Joints Averages over Parallel, 45° and 90° apart Kinects averaged over the Stationary, Steps, and Walk Tasks 25 Δ x $\Delta \; \mathbf{z}$ $\Delta \; \mathrm{d}$ 20 Distance (cm) 15 10 5 **HipLeft** Head Neck SpineMid WristLeft WristRight AnkleLeft AnkleRight FootLeft **FootRight** HandLeft HandRight HandTipLeft HandTipRight **HipRight** KneeLeft KneeRight ShoulderLeft ShoulderRight SpineBase SpineShoulder ThumbLeft ElbowLeft ElbowRight ThumbRight Joint Types