walking3\_marker\_errors.csv (right leg) walking3\_marker\_errors.csv (left leg) **C7** .ASIS .PSIS 10 10 10 - RMSE = 3.65 cm --- RMSE = 3.15 cm --- RMSE = 1.63 cm error (cm) error (cm) error (cm) 4 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 = 1.67 cm **---** RMSE = 1.30 cm **---** RMSE = 0.00 cm - RMSE = 1.18 cm - RMSE = 0.00 cm error (cm) error (cm) error (cm) 6 4 1.0 1.0 0.5 1.0 time (s) time (s) time (s) \_Shoulder Sternum \_ankle 10 10 10 **---** RMSE = 1.87 cm **---** RMSE = 2.50 cm **---** RMSE = 1.28 cm 8 RMSE = 2.13 cmRMSE = 2.34 cmerror (cm) error (cm) error (cm) 1.0 0.5 1.0 1.0 time (s) time (s) time (s) \_elbow\_lat \_elbow\_med \_calc 10 10 10 --- RMSE = 1.79 cm **---** RMSE = 2.56 cm **---** RMSE = 1.66 cm RMSE = 2.54 cm8 RMSE = 1.95 cmerror (cm) error (cm) error (cm) 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 = 2.26 cm 8 RMSE = 0.00 cmRMSE = 0.00 cm8 error (cm) error (cm) error (cm) 0.5 1.0 1.0

time (s)

time (s)

time (s)

walking3\_marker\_errors.csv (right leg) walking3\_marker\_errors.csv (left leg) \_sh2 sh3 \_shank\_antsup 10 10 10 --- RMSE = 1.88 cm --- RMSE = 1.73 cm --- RMSE = 1.02 cm error (cm) error (cm) error (cm) 6 4 2 2 2 1.0 0.5 1.0 0.5 1.0 time (s) time (s) time (s) \_thigh1 \_thigh2 thigh3 10 10 10 --- RMSE = 2.33 cm --- RMSE = 3.03 cm --- RMSE = 2.19 cm error (cm) error (cm) error (cm) 2 1.0 0.5 1.0 1.0 time (s) time (s) time (s) \_thigh4 \_wrist\_radius \_toe 10 10 10 **---** RMSE = 2.74 cm **---** RMSE = 1.05 cm **---** RMSE = 0.88 cm 8 RMSE = 0.96 cmerror (cm) error (cm) error (cm) 1.0 1.0 1.0 0.5 time (s) time (s) time (s) r.ASIS r.PSIS \_wrist\_ulna 10 10 10 RMSE = 0.84 cmRMSE = 2.28 cmRMSE = 1.55 cm8 RMSE = 0.89 cm8 8 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 = 1.48 cm RMSE = 1.79 cmRMSE = 1.74 cm8 8 8 error (cm) error (cm) error (cm) 6 6 4 0.5 0.5 1.0 0.5

time (s)

time (s)

time (s)

walking3\_marker\_errors.csv (right leg)walking3\_marker\_errors.csv (left leg)

