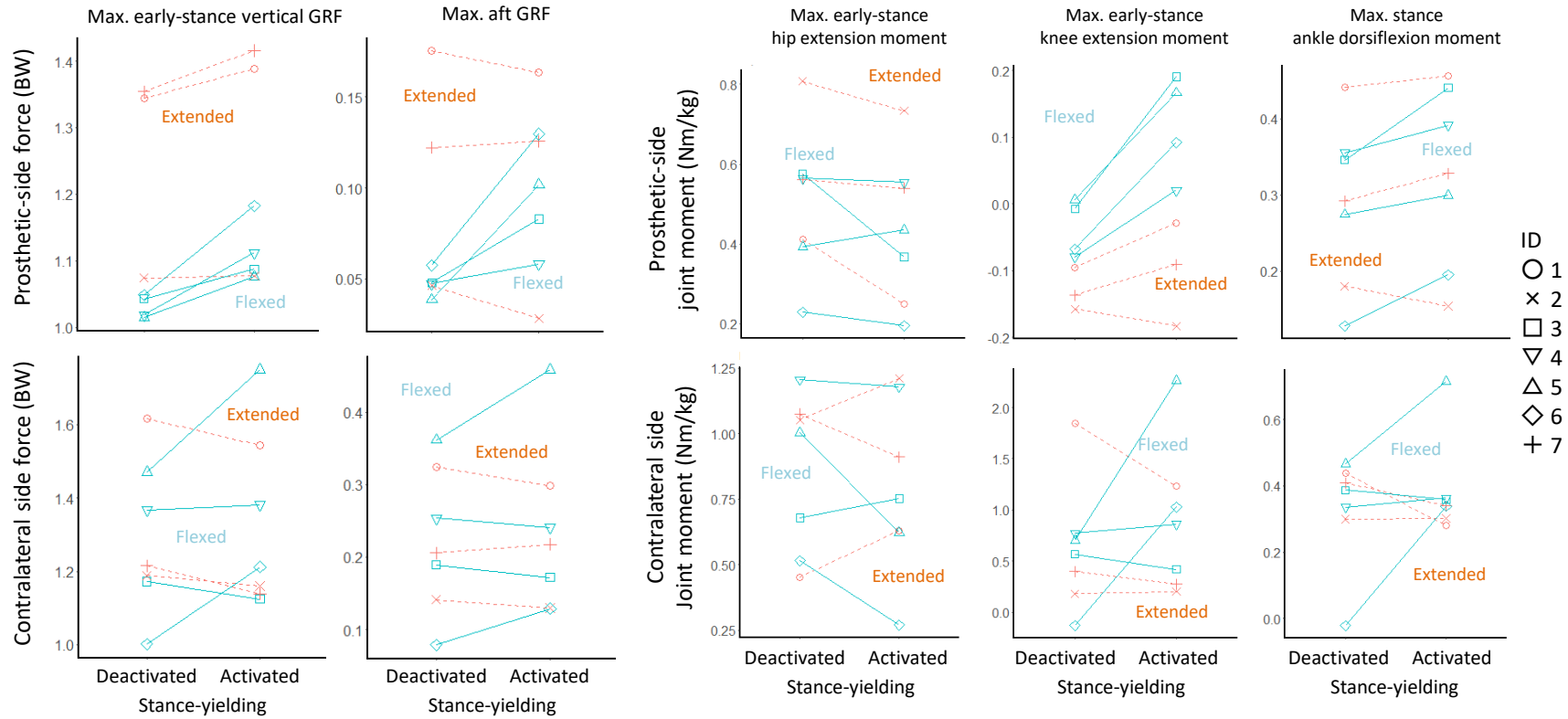


Supplementary Figure 1. Ground reaction forces and joint moment during a gait cycle. Bold solid lines indicate total subject mean, and thin solid lines indicate within-subject mean for the Activated condition. Bold dashed lines indicate total subject mean, and thin dashed lines indicate within-subject mean for the Deactivated condition. BW: body weight



Supplementary Figure 2. Early-stance peak values for ground reaction force and joint moment. Solid lines indicate those who flexed the prosthetic knee during early stance (Flexed), and dashed lines indicate those who did not (Extended) in the Activated condition. BW: body weight