Biomechanical & Muscle Force Analysis Deadlift

Athlete: 0

Bodymass: 57.6 kg

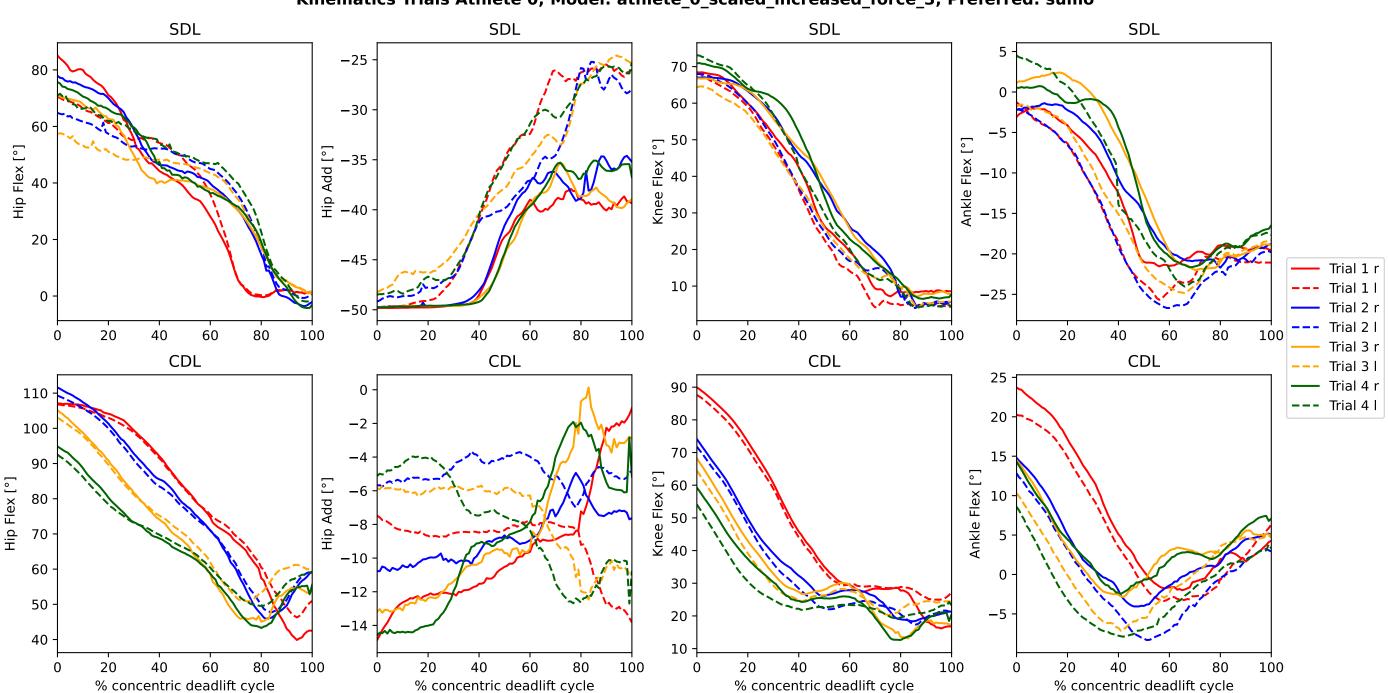
Preferred: sumo

Load: 87.5 kg

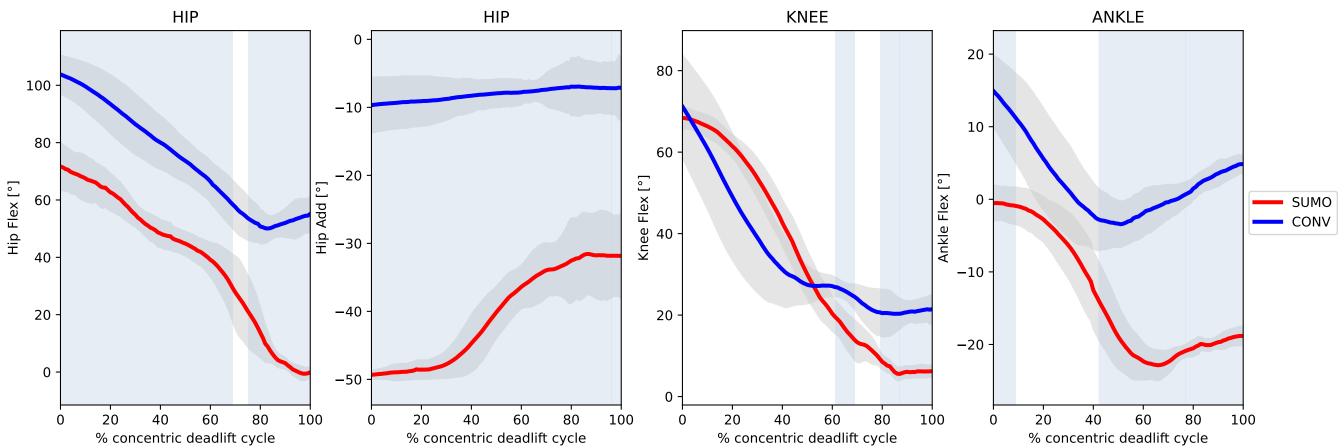
e1RM: 110 kg

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

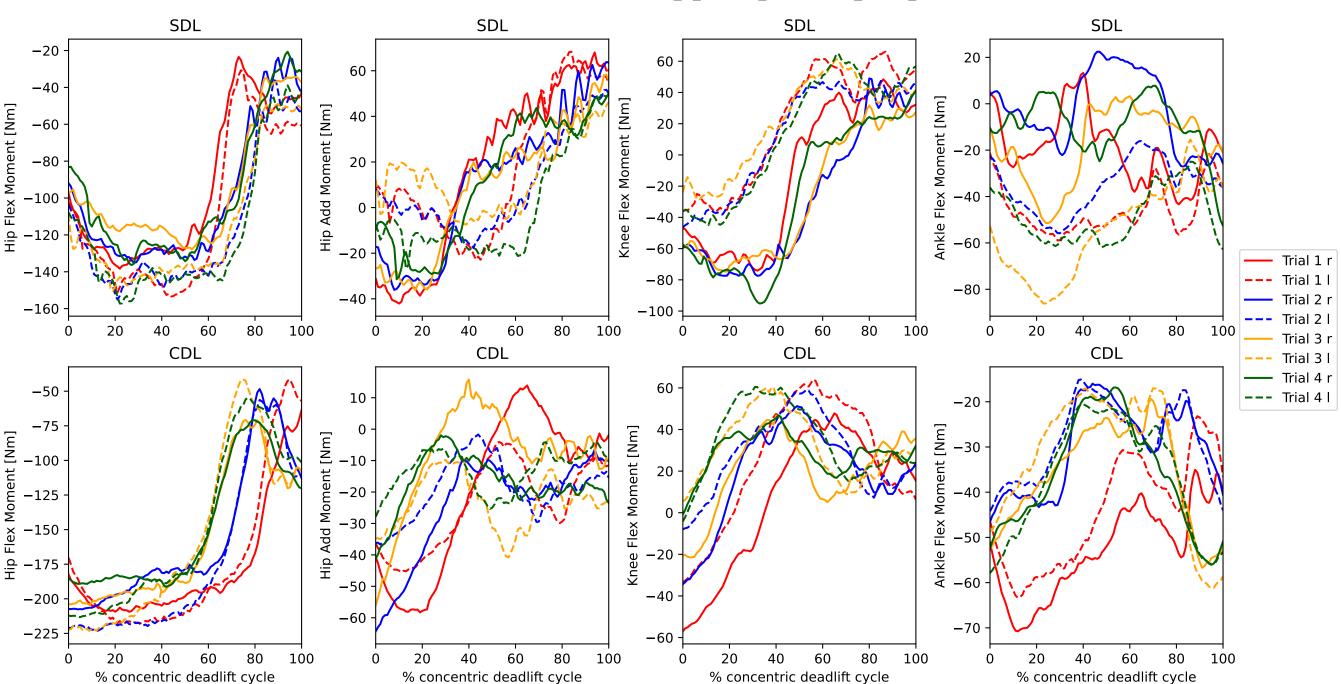
Kinematics Trials Athlete 0; Model: athlete_0_scaled_increased_force_3; Preferred: sumo



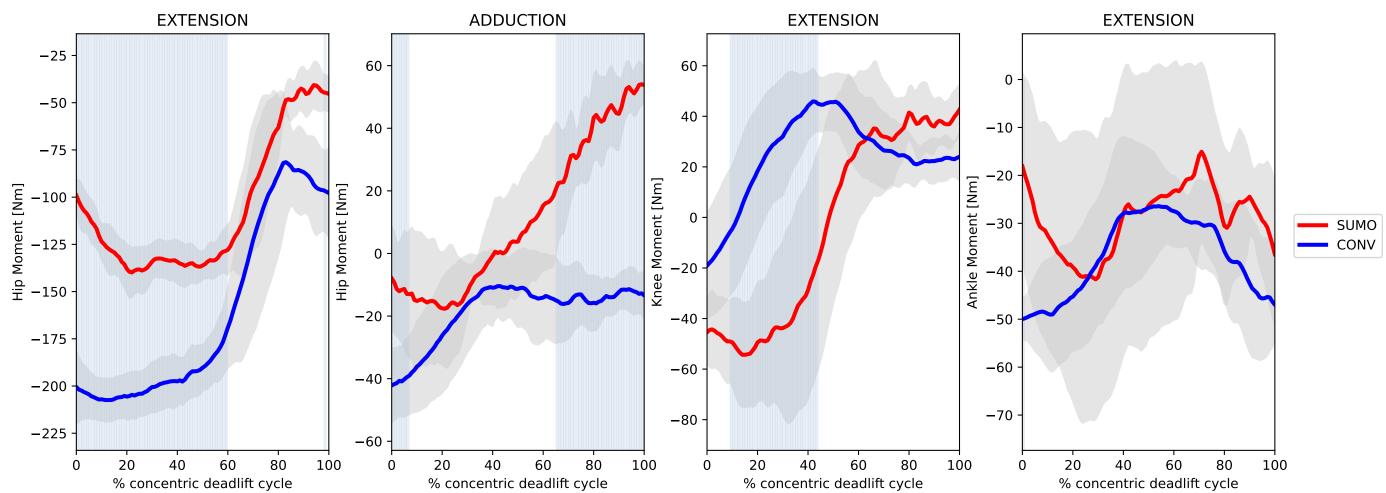
Kinematics Means Athlete 0; Model: athlete_0_scaled_increased_force_3; Preferred: sumo



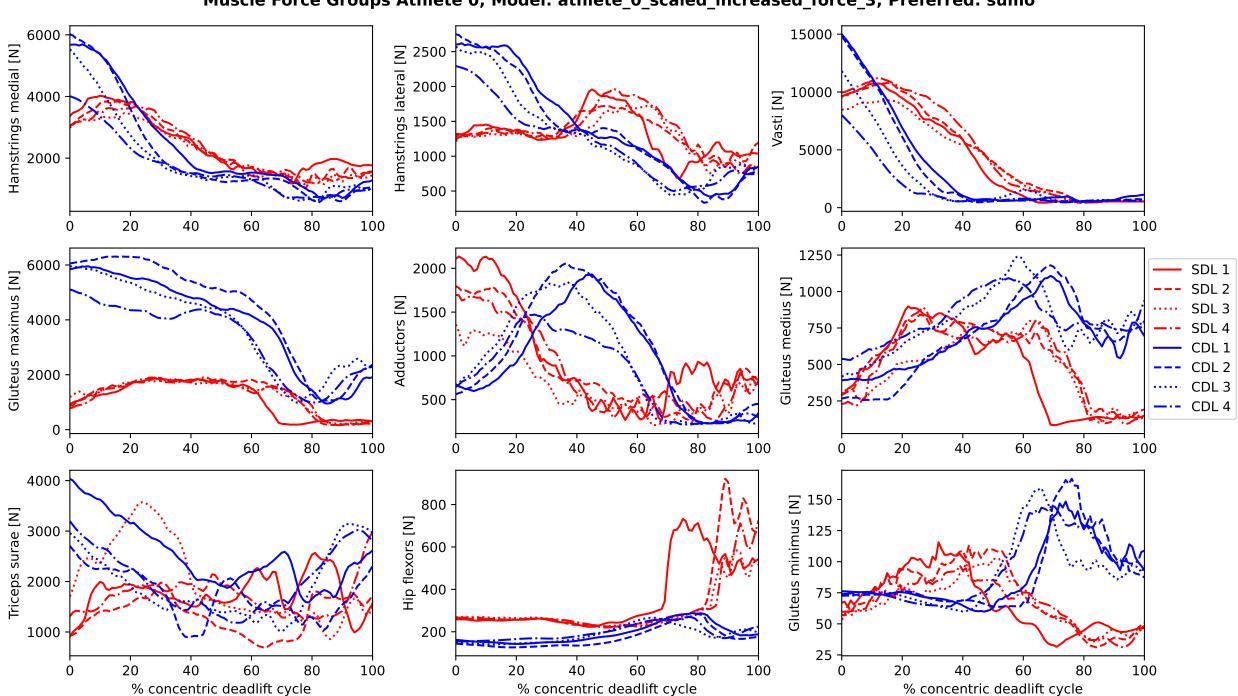
Joint Moments Trials Athlete 0; Model: athlete_0_scaled_increased_force_3; Preferred: sumo



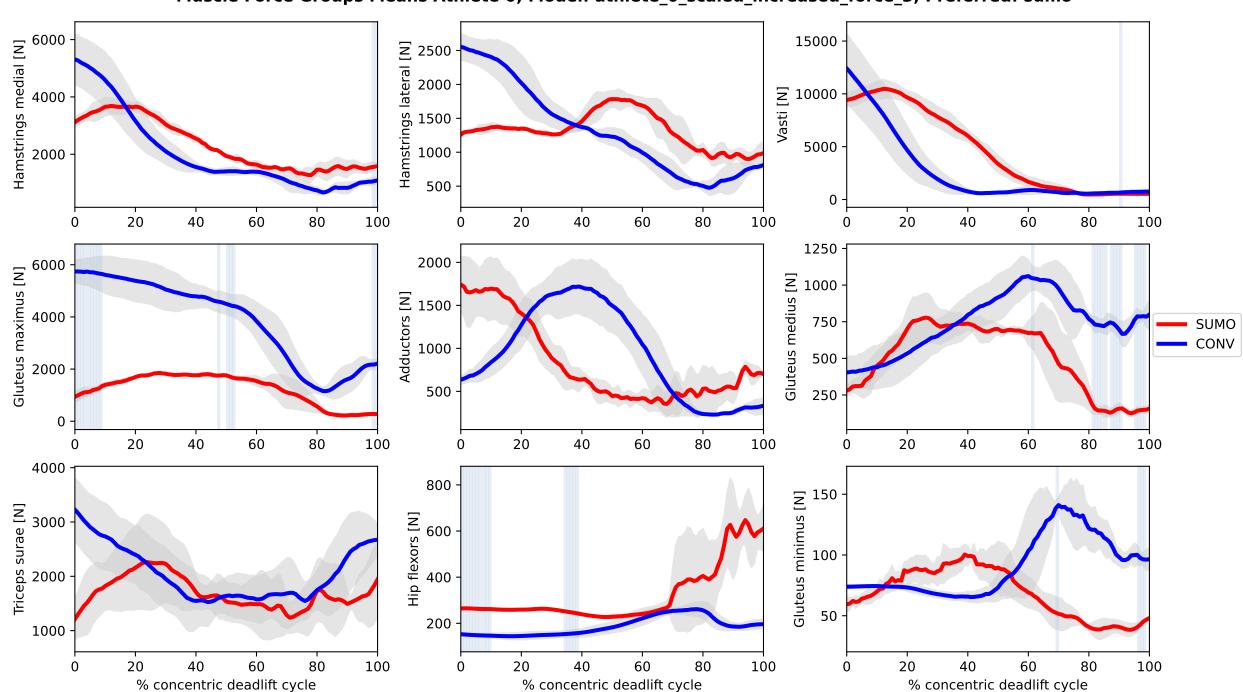
Joint Moments Means Athlete 0; Model: athlete_0_scaled_increased_force_3; Preferred: sumo



Muscle Force Groups Athlete 0; Model: athlete_0_scaled_increased_force_3; Preferred: sumo



Muscle Force Groups Means Athlete 0; Model: athlete_0_scaled_increased_force_3; Preferred: sumo



Total Muscle Force Athlete 0; Model: athlete_0_scaled_increased_force_3; Preferred: sumo SDL Trial 1 Muscle force [N] 15000 15000 Trial 2 Trial 3 --- Trial 4 5000 -**CDL** Trial 1 Trial 2 Trial 3 Mnscle force [25000 25000 15000] Trial 4 10000 -5000 -% concentric deadlift cycle

Total Muscle Force Athlete 0; Model: athlete_0_scaled_increased_force_3; Preferred: sumo **Total Muscle Forces** SDL CDL 600 -500 Normalised Muscle Force [N/kg] 200 100 -20 80 40 60 100 % concentric deadlift cycle

Muscle Force Means Athlete 0

