squats1_marker_errors.csv (right leg) squats1_marker_errors.csv (left leg) C7 .ASIS .PSIS 10 10 10 RMSE = 2.23 cm--- RMSE = 2.33 cm --- RMSE = 1.24 cm 8 8 error (cm) error (cm) error (cm) 0.0 0.0 0.0 5.0 10.0 15.0 5.0 10.0 15.0 5.0 10.0 15.0 time (s) time (s) time (s) _HJC 5meta _HJC_reg 10 10 10 --- RMSE = 2.21 cm RMSE = 1.33 cm--- RMSE = 0.00 cm RMSE = 1.03 cmRMSE = 0.00 cmerror (cm) error (cm) error (cm) 6 4 0.0 0.0 5.0 10.0 15.0 5.0 10.0 15.0 time (s) time (s) time (s) _Shoulder _Sternum _ankle 10 10 10 RMSE = 2.79 cmRMSE = 1.50 cm--- RMSE = 1.40 cm 8 8 RMSE = 3.01 cmRMSE = 1.65 cmerror (cm) error (cm) error (cm) 0.0 0.0 10.0 15.0 5.0 10.0 15.0 5.0 10.0 15.0 5.0 time (s) time (s) time (s) _elbow_lat _elbow_med _calc 10 10 10 **---** RMSE = 2.40 cm **---** RMSE = 1.66 cm --- RMSE = 1.66 cm 8 RMSE = 2.14 cm8 RMSE = 1.81 cmerror (cm) error (cm) error (cm) 0.0 0.0 15.0 5.0 10.0 15.0 10.0 10.0 15.0 time (s) time (s) time (s) forearm humerus knee 10 10 10 RMSE = 0.00 cmRMSE = 0.00 cm**---** RMSE = 2.82 cm 8 RMSE = 0.00 cm8 8 RMSE = 0.00 cmerror (cm) error (cm) error (cm) 6 6 0.0 0.0 10.0 15.0 10.0 15.0 10.0 15.0

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 = 1.05 cm --- RMSE = 0.97 cm --- RMSE = 0.80 cm 8 8 error (cm) error (cm) error (cm) 6 0.0 0.0 10.0 15.0 5.0 10.0 15.0 5.0 10.0 15.0 time (s) time (s) time (s) _thigh1 _thigh2 _thigh3 10 10 10 --- RMSE = 1.64 cm --- RMSE = 1.21 cm --- RMSE = 1.22 cm error (cm) error (cm) error (cm) 6 6 0.0 0.0 0.0 5.0 10.0 15.0 5.0 10.0 15.0 time (s) time (s) time (s) _thigh4 _wrist_radius toe 10 10 10 **---** RMSE = 0.90 cm --- RMSE = 1.17 cm RMSE = 0.34 cm8 8 RMSE = 0.96 cmerror (cm) error (cm) error (cm) 6 15.0 10.0 10.0 10.0 5.0 5.0 time (s) time (s) time (s) r.ASIS r.PSIS _wrist_ulna 10 10 10 RMSE = 0.46 cmRMSE = 1.75 cmRMSE = 0.64 cm8 8 RMSE = 0.66 cm8 error (cm) error (cm) error (cm) 0.0 10.0 15.0 10.0 5.0 10.0 15.0 time (s) time (s) time (s) r 5meta r ankle r_calc 10 10 10 RMSE = 1.90 cmRMSE = 1.50 cmRMSE = 2.46 cm8 8 8 error (cm) error (cm) error (cm)

0.0

5.0

10.0

time (s)

15.0

6

10.0

time (s)

15.0

15.0

6

5.0

10.0

time (s)

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

