squats1_marker_errors.csv (right leg) squats1_marker_errors.csv (left leg) C7 .ASIS .PSIS 10 10 10 - RMSE = 1.97 cm --- RMSE = 2.29 cm --- RMSE = 1.15 cm 8 error (cm) error (cm) error (cm) 6 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 = 0.76 cm --- RMSE = 1.06 cm --- RMSE = 0.00 cm RMSE = 0.90 cmRMSE = 0.00 cmerror (cm) error (cm) error (cm) 6 6 4 0.0 10.0 5.0 10.0 time (s) time (s) time (s) Shoulder _Sternum _ankle 10 10 10 RMSE = 2.06 cm**---** RMSE = 2.33 cm **---** RMSE = 1.54 cm 8 8 RMSE = 1.38 cmRMSE = 2.42 cmerror (cm) error (cm) error (cm) 0.0 0.0 10.0 10.0 10.0 time (s) time (s) time (s) _elbow_lat _elbow_med _calc 10 10 10 **---** RMSE = 4.16 cm **---** RMSE = 2.96 cm **---** RMSE = 4.23 cm 8 RMSE = 2.93 cmRMSE = 4.27 cmerror (cm) error (cm) error (cm) 0.0 0.0 0.0 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 = 3.82 cm 8 RMSE = 0.00 cm8 RMSE = 0.00 cm8 error (cm) error (cm) error (cm) 6 6 0.0 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 = 1.82 cm --- RMSE = 1.22 cm **---** RMSE = 1.76 cm 8 error (cm) error (cm) error (cm) 6 0.0 0.0 0.0 10.0 10.0 10.0 time (s) time (s) time (s) _thigh1 _thigh2 _thigh3 10 10 10 --- RMSE = 0.98 cm --- RMSE = 0.98 cm --- RMSE = 1.09 cm error (cm) error (cm) error (cm) 6 6 00.0 10.0 time (s) time (s) time (s) thigh4 _wrist_radius toe 10 10 10 **---** RMSE = 0.92 cm --- RMSE = 0.69 cm **---** RMSE = 0.71 cm 8 RMSE = 0.98 cmerror (cm) error (cm) error (cm) 10.0 10.0 10.0 time (s) time (s) time (s) r.ASIS r.PSIS _wrist_ulna 10 10 10 RMSE = 1.46 cmRMSE = 2.39 cmRMSE = 1.29 cm 8 8 RMSE = 1.48 cm8 error (cm) error (cm) error (cm) 0.0 10.0 10.0 time (s) time (s) time (s) r 5meta r ankle r_calc 10 10 10 RMSE = 0.63 cmRMSE = 1.45 cmRMSE = 2.53 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)

