squats1\_marker\_errors.csv (right leg) squats1\_marker\_errors.csv (left leg) C7 .ASIS .PSIS 10 10 10 - RMSE = 1.22 cm **---** RMSE = 2.73 cm **---** RMSE = 1.78 cm 8 8 error (cm) error (cm) error (cm) 6 2 0.0 0.0 0.0 10.0 5.0 10.0 10.0 time (s) time (s) time (s) \_HJC 5meta \_HJC\_reg 10 10 10 **---** RMSE = 0.81 cm **---** RMSE = 0.74 cm **---** RMSE = 0.00 cm RMSE = 0.73 cmRMSE = 0.00 cmerror (cm) error (cm) error (cm) 6 4 0.0 10.0 10.0 5.0 ົດດ 10.0 time (s) time (s) time (s) \_Shoulder \_Sternum \_ankle 10 10 10 RMSE = 1.89 cm--- RMSE = 1.53 cm **---** RMSE = 1.32 cm 8 8 RMSE = 2.45 cmRMSE = 1.61 cmerror (cm) error (cm) error (cm) 0.0 0.0 10.0 10.0 10.0 time (s) time (s) time (s) \_elbow\_lat \_elbow\_med \_calc 10 10 10 **---** RMSE = 2.18 cm **---** RMSE = 1.96 cm --- RMSE = 1.47 cm 8 RMSE = 2.01 cm8 RMSE = 1.76 cmerror (cm) error (cm) error (cm) 0.0 0.0 10.0 5.0 10.0 10.0 time (s) time (s) time (s) forearm humerus knee 10 10 10 **---** RMSE = 0.00 cm **---** RMSE = 0.00 cm **---** RMSE = 3.22 cm 8 RMSE = 0.00 cm8 8 RMSE = 0.00 cmerror (cm) error (cm) error (cm) 6 6 0.0 0.0 0.0 5.0 5.0 10.0

time (s)

time (s)

time (s)

squats1\_marker\_errors.csv (right leg) squats1\_marker\_errors.csv (left leg) \_sh3 \_sh2 \_shank\_antsup 10 10 10 **---** RMSE = 1.87 cm --- RMSE = 1.53 cm --- RMSE = 0.89 cm 8 error (cm) error (cm) error (cm) 6 0.0 0.0 0.0 10.0 10.0 5.0 10.0 time (s) time (s) time (s) \_thigh1 \_thigh2 \_thigh3 10 10 10 **---** RMSE = 1.78 cm **---** RMSE = 1.97 cm --- RMSE = 1.57 cm error (cm) error (cm) error (cm) 6 0.0 0.0 0.0 5.0 10.0 5.0 10.0 10.0 time (s) time (s) time (s) \_thigh4 \_wrist\_radius \_toe 10 10 10 **---** RMSE = 2.11 cm **---** RMSE = 1.12 cm **---** RMSE = 0.66 cm 8 RMSE = 0.68 cmerror (cm) error (cm) error (cm) 0.0 10.0 10.0 10.0 5.0 time (s) time (s) time (s) r.ASIS r.PSIS \_wrist\_ulna 10 10 10 RMSE = 0.53 cmRMSE = 1.92 cm RMSE = 1.23 cm 8 8 RMSE = 0.58 cm8 error (cm) error (cm) error (cm) 0.0 0.0 10.0 10.0 10.0 time (s) time (s) time (s) r 5meta r ankle r\_calc 10 10 10 RMSE = 0.74 cmRMSE = 1.53 cmRMSE = 2.27 cm8 8 8 error (cm) error (cm) error (cm) 6 6 0.0 10.0 5.0 10.0

time (s)

time (s)

time (s)

squats1\_marker\_errors.csv (right leg)squats1\_marker\_errors.csv (left leg)

