## Biomechanical & Muscle Force Analysis Deadlift

Athlete: 0

Bodymass: 57.6 kg

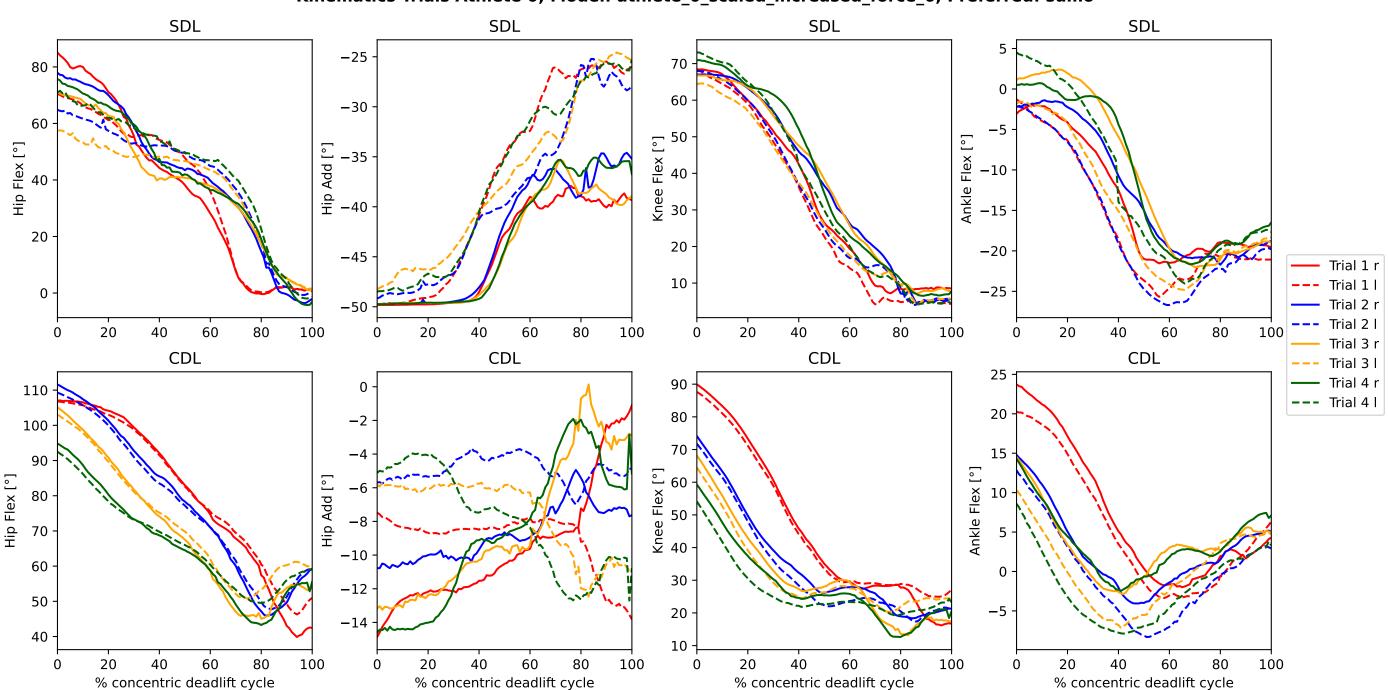
Preferred: sumo

Load: 87.5 kg

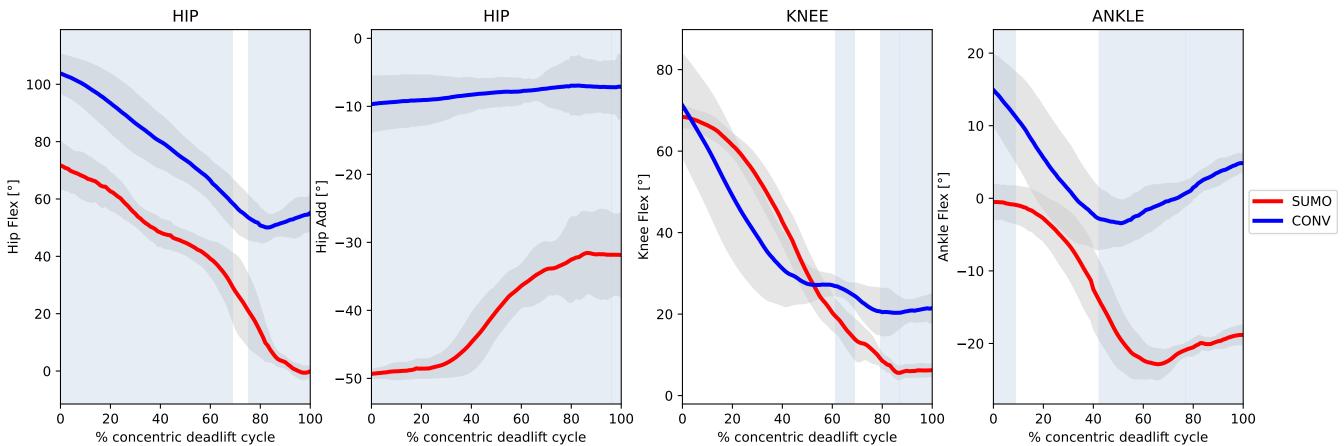
e1RM: 110 kg

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

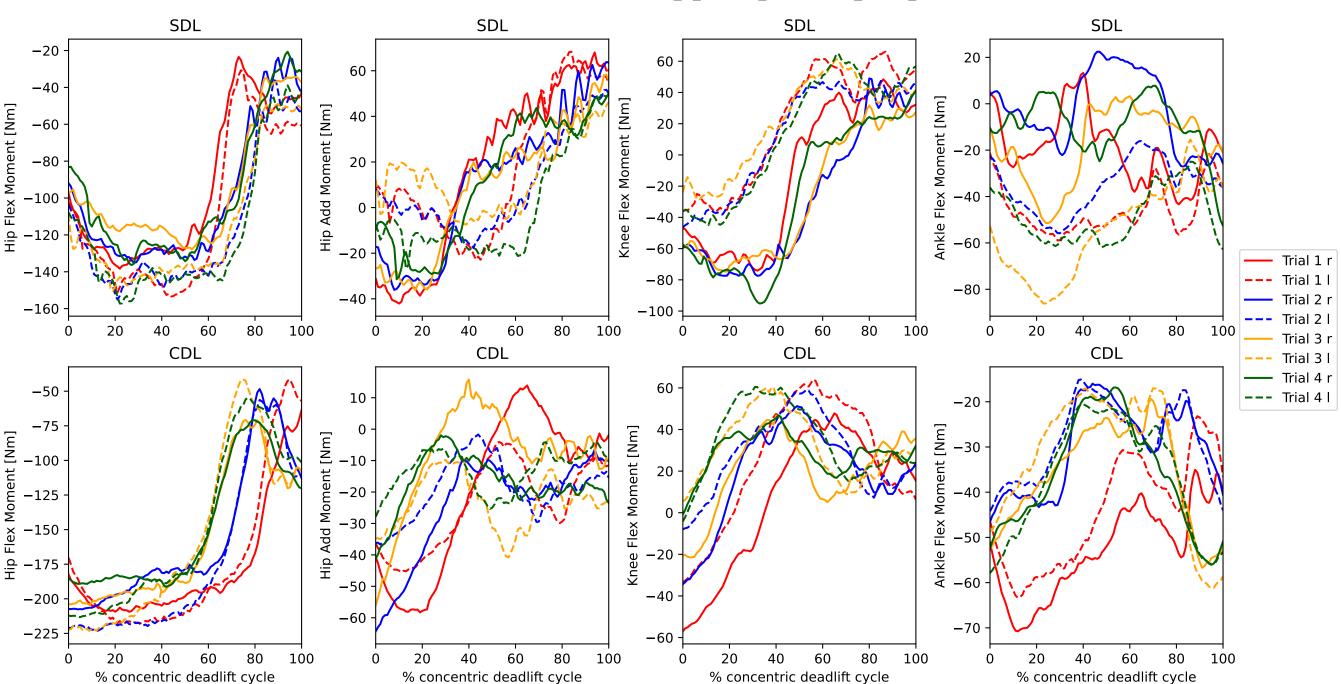
Kinematics Trials Athlete 0; Model: athlete\_0\_scaled\_increased\_force\_6; Preferred: sumo



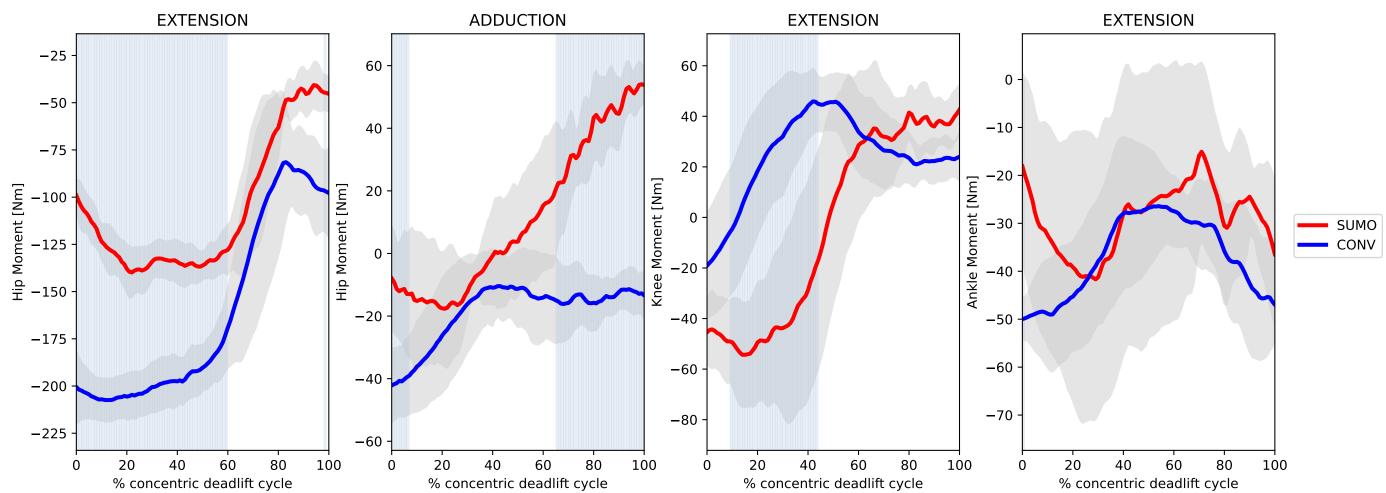
Kinematics Means Athlete 0; Model: athlete\_0\_scaled\_increased\_force\_6; Preferred: sumo



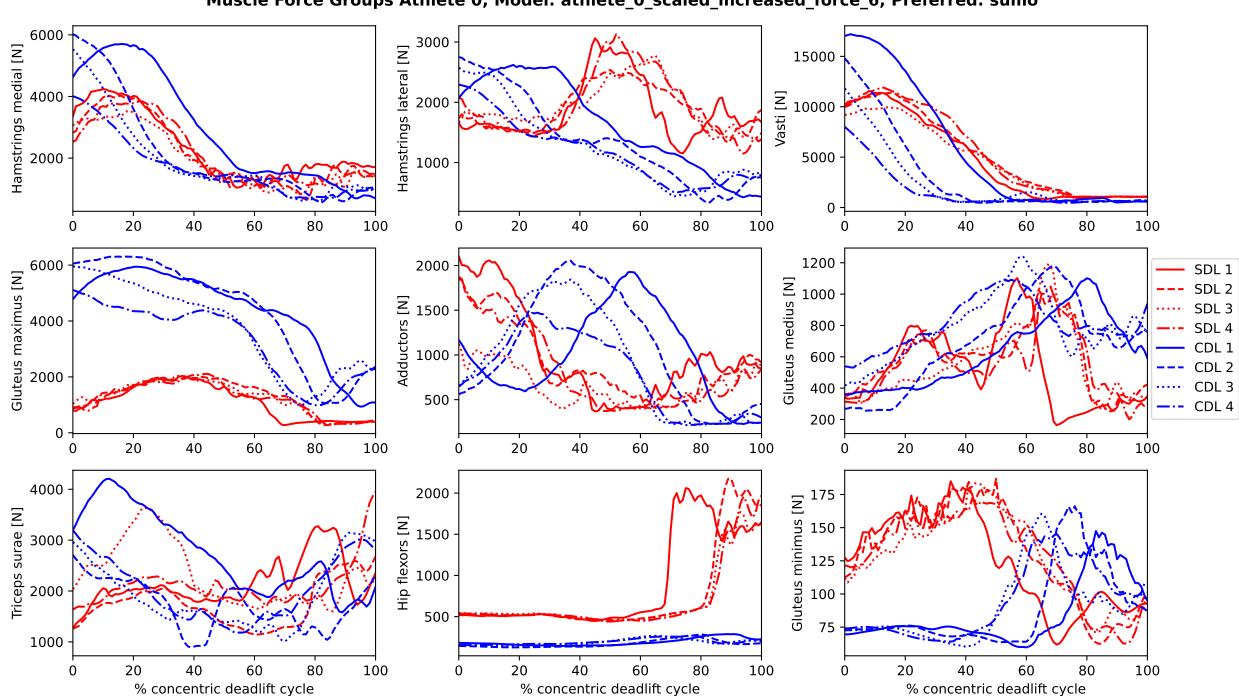
Joint Moments Trials Athlete 0; Model: athlete\_0\_scaled\_increased\_force\_6; Preferred: sumo



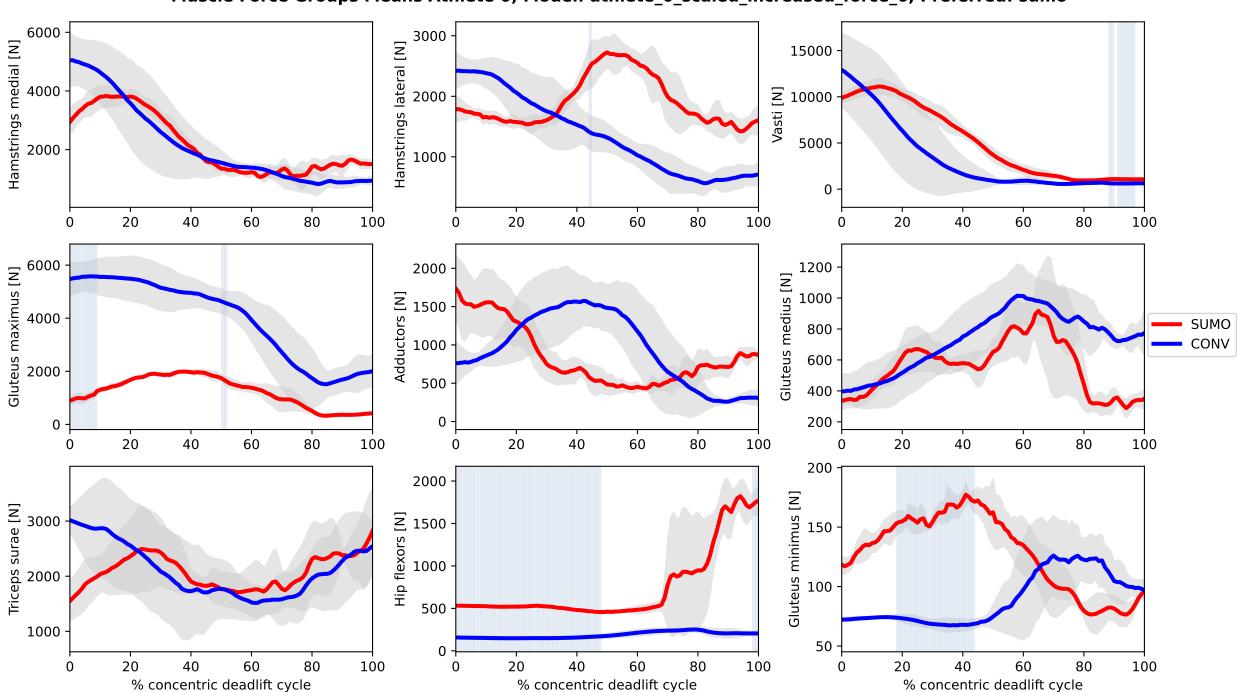
Joint Moments Means Athlete 0; Model: athlete\_0\_scaled\_increased\_force\_6; Preferred: sumo



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 25000 -Trial 1 22500 -Trial 2 N 20000 17500 15000 12500 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 600 -500 -300 -200 100 -20 80 40 60 100 % concentric deadlift cycle

