walking1_marker_errors.csv (right leg) walking1_marker_errors.csv (left leg) **C7** .ASIS .PSIS 10 10 10 - RMSE = 4.96 cm --- RMSE = 2.22 cm --- RMSE = 1.60 cm error (cm) error (cm) error (cm) 0.5 1.0 0.5 1.0 0.5 1.0 time (s) time (s) time (s) _HJC 5meta _HJC_reg 10 10 10 **---** RMSE = 1.46 cm --- RMSE = 1.01 cm **---** RMSE = 0.00 cm RMSE = 1.20 cm- RMSE = 0.00 cmerror (cm) error (cm) error (cm) 6 4 1.0 0.5 0.5 1.0 1.0 time (s) time (s) time (s) _Shoulder _Sternum _ankle 10 10 10 --- RMSE = 1.04 cm **---** RMSE = 3.31 cm --- RMSE = 1.63 cm 8 RMSE = 2.16 cmRMSE = 0.88 cmerror (cm) error (cm) error (cm) 0.5 1.0 0.5 1.0 1.0 time (s) time (s) time (s) _elbow_lat _elbow_med _calc 10 10 10 **---** RMSE = 1.93 cm --- RMSE = 2.80 cm --- RMSE = 1.91 cm 8 RMSE = 1.90 cm8 RMSE = 1.86 cmerror (cm) error (cm) error (cm) 0.5 1.0 0.5 time (s) time (s) time (s) forearm humerus knee 10 10 10 RMSE = 0.00 cm--- RMSE = 0.00 cm **---** RMSE = 2.04 cm 8 RMSE = 0.00 cmRMSE = 0.00 cm8 error (cm) error (cm) error (cm) 6

0.5

time (s)

1.0

time (s)

0.5

time (s)

walking1_marker_errors.csv (right leg) walking1_marker_errors.csv (left leg) _sh2 sh3 _shank_antsup 10 10 10 **---** RMSE = 2.06 cm --- RMSE = 1.46 cm --- RMSE = 1.19 cm error (cm) error (cm) error (cm) 6 0.5 1.0 0.5 1.0 0.5 1.0 time (s) time (s) time (s) _thigh1 _thigh2 _thigh3 10 10 10 --- RMSE = 1.62 cm --- RMSE = 1.40 cm --- RMSE = 1.39 cm error (cm) error (cm) error (cm) 6 1.0 1.0 0.5 1.0 time (s) time (s) time (s) _thigh4 _wrist_radius _toe 10 10 10 **---** RMSE = 1.35 cm **---** RMSE = 1.22 cm **---** RMSE = 0.63 cm 8 RMSE = 1.54 cmerror (cm) error (cm) error (cm) 0.5 1.0 0.5 1.0 1.0 time (s) time (s) time (s) r.ASIS r.PSIS _wrist_ulna 10 10 10 **---** RMSE = 1.10 cm RMSE = 2.11 cmRMSE = 1.38 cm8 8 RMSE = 2.00 cm8 error (cm) error (cm) error (cm) 4 0.5 1.0 0.5 1.0 time (s) time (s) time (s) r 5meta r ankle r_calc 10 10 10 RMSE = 0.96 cmRMSE = 1.84 cmRMSE = 1.78 cm8 8 8 error (cm) error (cm) error (cm) 6 6 4

0.5

time (s)

time (s)

1.0

time (s)

walking1_marker_errors.csv (right leg)walking1_marker_errors.csv (left leg)

