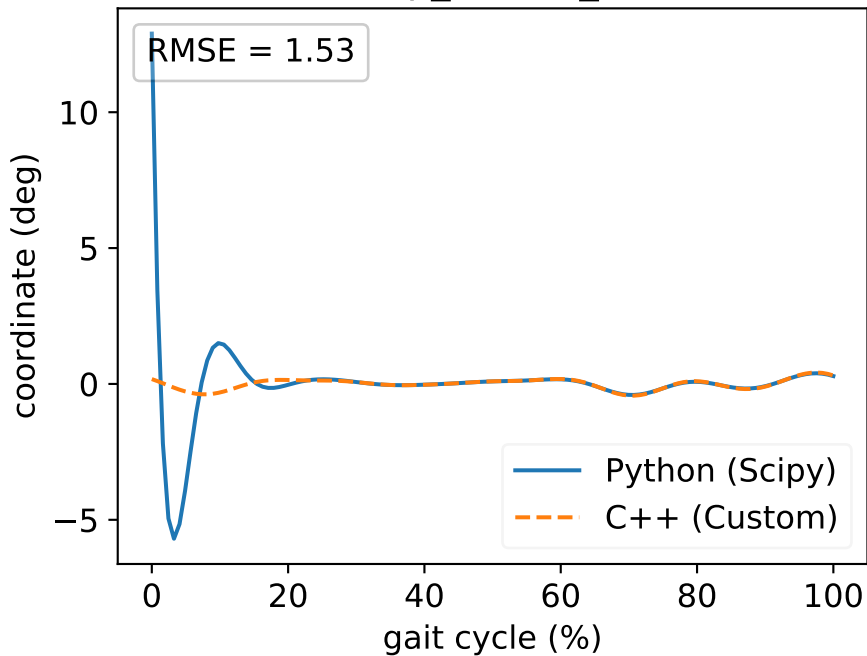
pelvis_ty



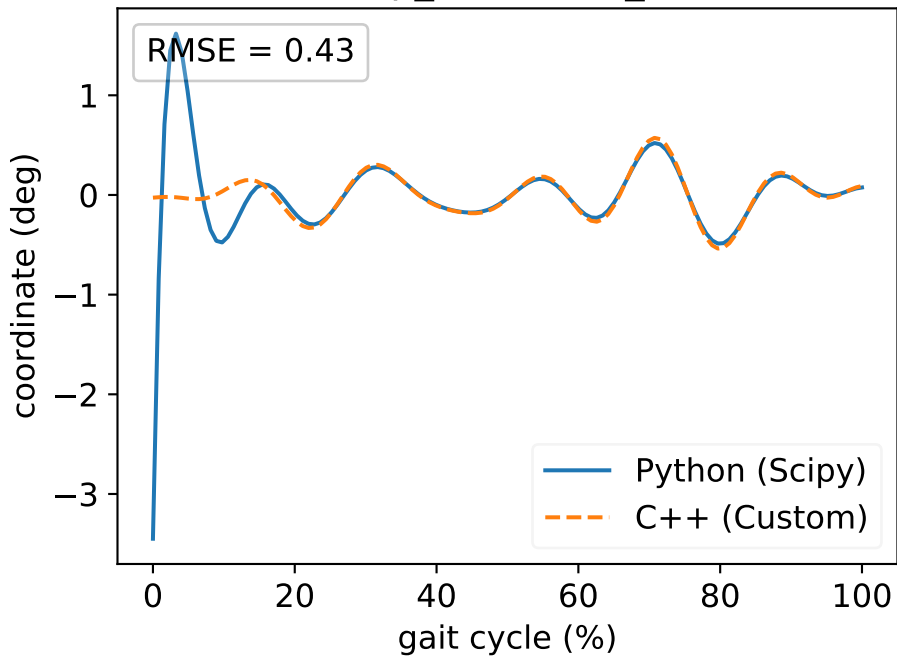
pelvis_tz



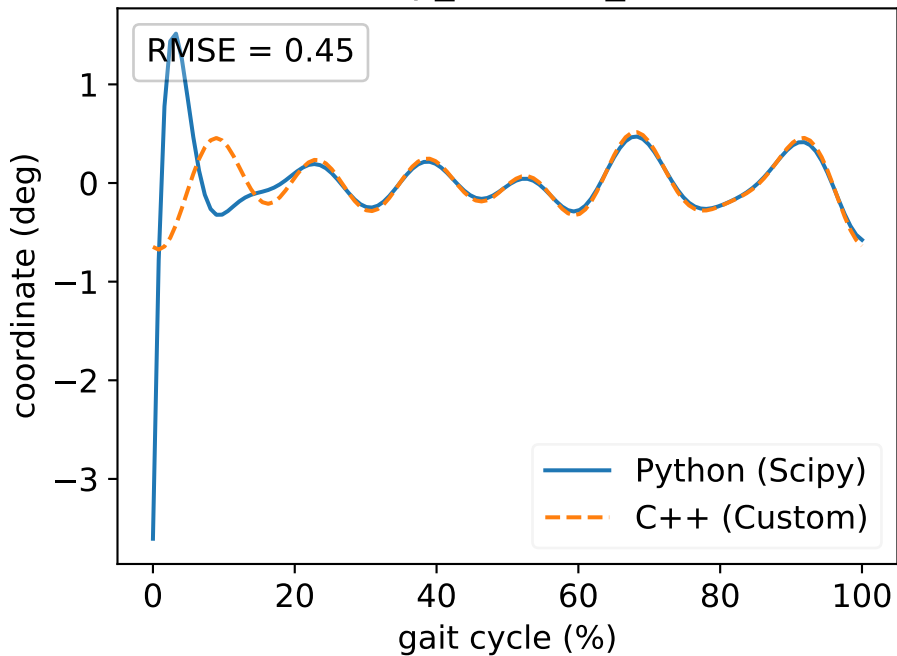
hip_flexion_r



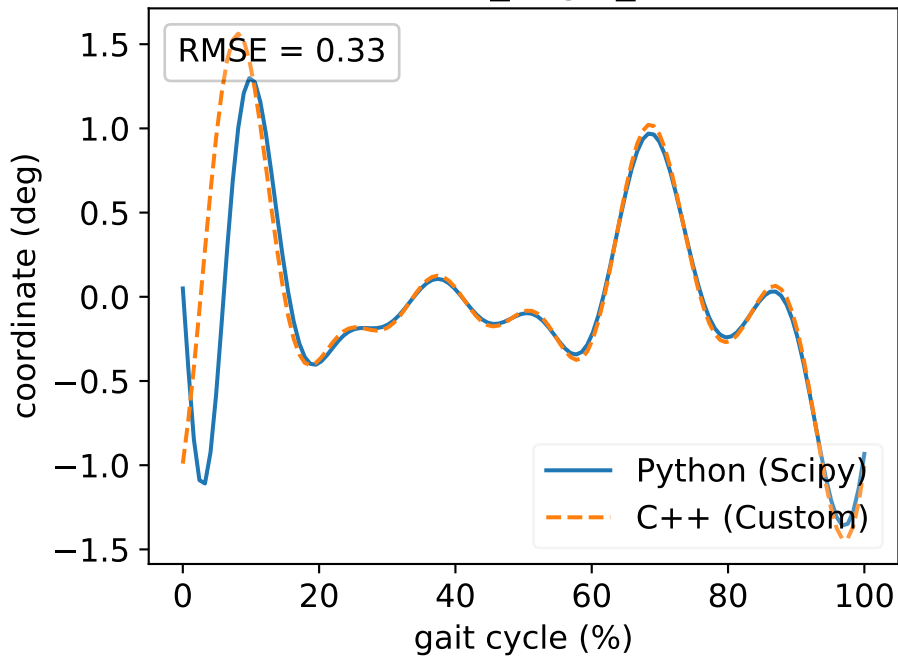
hip_adduction_r



hip_rotation_r



knee_angle_r



ankle_angle_r

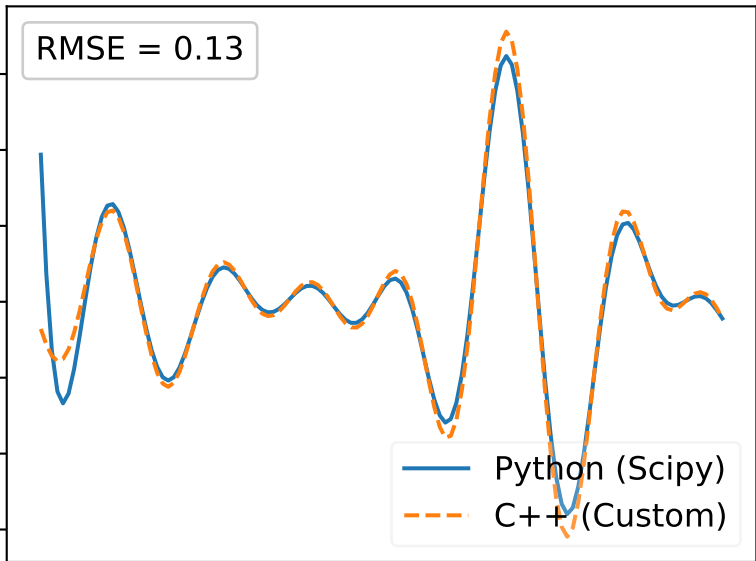
RMSE = 0.13

coordinate (deg)

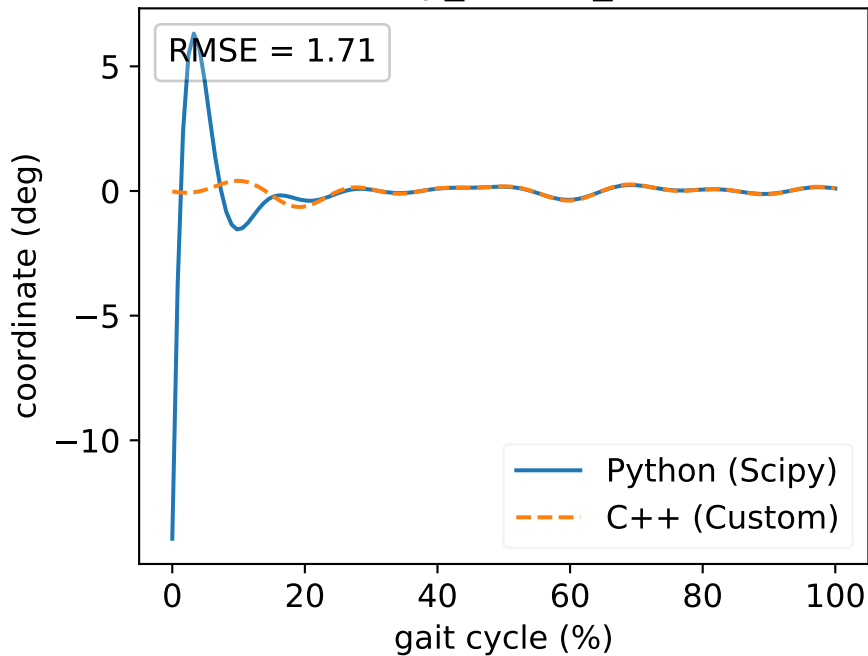
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5

Python (Scipy)
C++ (Custom)

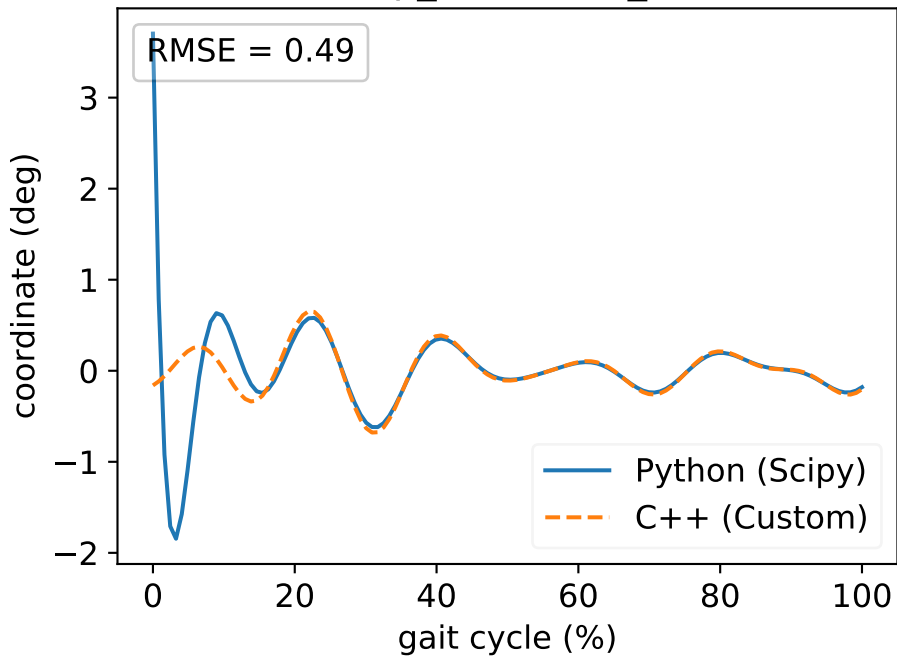
0 20 40 60 80 100
gait cycle (%)



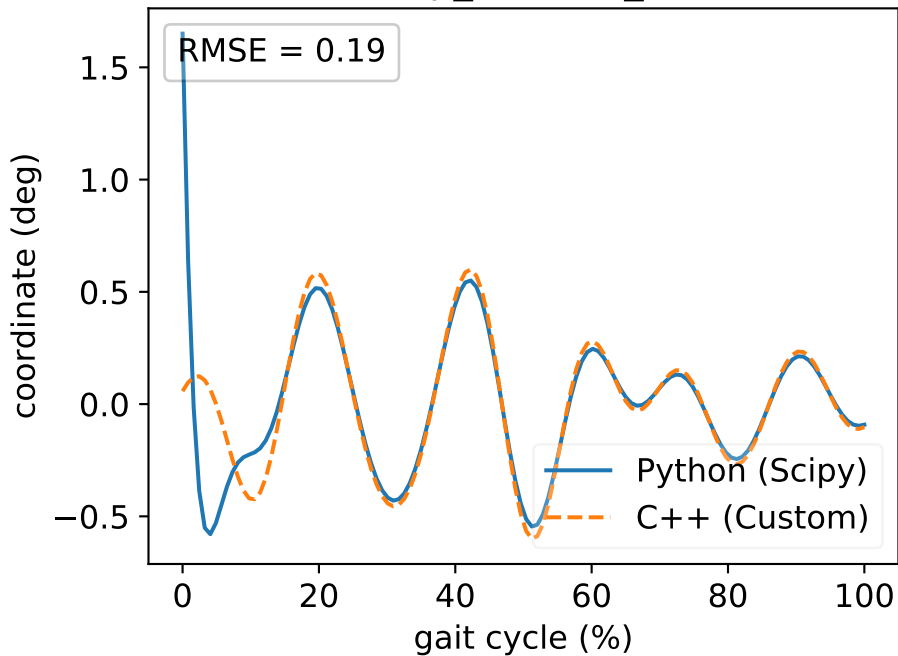
hip_flexion_l



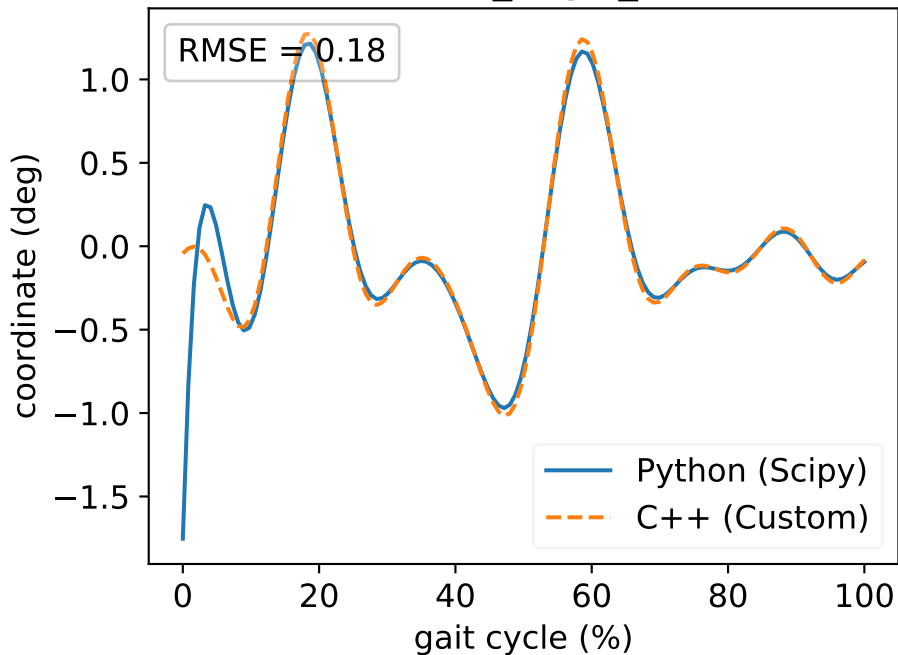
hip_adduction_l



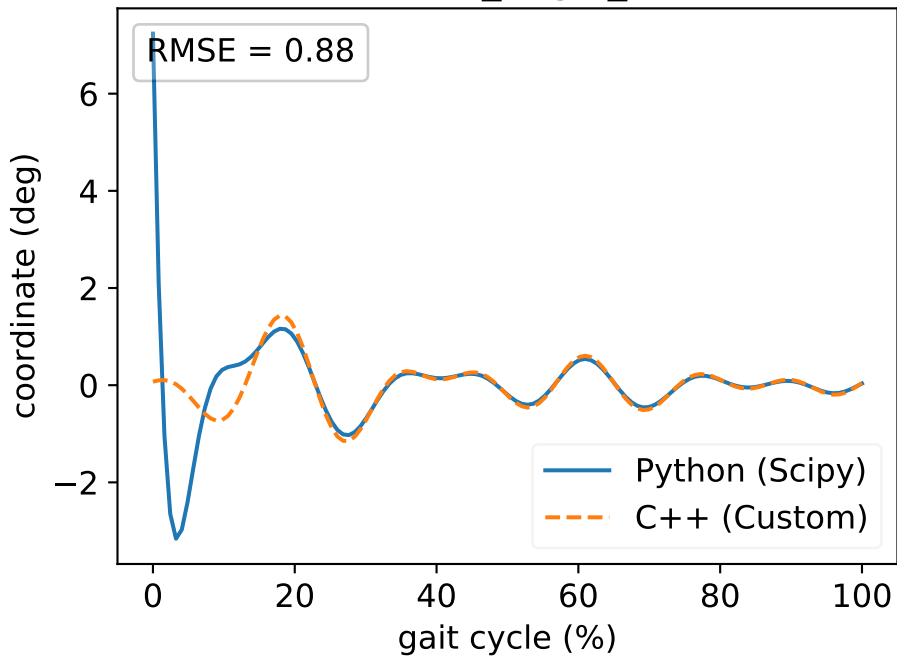
hip_rotation_l



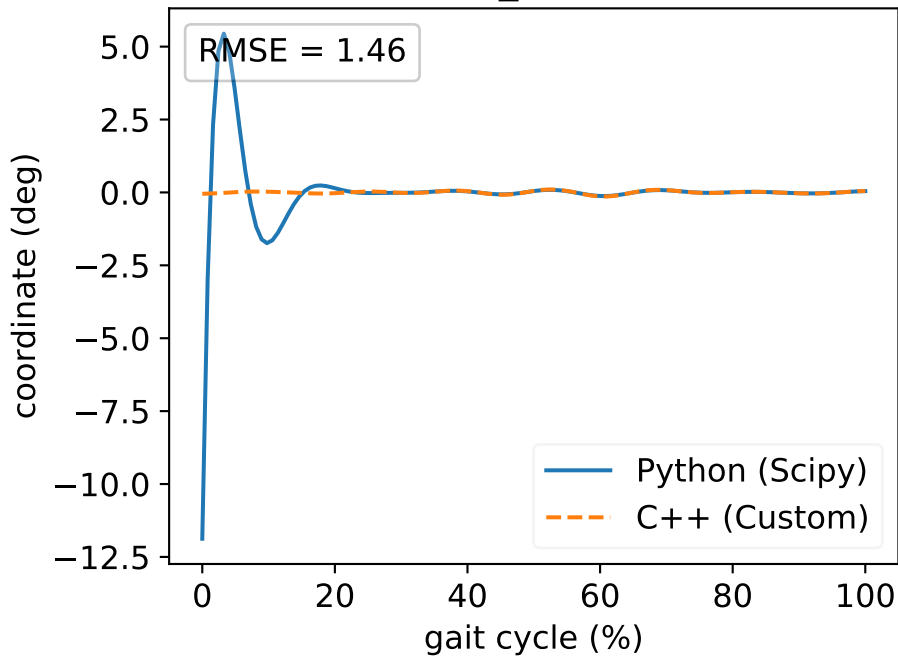
knee_angle_l



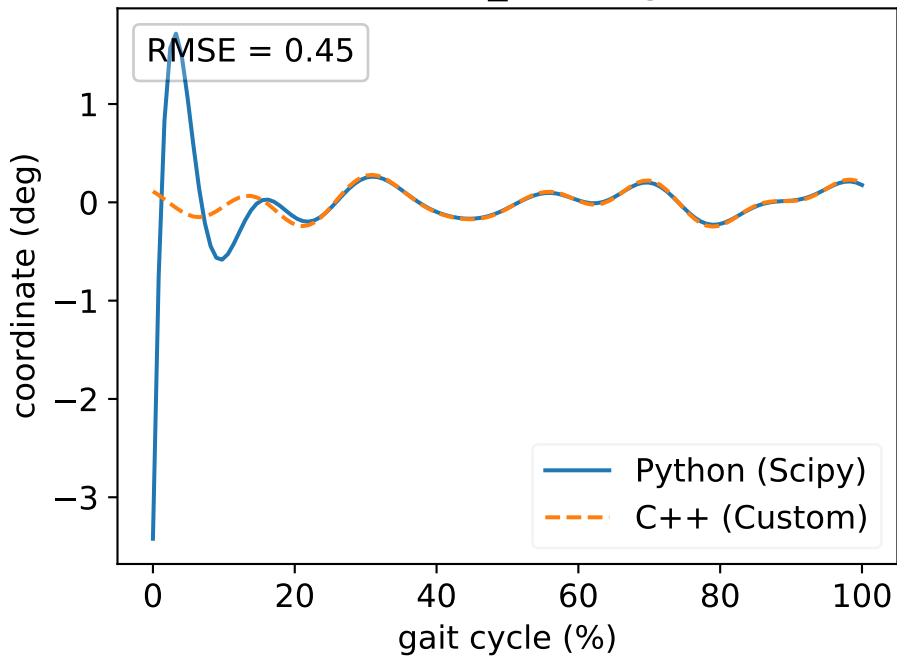
ankle_angle_l



lumbar_extension



lumbar_bending



lumbar_rotation

