Biomechanical & Muscle Force Analysis Deadlift

Athlete: 2

Bodymass: 98 kg

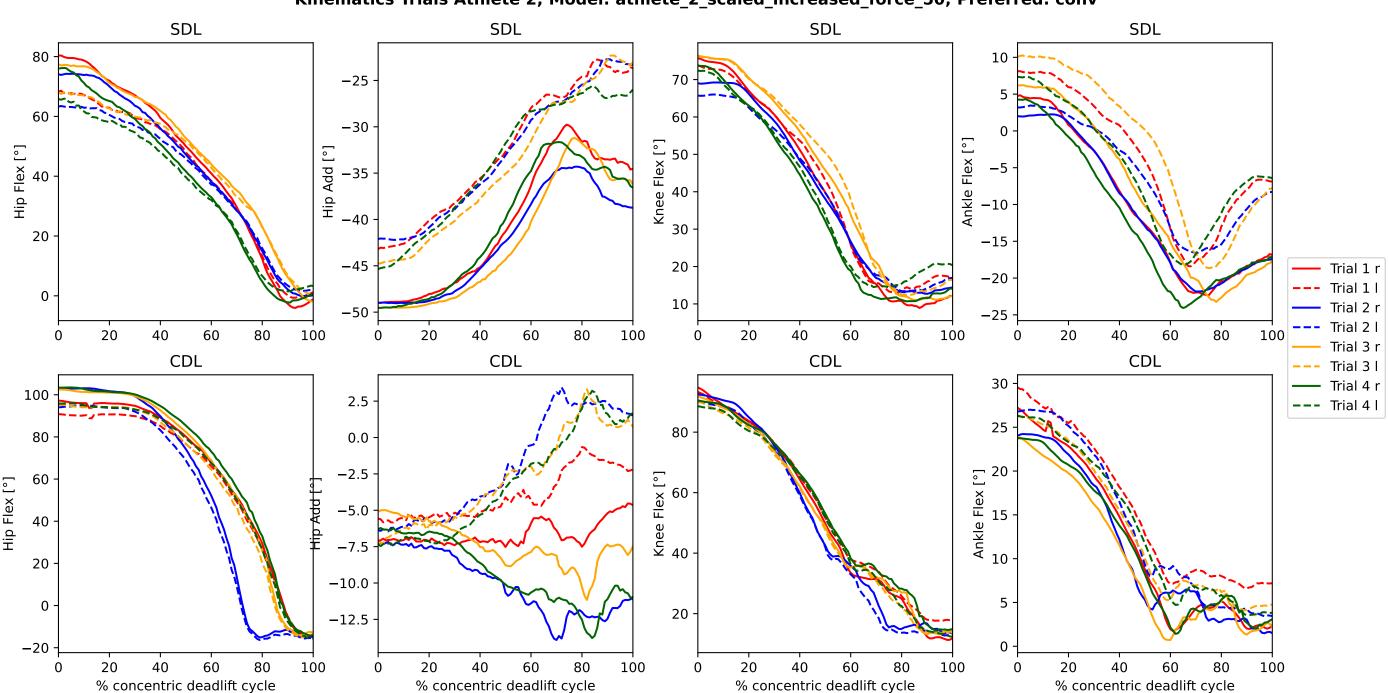
Preferred: conv

Load: 232.5 kg

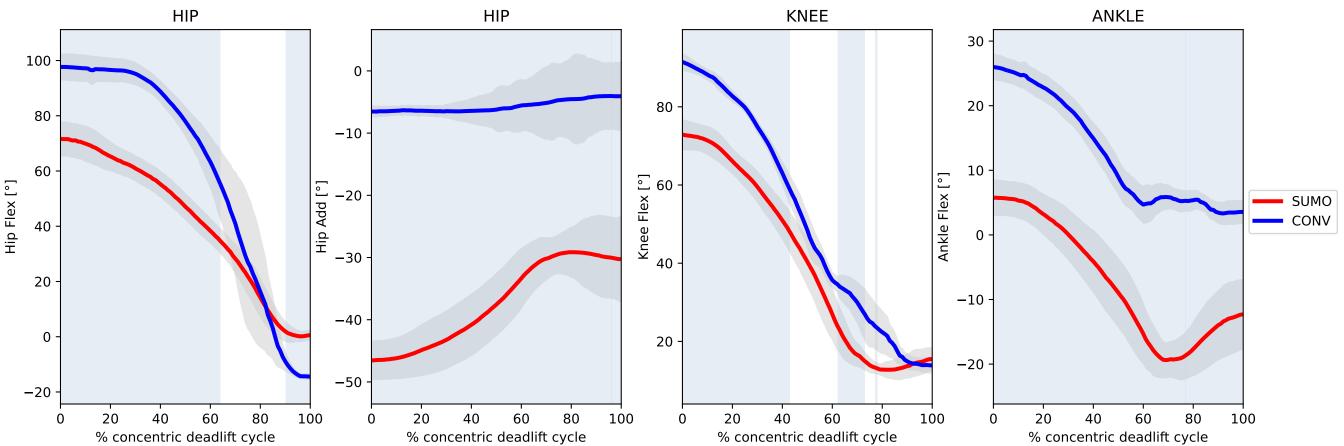
e1RM: 290 kg

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

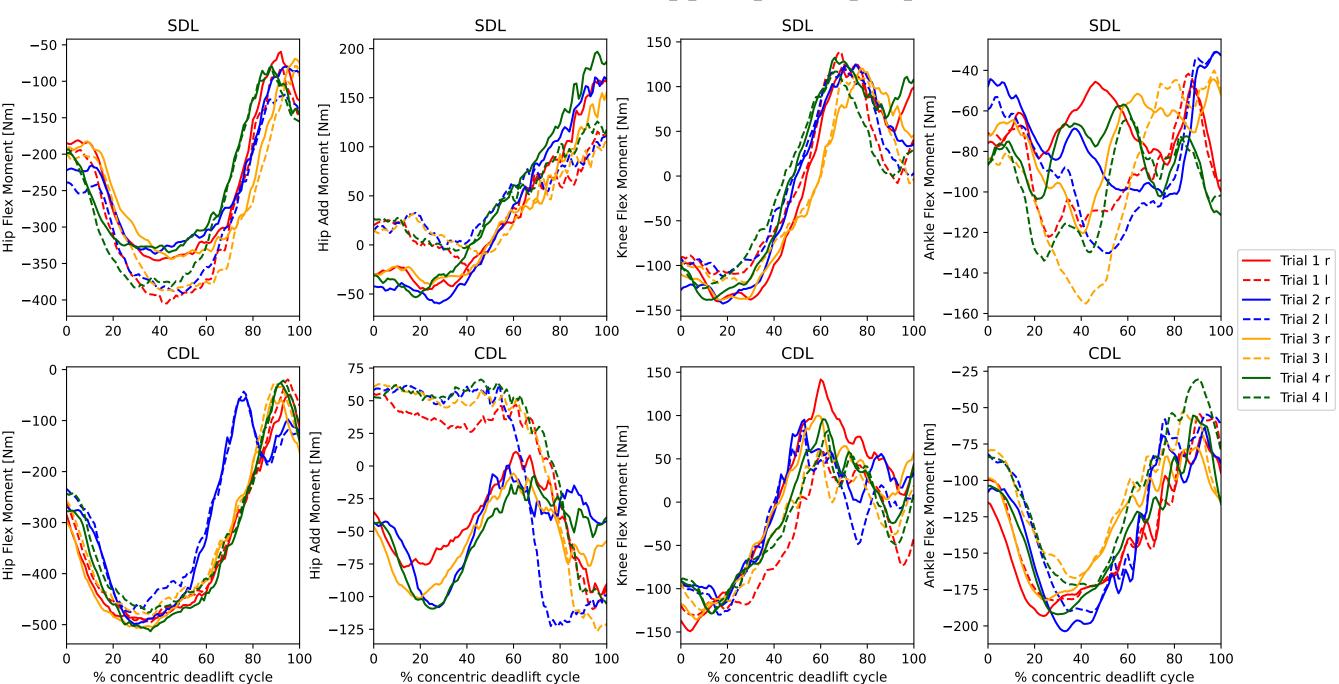
Kinematics Trials Athlete 2; Model: athlete_2_scaled_increased_force_50; Preferred: conv



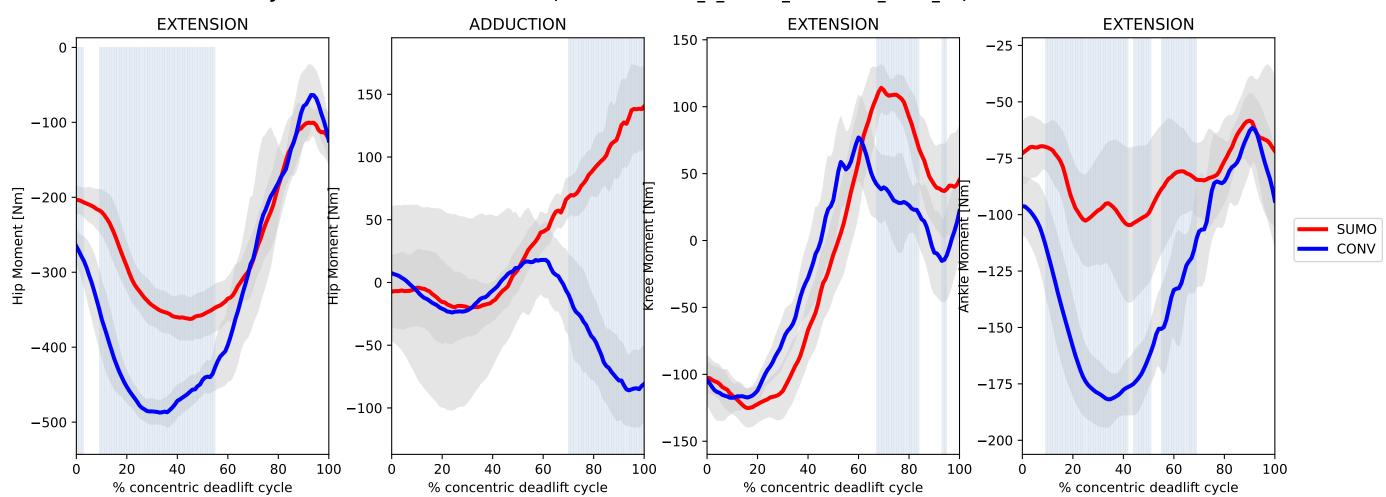
Kinematics Means Athlete 2; Model: athlete_2_scaled_increased_force_50; Preferred: conv



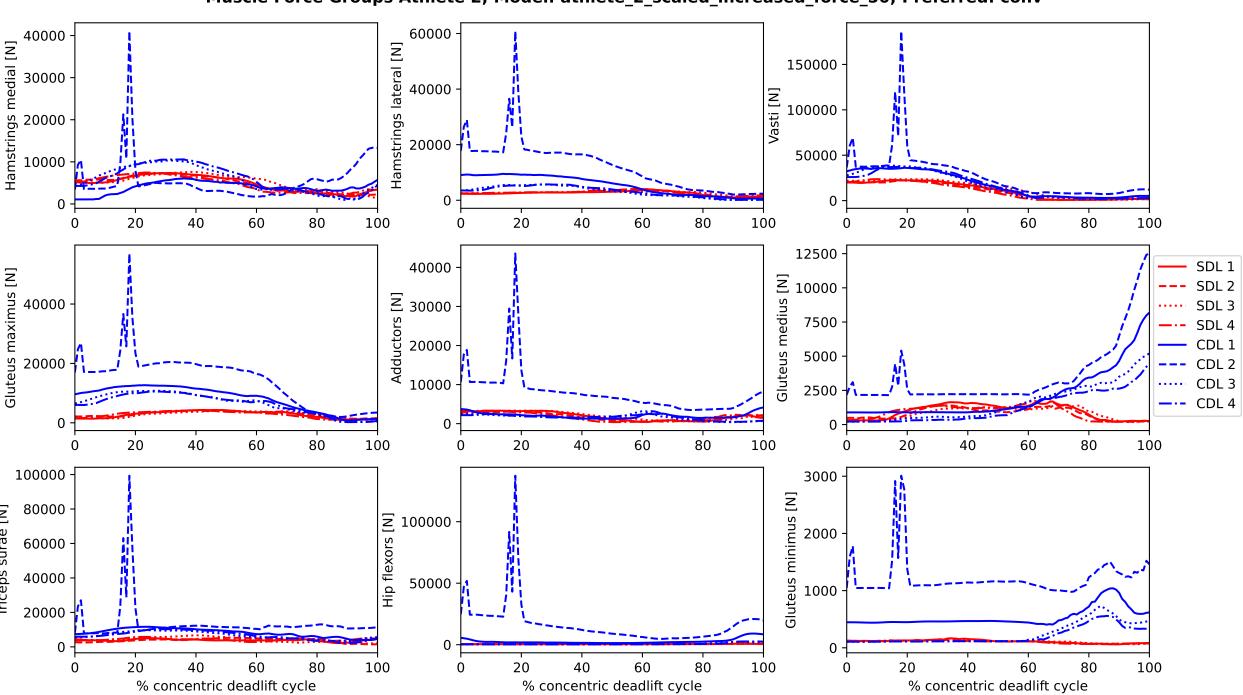
Joint Moments Trials Athlete 2; Model: athlete_2_scaled_increased_force_50; Preferred: conv



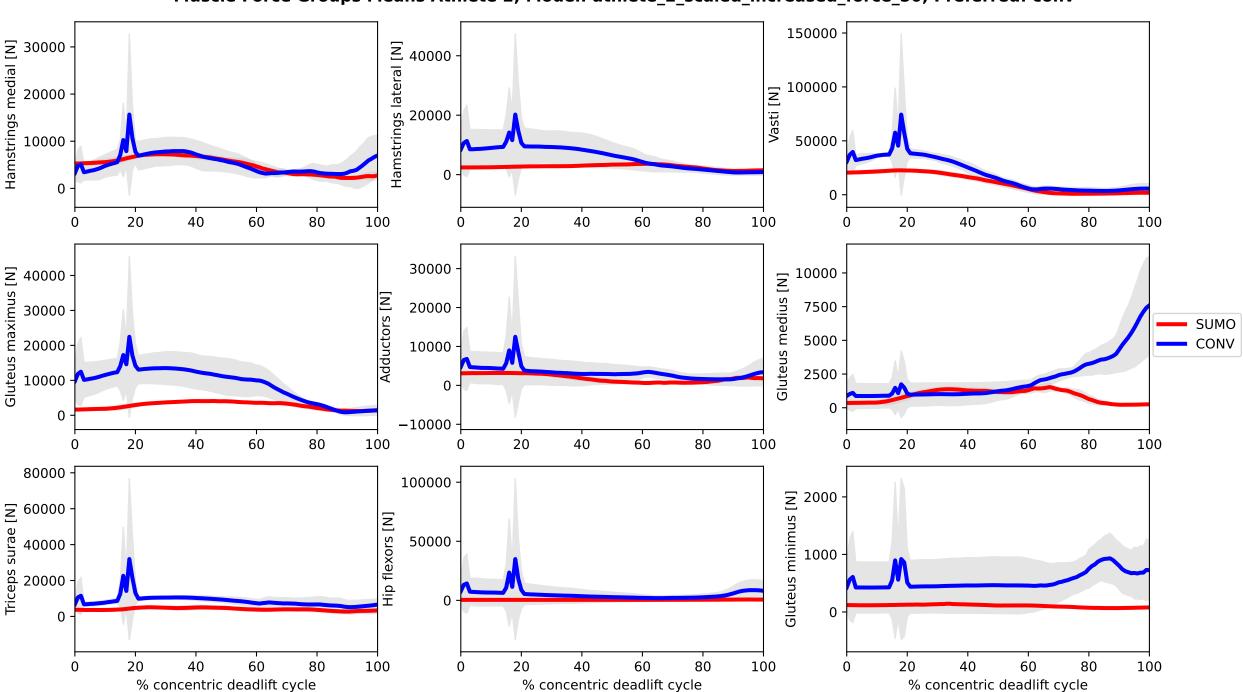
Joint Moments Means Athlete 2; Model: athlete_2_scaled_increased_force_50; Preferred: conv



Muscle Force Groups Athlete 2; Model: athlete_2_scaled_increased_force_50; Preferred: conv



Muscle Force Groups Means Athlete 2; Model: athlete_2_scaled_increased_force_50; Preferred: conv



Total Muscle Force Athlete 2; Model: athlete_2_scaled_increased_force_50; Preferred: conv SDL Trial 1 Trial 2 Mnscle force [N] 30000 - 200000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 200000 - 200000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20 Trial 3 —·- Trial 4 10000 -**CDL** Trial 1 ····· Trial 2 Muscle force [N] 400000 -200000 -Trial 3 --- Trial 4 % concentric deadlift cycle

Total Muscle Force Athlete 2; Model: athlete_2_scaled_increased_force_50; Preferred: conv **Total Muscle Forces** SDL CDL 6000 -Normalised Muscle Force [N/kg] 4000 2000 0 -20 80 40 60 100 % concentric deadlift cycle

Muscle Force Means Athlete 2

