

lumbar\_rotation arm\_flex  $\operatorname{arm\_add}$ 0.2 -0.2 angle (rad) angle (rad) angle (rad) 0.0 0.5 2.0 0.5 2.5 1.0 time (s) time (s) time (s) elbow\_flex pro\_sup arm\_rot angle (rad) 1.8 angle (rad) angle (rad) 0.0 -0.2 0.5 1.5 2.0 0.5 time (s) time (s) time (s) wrist\_flex wrist\_dev -0.0108 angle (rad) angle (rad) -0.010 -0.0110 -0.015

> 1.5 time (s)

1.0

-0.020

0.5

1.5 time (s) 2.0

0.5

run200\_ik.mot (right leg) run200\_ik.mot (left leg)