



Figure 3—figure supplement 3. Impact of the Muscle Activations Term on the Speed-Accuracy Tradeoff. Predicted movement duration to a target in a reaching task when varying the target size without the muscle activation term in Eq. 1. The x-axis is the index of difficulty of the reaching movement. We use CMA-ES with 20 iterations and 20 samples to generate the trajectories. We see that the model's mean predictions are still in close agreement with Fitts' law ($R^2 = 0.955$), which indicates that the muscle activations term alone is not sufficient to explain the speed-accuracy tradeoff. The vertical bars are one standard deviation from the mean.