squats1_marker_errors.csv (right leg) squats1_marker_errors.csv (left leg) C7 .ASIS .PSIS 10 10 10 - RMSE = 3.26 cm --- RMSE = 2.44 cm --- RMSE = 2.33 cm error (cm) error (cm) error (cm) 0.0 0.0 0.0 10.0 10.0 10.0 time (s) time (s) time (s) _HJC 5meta _HJC_reg 10 10 10 **---** RMSE = 0.69 cm --- RMSE = 1.53 cm --- RMSE = 0.00 cm RMSE = 1.39 cmRMSE = 0.00 cmerror (cm) error (cm) error (cm) 6 4 0.0 10.0 10.0 5.0 10.0 0.0 time (s) time (s) time (s) _Shoulder _Sternum _ankle 10 10 10 --- RMSE = 1.11 cm RMSE = 2.89 cm**---** RMSE = 2.38 cm 8 8 RMSE = 2.93 cmRMSE = 2.04 cmerror (cm) error (cm) error (cm) 0.0 0.0 10.0 10.0 10.0 5.0 time (s) time (s) time (s) _elbow_lat _elbow_med _calc 10 10 10 --- RMSE = 1.96 cm **---** RMSE = 1.48 cm **---** RMSE = 1.00 cm 8 RMSE = 1.24 cm8 RMSE = 2.09 cmerror (cm) error (cm) error (cm) 10.0 10.0 10.0 time (s) time (s) time (s) forearm humerus knee 10 10 10 --- RMSE = 0.00 cm RMSE = 0.00 cm**---** RMSE = 2.29 cm 8 RMSE = 0.00 cm8 RMSE = 0.00 cm8 error (cm) error (cm) error (cm) 6 6 0.0 0.0 5.0 5.0 10.0

time (s)

time (s)

time (s)

squats1_marker_errors.csv (right leg) squats1_marker_errors.csv (left leg) _sh3 _sh2 _shank_antsup 10 10 10 --- RMSE = 0.65 cm --- RMSE = 1.12 cm --- RMSE = 1.22 cm error (cm) error (cm) error (cm) 6 0.0 0.0 10.0 10.0 10.0 time (s) time (s) time (s) _thigh1 _thigh2 _thigh3 10 10 10 --- RMSE = 1.94 cm --- RMSE = 1.54 cm --- RMSE = 1.72 cm error (cm) error (cm) error (cm) 10.0 time (s) time (s) time (s) thigh4 _wrist_radius _toe 10 10 10 **---** RMSE = 1.39 cm **---** RMSE = 0.93 cm **---** RMSE = 0.52 cm 8 RMSE = 0.71 cmerror (cm) error (cm) error (cm) 0.0 10.0 10.0 5.0 10.0 time (s) time (s) time (s) r.ASIS r.PSIS _wrist_ulna 10 10 10 RMSE = 0.56 cmRMSE = 2.80 cmRMSE = 2.10 cm8 8 RMSE = 0.94 cmerror (cm) error (cm) error (cm) 0.0 0.0 10.0 10.0 time (s) time (s) time (s) r 5meta r ankle r_calc 10 10 10 RMSE = 0.82 cmRMSE = 1.22 cmRMSE = 2.26 cm8 8 8 error (cm) error (cm) error (cm) 6 6 10.0 5.0 10.0

time (s)

time (s)

time (s)

squats1_marker_errors.csv (right leg)squats1_marker_errors.csv (left leg)

