squats1_marker_errors.csv (right leg) squats1_marker_errors.csv (left leg) C7 .ASIS .PSIS 10 10 10 RMSE = 2.55 cm--- RMSE = 2.20 cm --- RMSE = 2.20 cm error (cm) error (cm) error (cm) 0.0 0.0 0.0 2.0 4.0 6.0 8.0 2.0 4.0 6.0 8.0 2.0 4.0 6.0 8.0 time (s) time (s) time (s) _HJC 5meta _HJC_reg 10 10 10 **---** RMSE = 1.67 cm RMSE = 1.48 cm--- RMSE = 0.00 cm RMSE = 1.58 cmRMSE = 0.00 cmerror (cm) error (cm) error (cm) 6 0.0 0.0 2.0 2.0 4.0 4.0 0.0 6.0 8.0 4.0 time (s) time (s) time (s) _Shoulder _Sternum _ankle 10 10 10 **---** RMSE = 2.16 cm RMSE = 1.76 cm**---** RMSE = 0.90 cm 8 RMSE = 1.93 cmRMSE = 1.49 cmerror (cm) error (cm) error (cm) 0.0 0.0 2.0 4.0 6.0 4.0 8.0 4.0 time (s) time (s) time (s) _elbow_lat _elbow_med _calc 10 10 10 --- RMSE = 1.65 cm **---** RMSE = 2.47 cm **---** RMSE = 1.41 cm 8 RMSE = 1.00 cm8 RMSE = 2.25 cmerror (cm) error (cm) error (cm) 0.0 2.0 4.0 6.0 2.0 4.0 6.0 2.0 4.0 6.0 time (s) time (s) time (s) forearm humerus knee 10 10 10 **---** RMSE = 0.00 cm RMSE = 0.00 cm--- RMSE = 1.94 cm 8 RMSE = 0.00 cm8 RMSE = 0.00 cm8 error (cm) error (cm) error (cm) 6 6 0.0 0.0 2.0 4.0 2.0 4.0 2.0 4.0

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 = 1.16 cm --- RMSE = 0.84 cm --- RMSE = 0.70 cm 8 8 8 error (cm) error (cm) error (cm) 6 0.0 0.0 0.0 2.0 6.0 2.0 4.0 6.0 2.0 4.0 6.0 time (s) time (s) time (s) _thigh1 _thigh2 _thigh3 10 10 10 **---** RMSE = 0.87 cm **---** RMSE = 0.85 cm --- RMSE = 0.74 cm error (cm) error (cm) error (cm) 6 6 0.0 0.0 0.0 2.0 6.0 2.0 4.0 4.0 time (s) time (s) time (s) _thigh4 _wrist_radius _toe 10 10 10 **---** RMSE = 0.72 cm **---** RMSE = 1.30 cm **---** RMSE = 0.68 cm 8 RMSE = 0.99 cmerror (cm) error (cm) error (cm) 0.0 4.0 2.0 4.0 6.0 6.0 8.0 time (s) time (s) time (s) r.ASIS r.PSIS _wrist_ulna 10 10 10 **---** RMSE = 0.90 cm RMSE = 2.02 cmRMSE = 1.65 cm8 RMSE = 0.78 cm8 8 error (cm) error (cm) error (cm) 0.0 2.0 6.0 2.0 4.0 6.0 2.0 6.0 time (s) time (s) time (s) r 5meta r ankle r_calc 10 10 10 RMSE = 1.11 cmRMSE = 1.43 cmRMSE = 1.48 cm8 8 8 error (cm) error (cm) error (cm) 6 6 2.0 4.0 2.0 4.0 4.0

time (s)

time (s)

time (s)

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

