squats1_marker_errors.csv (right leg) squats1_marker_errors.csv (left leg) C7 .ASIS .PSIS 10 10 10 - RMSE = 1.47 cm --- RMSE = 3.04 cm --- RMSE = 2.37 cm 8 8 error (cm) error (cm) error (cm) 2 0.0 0.0 0.0 10.0 5.0 10.0 10.0 time (s) time (s) time (s) _HJC 5meta _HJC_reg 10 10 10 --- RMSE = 0.76 cm **---** RMSE = 0.87 cm --- RMSE = 0.00 cm RMSE = 0.73 cm RMSE = 0.00 cm error (cm) error (cm) error (cm) 6 4 0.0 10.0 5.0 10.0 10.0 time (s) time (s) time (s) _Shoulder _Sternum _ankle 10 10 10 RMSE = 1.80 cm**---** RMSE = 2.42 cm **---** RMSE = 1.24 cm 8 8 RMSE = 2.26 cmRMSE = 2.97 cmerror (cm) error (cm) error (cm) 0.0 0.0 10.0 10.0 10.0 0.0 5.0 time (s) time (s) time (s) _elbow_lat _elbow_med _calc 10 10 10 **---** RMSE = 2.29 cm **---** RMSE = 1.95 cm **---** RMSE = 1.58 cm 8 RMSE = 1.96 cm8 RMSE = 2.08 cmerror (cm) error (cm) error (cm) 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 = 2.60 cm 8 RMSE = 0.00 cm8 8 RMSE = 0.00 cmerror (cm) error (cm) error (cm) 6 6 0.0 0.0 0.0 5.0 10.0 10.0

time (s)

time (s)

time (s)

squats1_marker_errors.csv (right leg) squats1_marker_errors.csv (left leg) _sh2 _sh3 _shank_antsup 10 10 10 --- RMSE = 1.22 cm --- RMSE = 0.99 cm --- RMSE = 1.57 cm 8 8 error (cm) error (cm) error (cm) 2 0.0 0.0 0.0 10.0 10.0 5.0 10.0 time (s) time (s) time (s) _thigh1 _thigh2 _thigh3 10 10 10 --- RMSE = 0.82 cm --- RMSE = 0.97 cm --- RMSE = 1.13 cm error (cm) error (cm) error (cm) 6 6 0.0 0.0 0.0 10.0 10.0 10.0 time (s) time (s) time (s) thigh4 _wrist_radius toe 10 10 10 **---** RMSE = 0.94 cm --- RMSE = 0.82 cm **---** RMSE = 0.49 cm 8 RMSE = 0.68 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 = 0.50 cmRMSE = 2.21 cmRMSE = 3.57 cm8 8 RMSE = 0.61 cm8 error (cm) error (cm) error (cm) 0.0 0.0 10.0 time (s) time (s) time (s) r 5meta r ankle r_calc 10 10 10 RMSE = 0.98 cmRMSE = 1.17 cmRMSE = 3.04 cm8 8 8 error (cm) error (cm) error (cm) 6 6 0.0 10.0 10.0 10.0

time (s)

time (s)

time (s)

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

