

lumbar_rotation arm_flex arm_add -0.2 angle (rad) angle (rad) angle (rad) -0.4 -0.8 0.5 0.5 1.0 0.5 2.0 time (s) time (s) time (s) elbow_flex arm_rot pro_sup 2.50 angle (rad) 2.00 angle (rad) angle (rad) 0.0 1.75 -0.4 1.5 0.5 1.0 0.5 1.0 1.0 time (s) time (s) time (s) wrist_flex wrist_dev 0.04 angle (rad) angle (rad) 0.03 0.01

0.01

0.5

1.0 time (s)

0.5

1.0 time (s) run400_ik.mot (right leg) run400_ik.mot (left leg)