Biomechanical & Muscle Force Analysis Deadlift

Athlete: 0

Bodymass: 57.6 kg

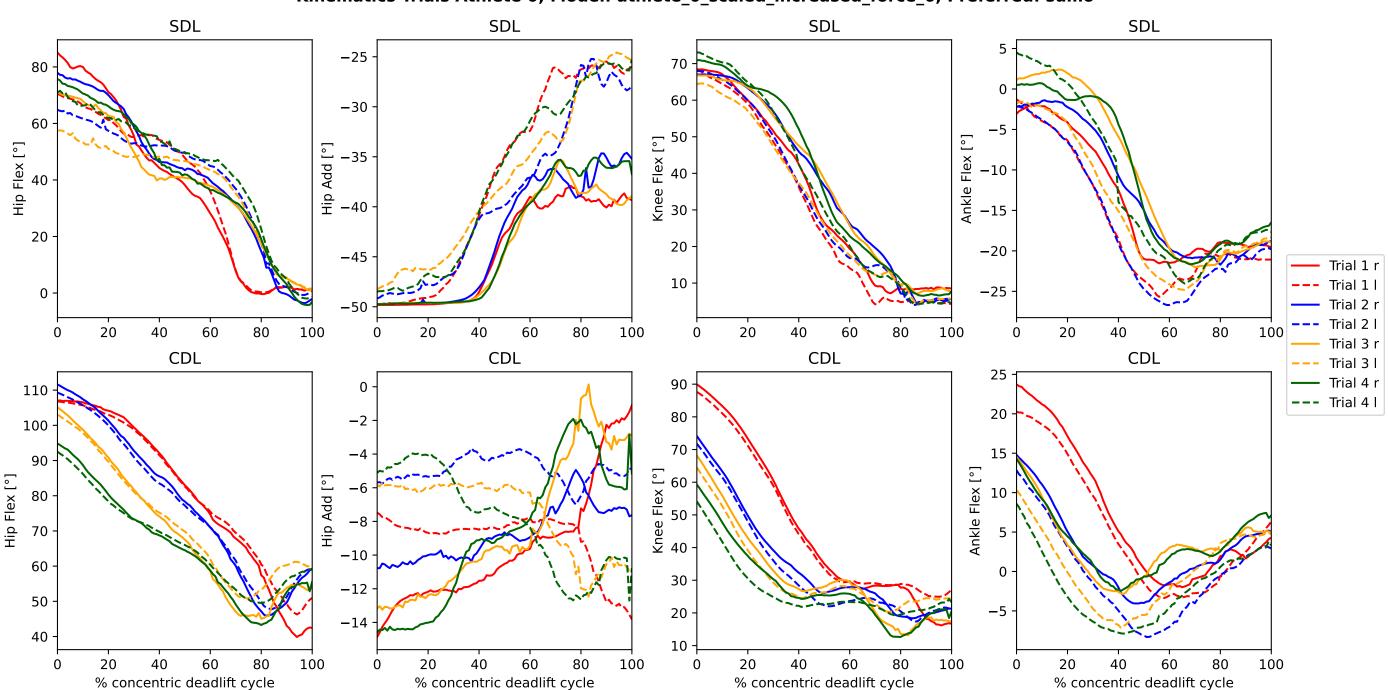
Preferred: sumo

Load: 87.5 kg

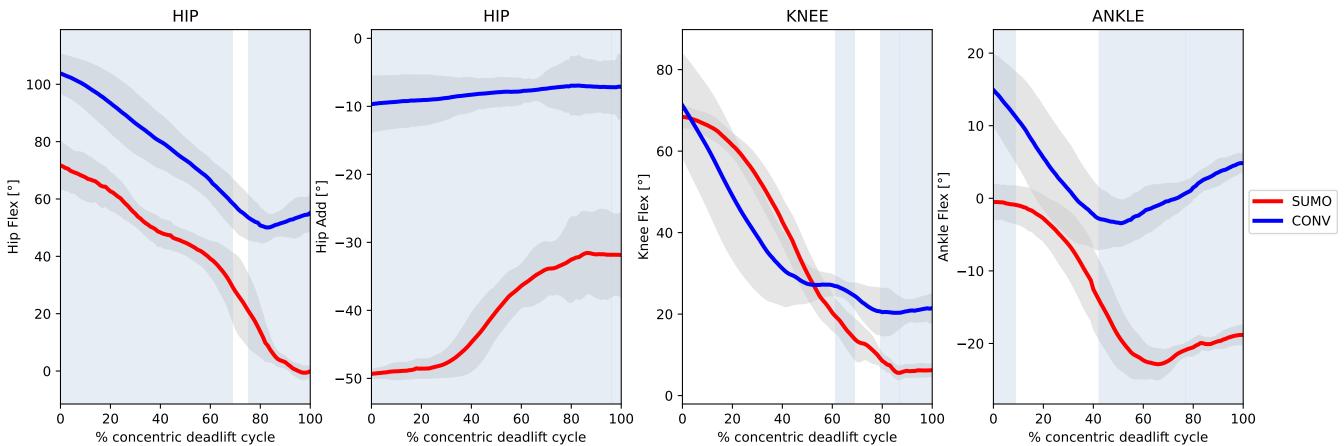
e1RM: 110 kg

Test date: 2025-01-23T18:25:43.511Z

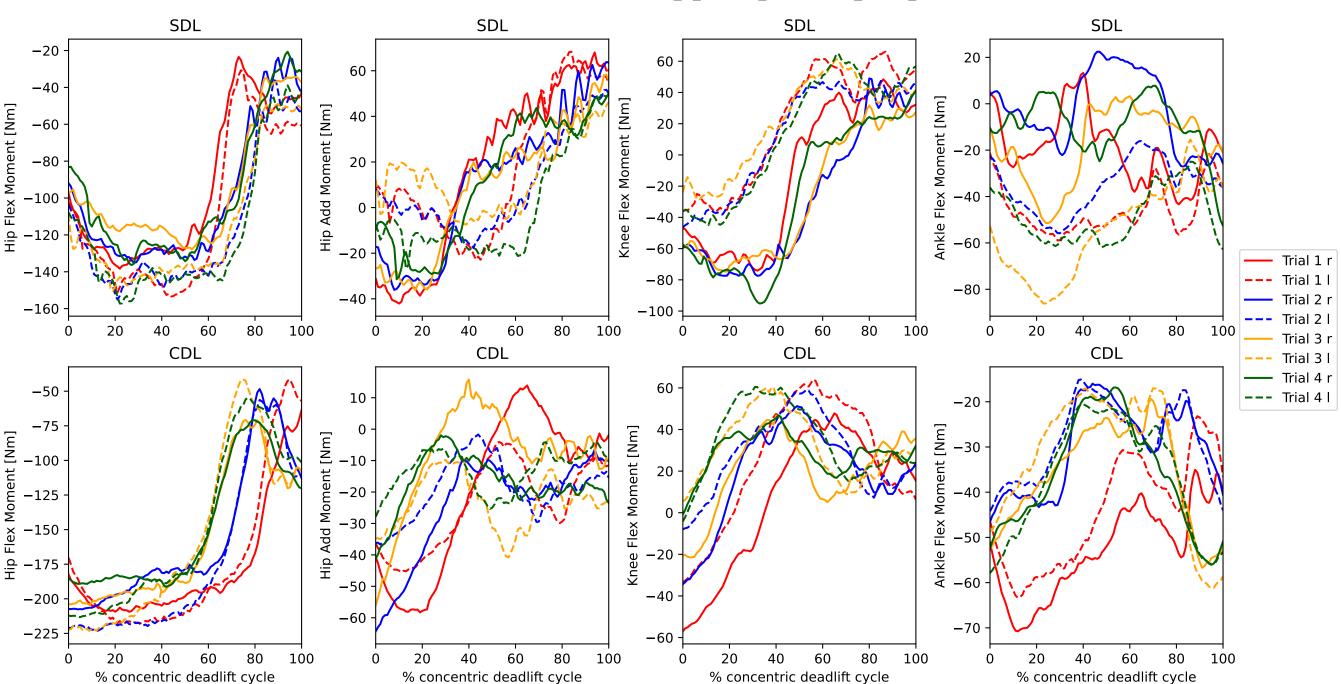
Kinematics Trials Athlete 0; Model: athlete_0_scaled_increased_force_6; Preferred: sumo



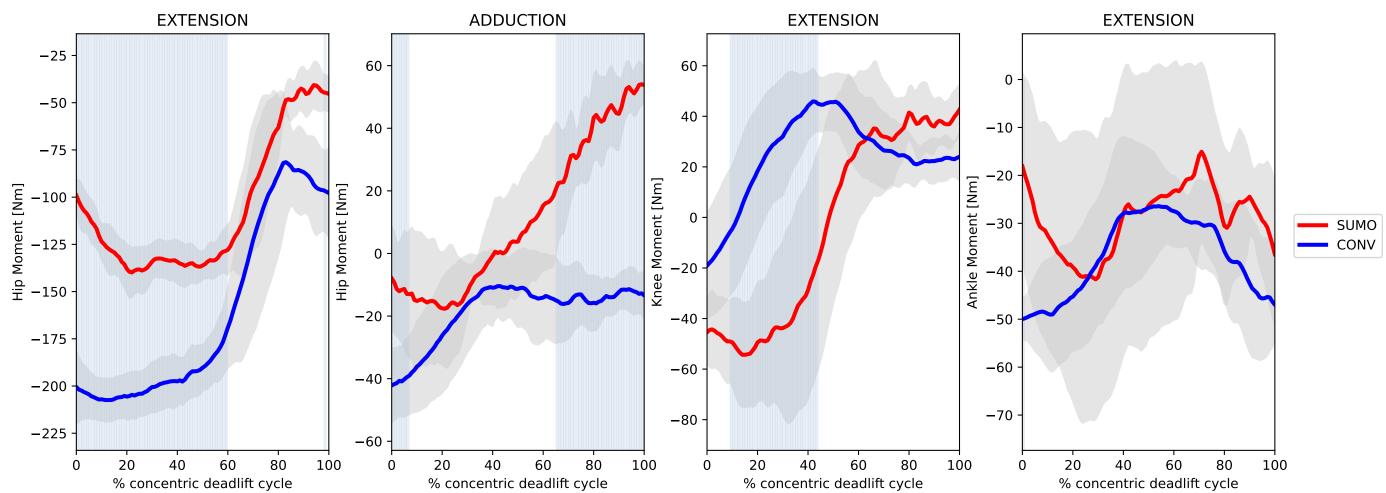
Kinematics Means Athlete 0; Model: athlete_0_scaled_increased_force_6; Preferred: sumo



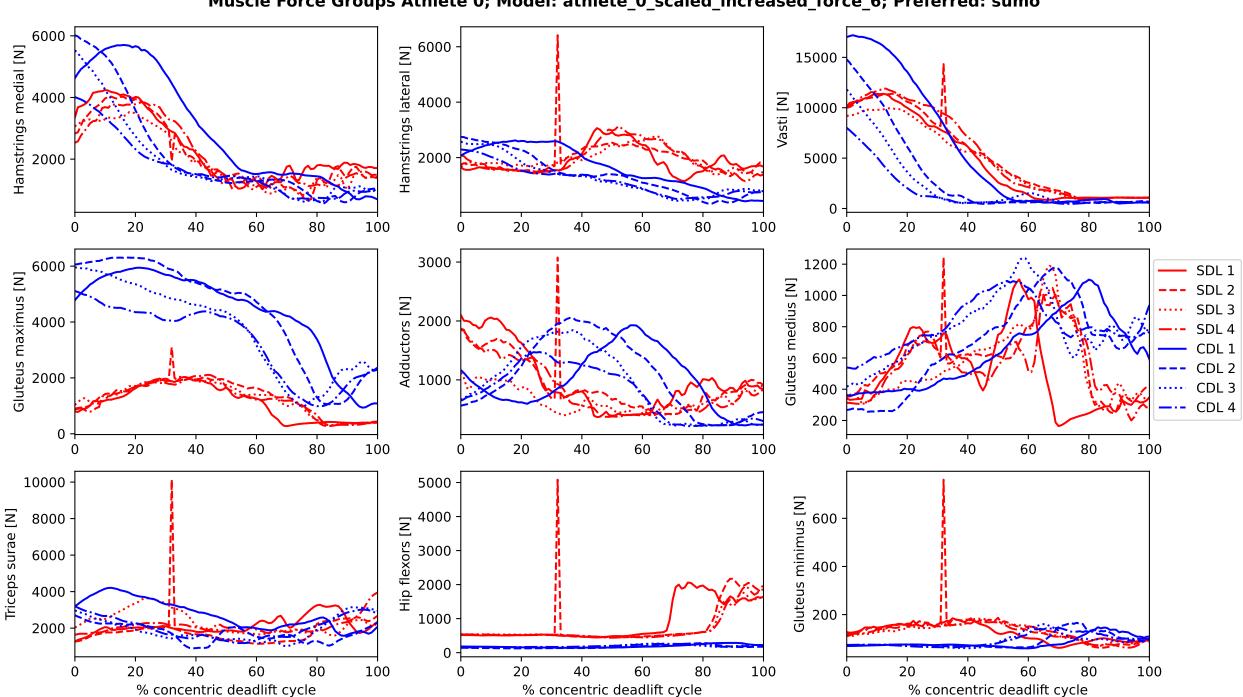
Joint Moments Trials Athlete 0; Model: athlete_0_scaled_increased_force_6; Preferred: sumo



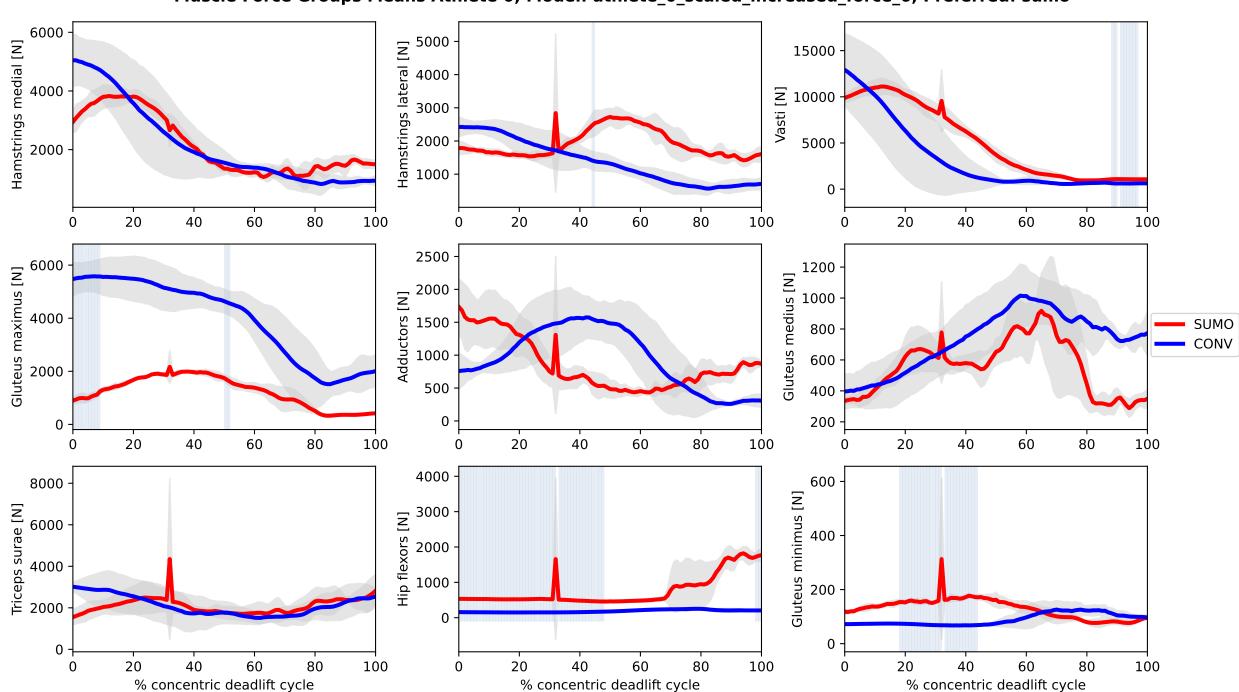
Joint Moments Means Athlete 0; Model: athlete_0_scaled_increased_force_6; Preferred: sumo



Muscle Force Groups Athlete 0; Model: athlete_0_scaled_increased_force_6; Preferred: sumo



Muscle Force Groups Means Athlete 0; Model: athlete_0_scaled_increased_force_6; Preferred: sumo



Total Muscle Force Athlete 0; Model: athlete_0_scaled_increased_force_6; Preferred: sumo SDL Trial 1 Wascle force [N] 50000 40000 30000 20000 Trial 2 Trial 3 Trial 4 10000 -**CDL** Trial 1 Trial 2 Trial 3 20000 15000 Trial 4 20000 -15000 -10000 -5000 -

% concentric deadlift cycle

Total Muscle Force Athlete 0; Model: athlete_0_scaled_increased_force_6; Preferred: sumo **Total Muscle Forces** SDL CDL 1000 -800 -Normalised Muscle Force [N/kg] 600 -400 200 -20 80 40 60 100 % concentric deadlift cycle

