

Supplementary Material – Figure Caption

Mean knee joint angles and external knee joint moments in the sagittal (a,d, Flex: Flexion, Ext: Extension), frontal (b,e, Abd: Abduction, Add: Adduction), and transverse (c,f, Ext: External Rotation, Int: Internal Rotation) planes for the direct kinematic (DK, solid line), inverse kinematic with a 3 degree of freedom knee (IK 3DoF, dashed line) and inverse kinematic with a 2 degree of freedom knee (IK 2DoF, blue) modelling approaches. Shaded areas indicate ± 1 standard deviation. All curves are normalised over the stance phase (%) of an unanticipated side-cut.

