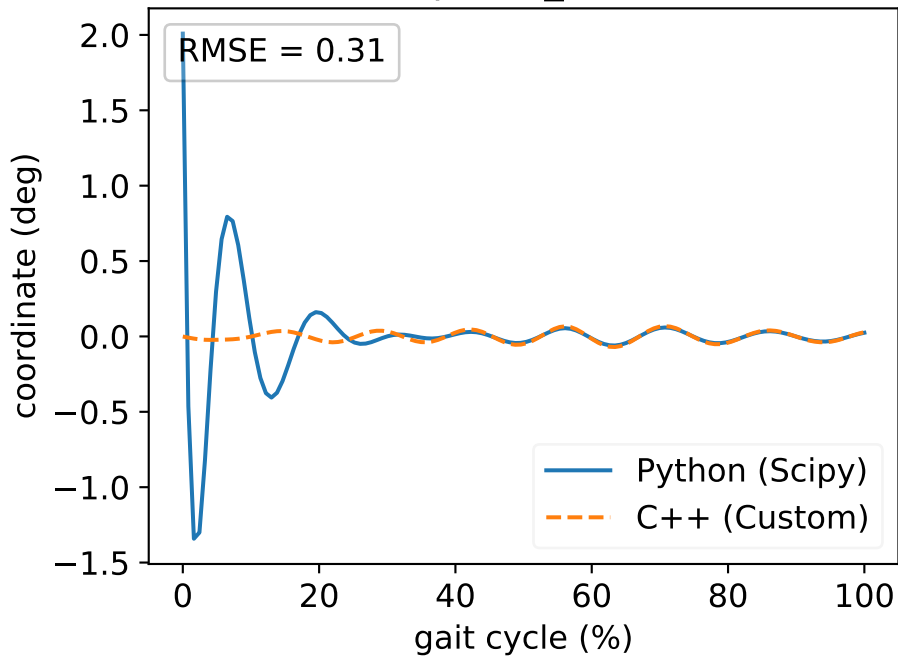
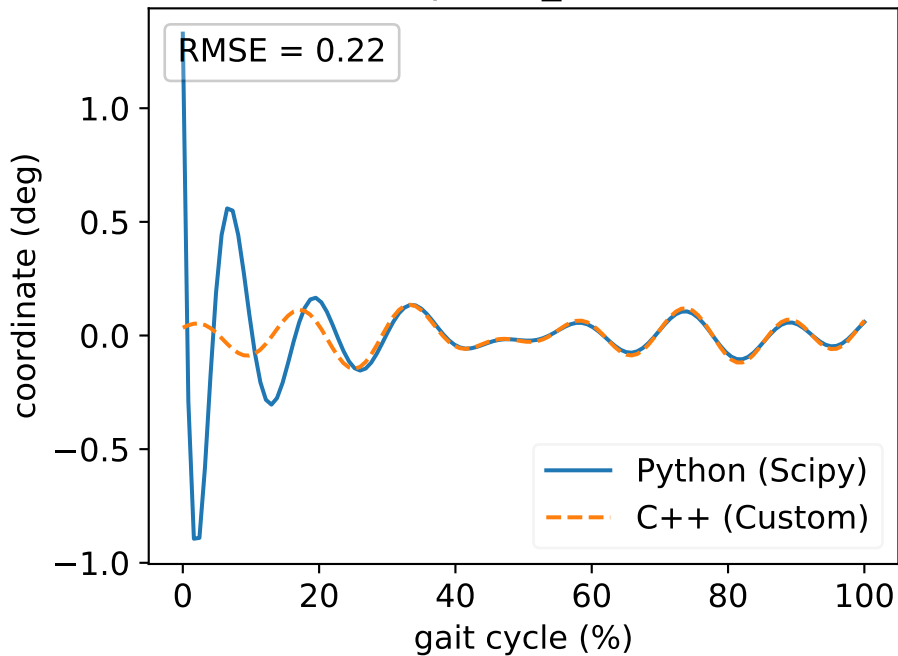


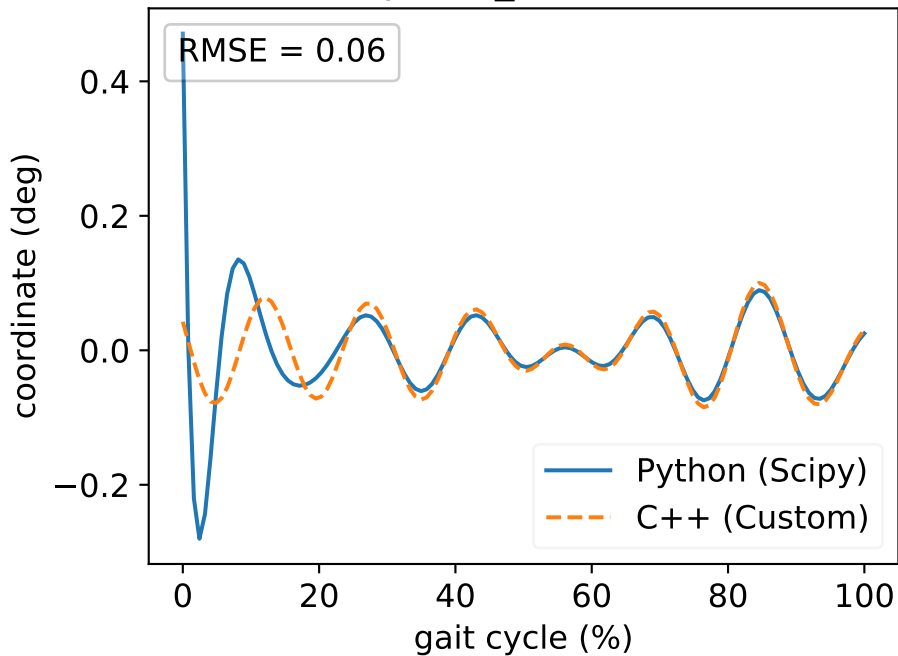
pelvis_tilt



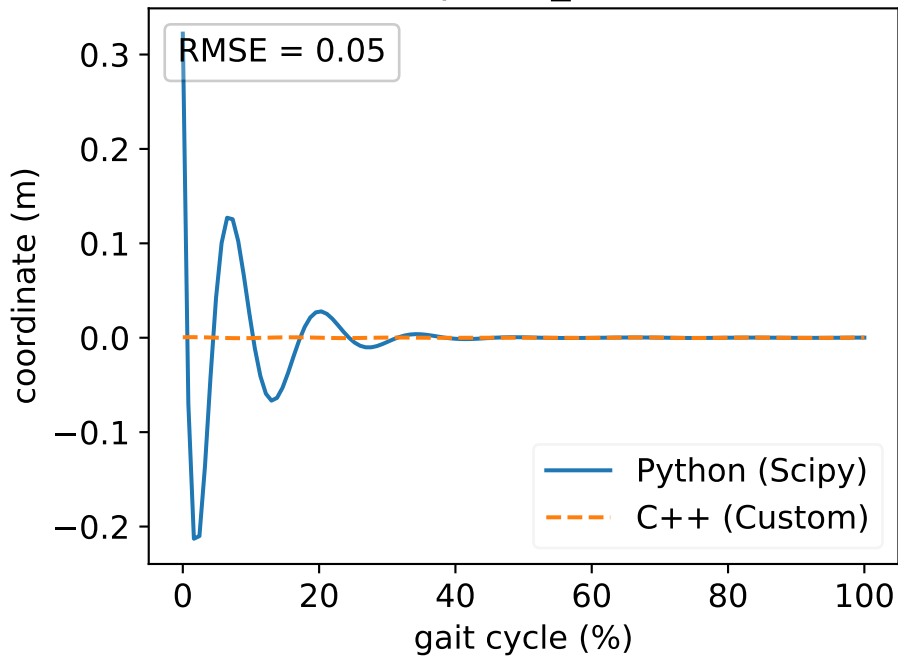
pelvis_list



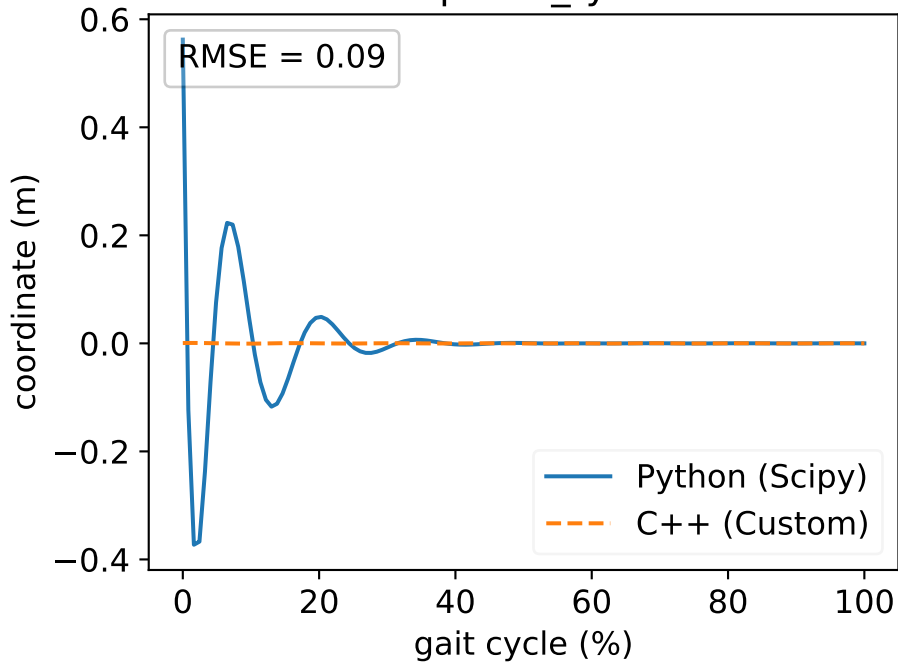
pelvis_rotation



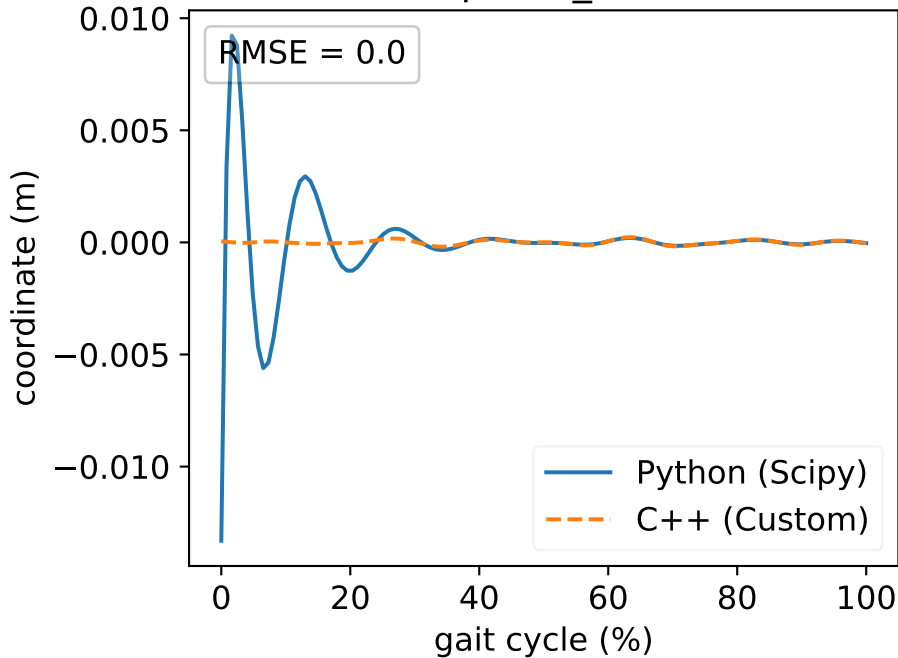
pelvis_tx



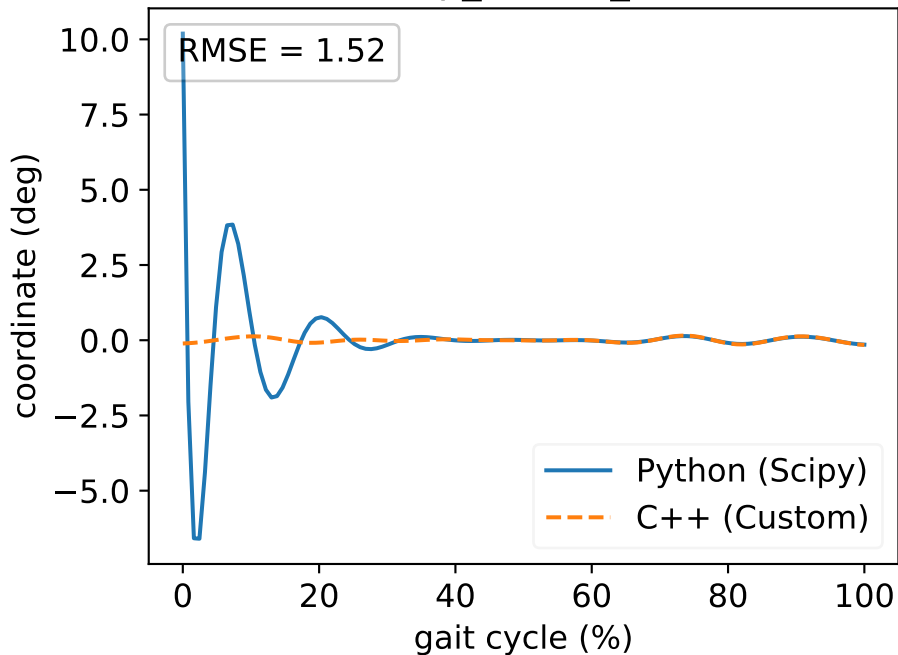
pelvis_ty



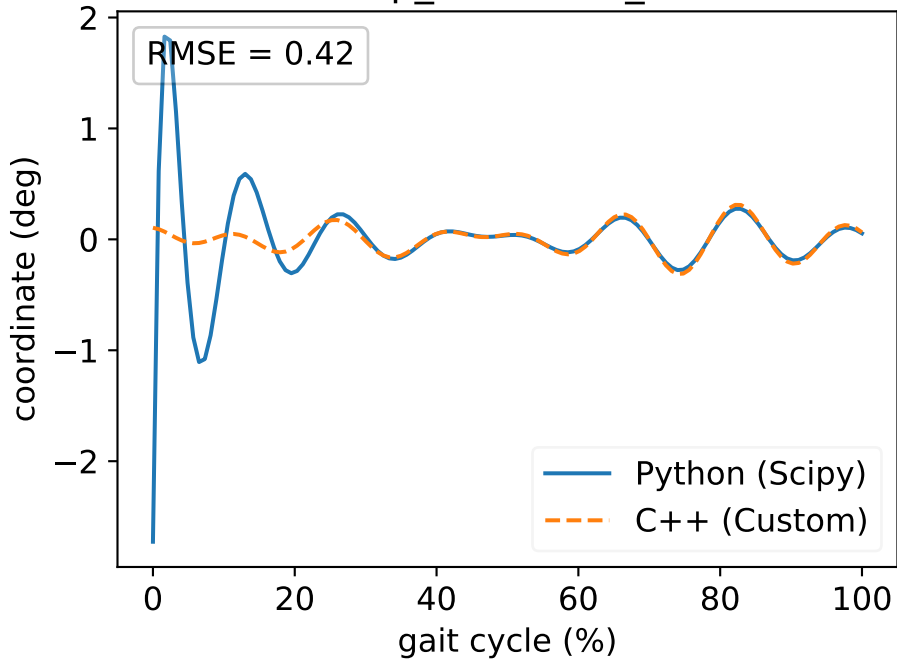
pelvis_tz



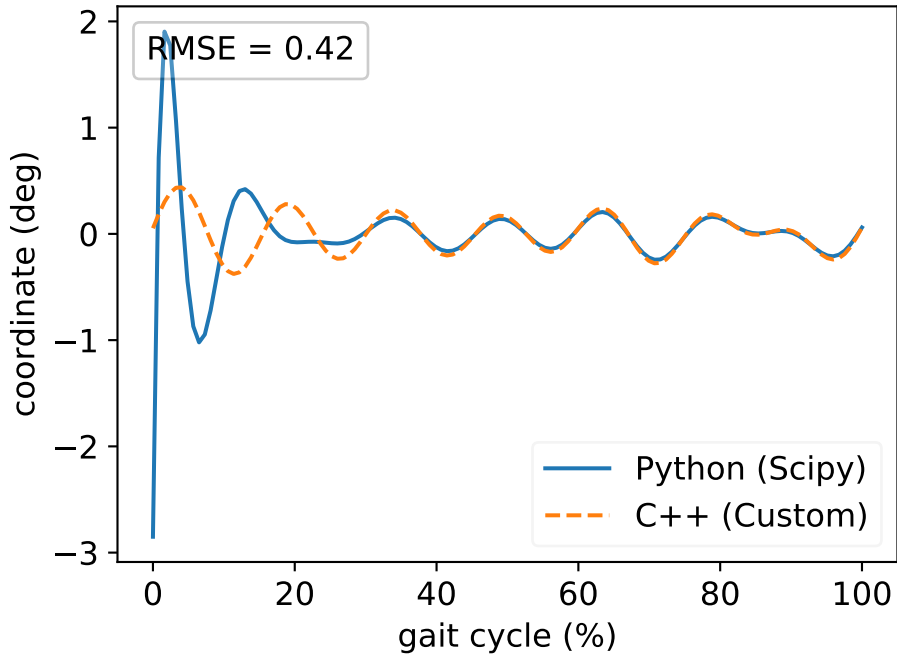
hip_flexion_r



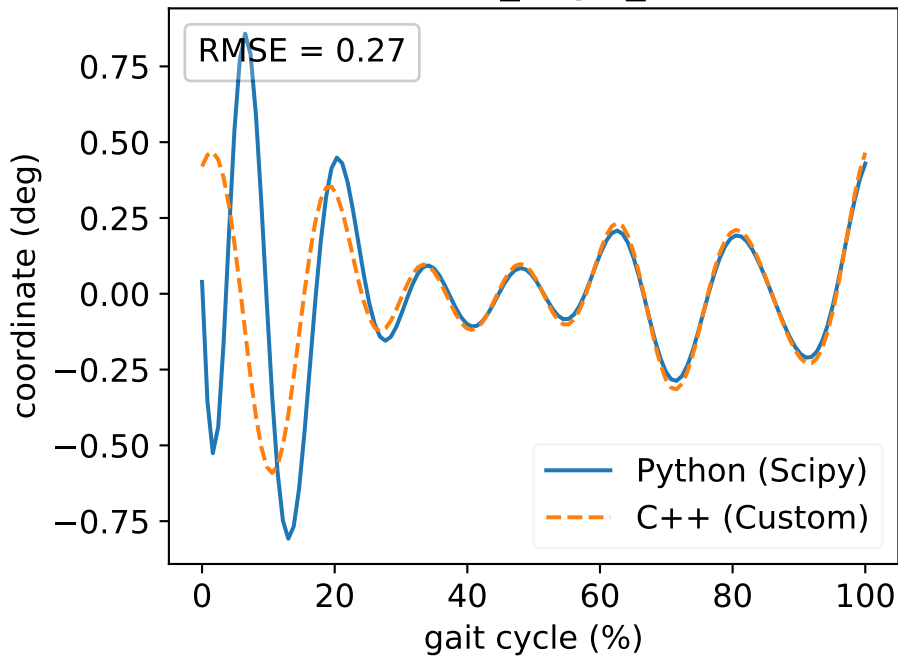
hip_adduction_r



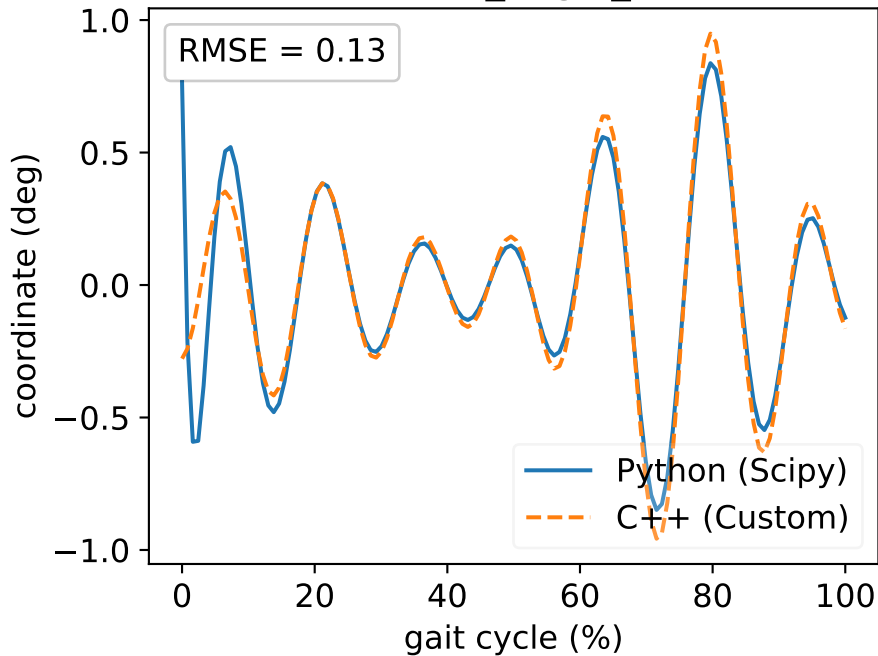
hip_rotation_r



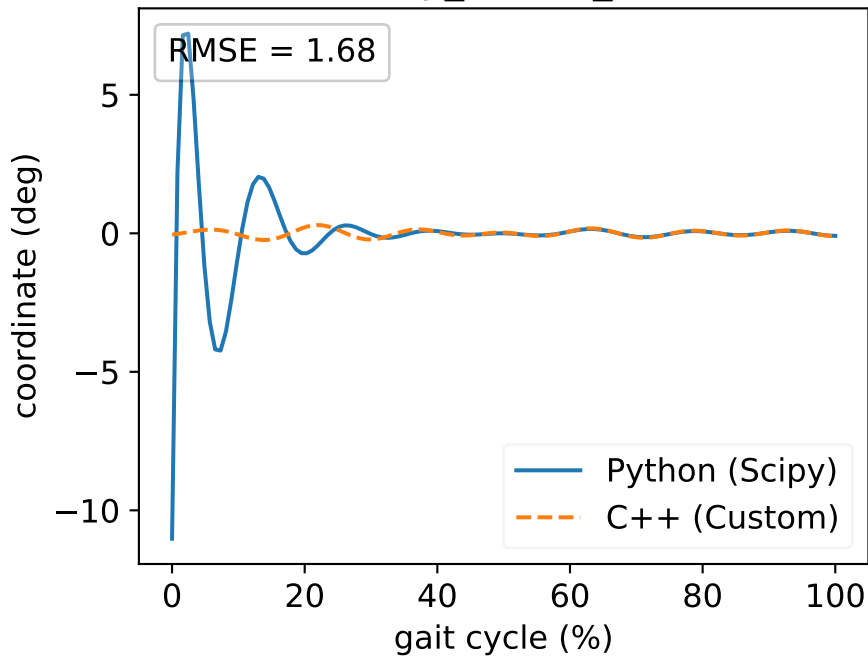
knee_angle_r



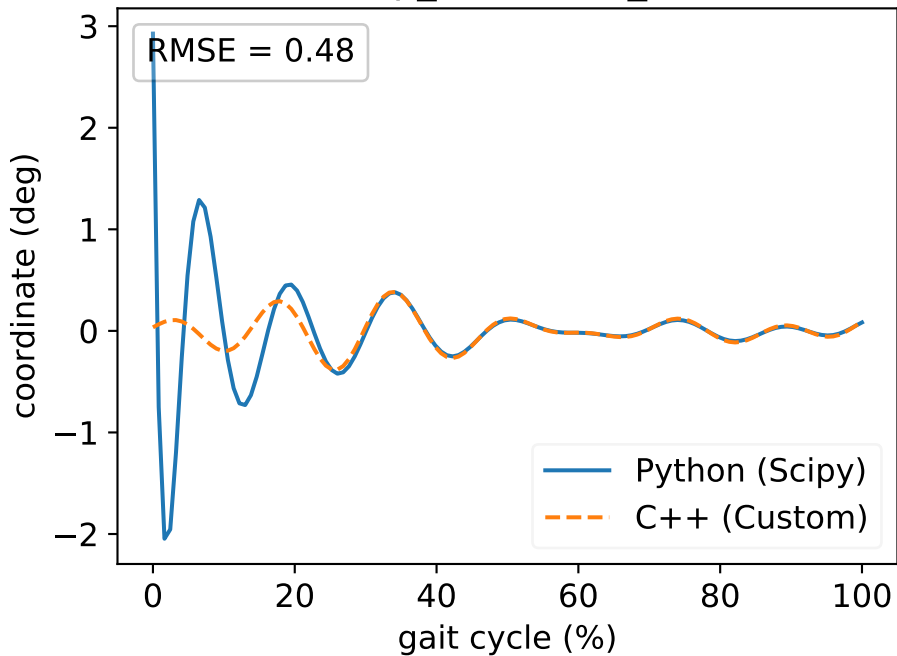
ankle_angle_r



hip_flexion_l



hip_adduction_l



hip_rotation_l

RMSE = 0.19

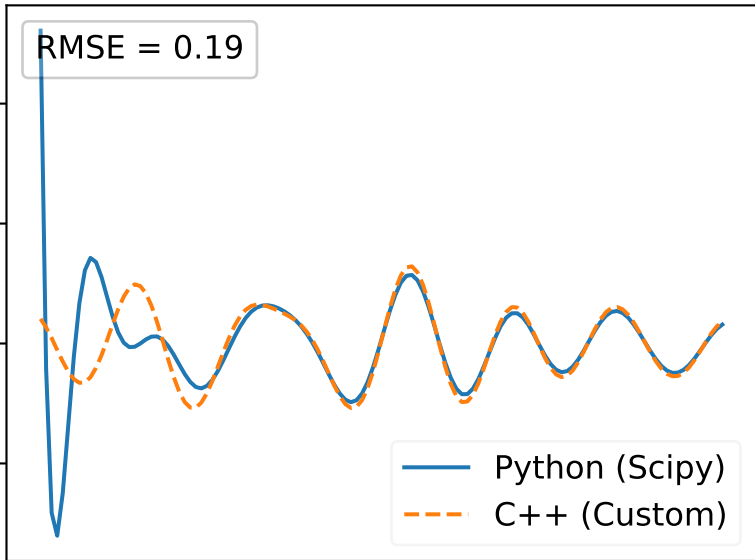
coordinate (deg)

1.0
0.5
0.0
-0.5

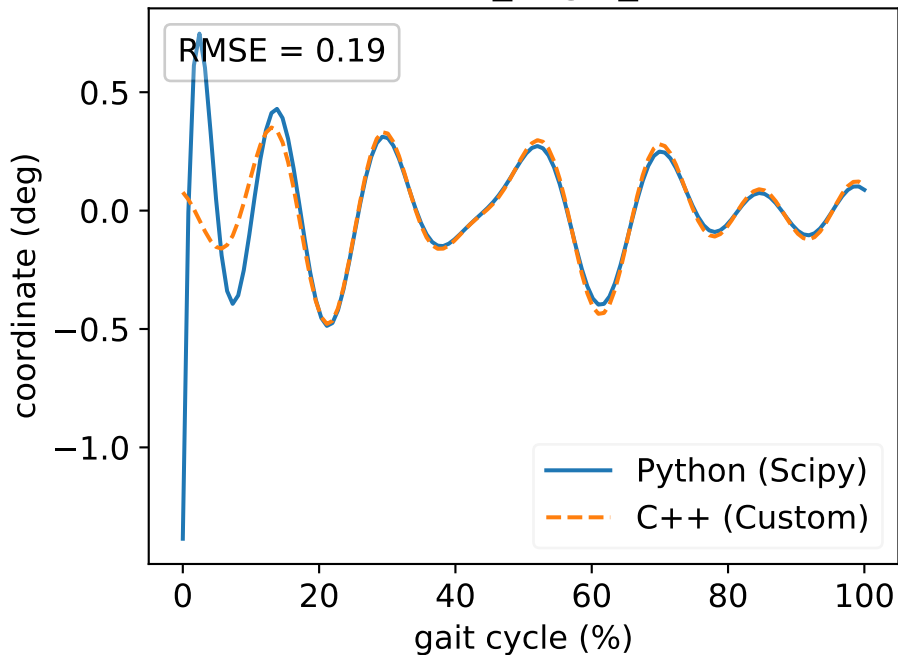
Python (Scipy)
C++ (Custom)

0 20 40 60 80 100

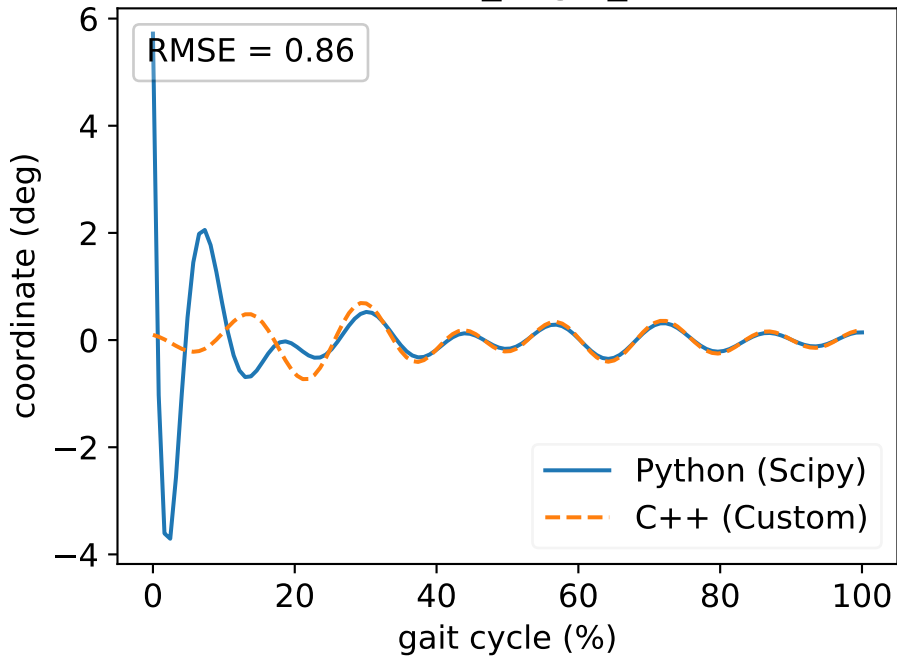
gait cycle (%)



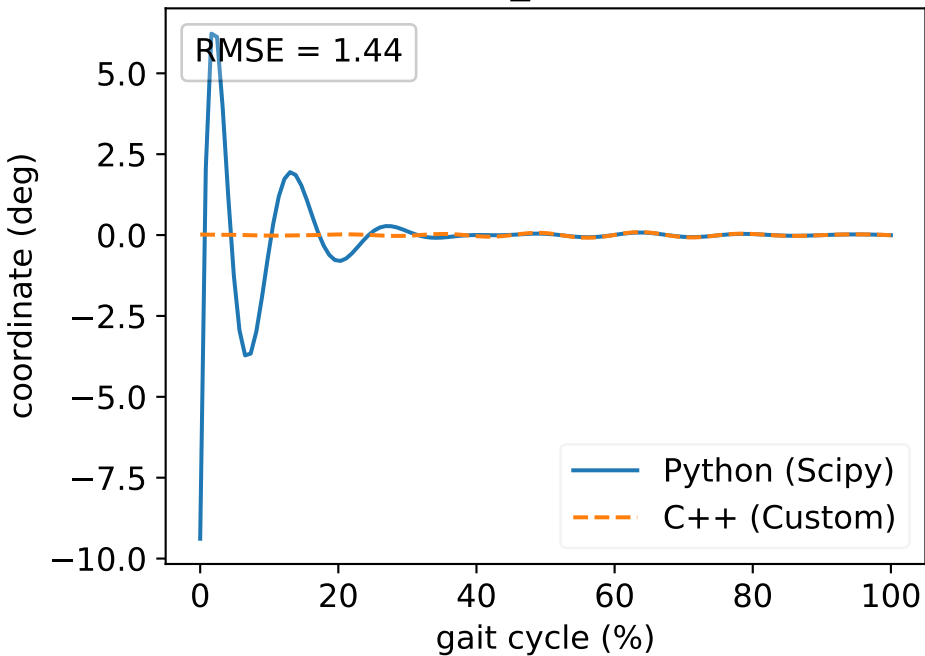
knee_angle_l



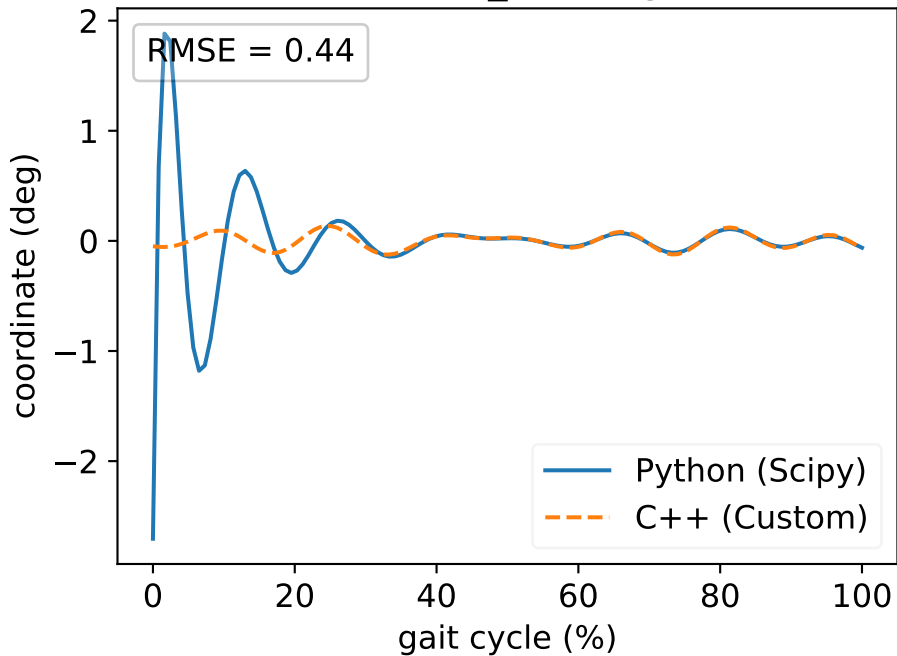
ankle_angle_l



lumbar_extension



lumbar_bending



lumbar_rotation

