walking1\_marker\_errors.csv (right leg) walking1\_marker\_errors.csv (left leg) **C7** .ASIS .PSIS 10 10 10 - RMSE = 3.04 cm --- RMSE = 3.28 cm --- RMSE = 1.60 cm error (cm) error (cm) error (cm) 4 2 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 = 1.57 cm --- RMSE = 1.31 cm --- RMSE = 0.00 cm RMSE = 1.37 cmRMSE = 0.00 cm error (cm) error (cm) error (cm) 6 4 1.0 1.0 0.5 time (s) time (s) time (s) Shoulder \_Sternum \_ankle 10 10 10 **---** RMSE = 1.86 cm **---** RMSE = 2.49 cm **---** RMSE = 1.39 cm 8 RMSE = 2.18 cmRMSE = 2.39 cmerror (cm) error (cm) error (cm) 4 1.0 1.0 1.0 time (s) time (s) time (s) \_elbow\_lat \_elbow\_med \_calc 10 10 10 **---** RMSE = 1.95 cm **---** RMSE = 2.58 cm **---** RMSE = 1.90 cm RMSE = 2.72 cmRMSE = 1.71 cmerror (cm) error (cm) error (cm) 0.5 1.0 1.0 time (s) time (s) time (s) forearm humerus knee 10 10 10 --- RMSE = 0.00 cm --- RMSE = 0.00 cm --- RMSE = 2.19 cm 8 RMSE = 0.00 cmRMSE = 0.00 cm8 error (cm) error (cm) error (cm)

0.5

time (s)

1.0

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 = 1.85 cm --- RMSE = 1.67 cm --- RMSE = 1.02 cm error (cm) error (cm) error (cm) 6 4 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 = 2.14 cm --- RMSE = 2.78 cm --- RMSE = 1.81 cm error (cm) error (cm) error (cm) 0.5 1.0 1.0 1.0 time (s) time (s) time (s) \_thigh4 \_wrist\_radius \_toe 10 10 10 --- RMSE = 1.21 cm **---** RMSE = 2.42 cm **---** RMSE = 0.83 cm 8 RMSE = 1.13 cmerror (cm) error (cm) error (cm) 2 1.0 1.0 0.5 1.0 time (s) time (s) time (s) r.ASIS r.PSIS \_wrist\_ulna 10 10 10 **---** RMSE = 0.81 cm RMSE = 1.92 cmRMSE = 1.52 cm8 8 RMSE = 0.93 cm8 error (cm) error (cm) error (cm) 1.0 0.5 time (s) time (s) time (s) r 5meta r ankle r\_calc 10 10 10 RMSE = 1.58 cm RMSE = 1.47 cmRMSE = 1.87 cm8 8 8 error (cm) error (cm) error (cm) 6 2

0.5

time (s)

time (s)

1.0

time (s)

walking1\_marker\_errors.csv (right leg)walking1\_marker\_errors.csv (left leg)

