

lumbar_rotation arm_flex arm_add -0.1 0.2 angle (rad) angle (rad) angle (rad) -0.2 -0.4 -0.2 1.0 time (s) 0.5 0.5 1.5 2.0 1.0 2.0 time (s) time (s) elbow_flex arm_rot pro_sup angle (rad) 1.75 0.00 angle (rad) angle (rad) 2.0 -0.50 1.0 0.5 1.0 0.5 1.0 time (s) time (s) time (s) wrist_flex wrist_dev 1e-3 **-**4.0 angle (rad) angle (rad)

-4.5

-5.0

0.5

1.0

time (s)

2.0

1.5

0.5

1.0 time (s)

run500_ik.mot (right leg) run500_ik.mot (left leg)