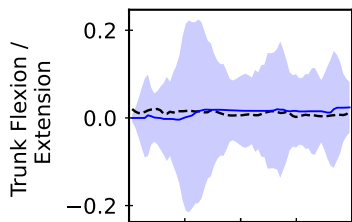


**(I) Subject-exposed**

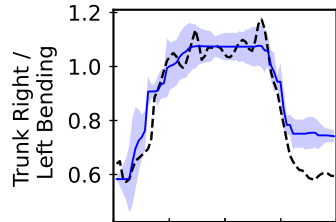
--- MSK      — GRU prediction

**(II) Subject-naïve**

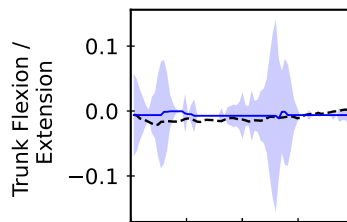
(a)  $r: -0.49$ , NRMSE: 0.39, SNR: 12.0



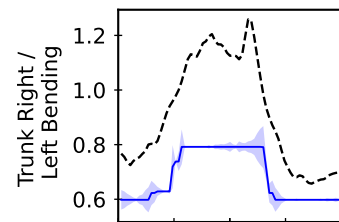
(b)  $r: 0.95$ , NRMSE: 0.32, SNR: 34.5



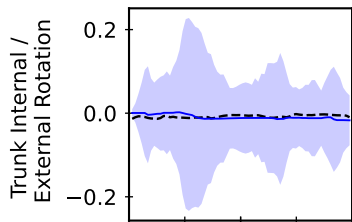
(a)  $r: -0.14$ , NRMSE: 0.27, SNR: 14.2



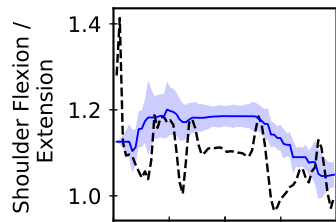
(b)  $r: 0.96$ , NRMSE: 1.01, SNR: 39.5



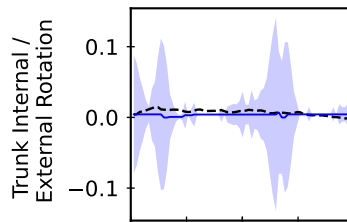
(c)  $r: -0.47$ , NRMSE: 0.40, SNR: 12.5



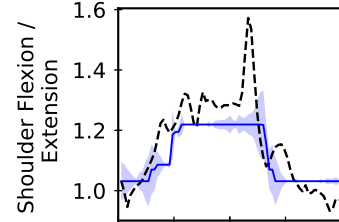
(d)  $r: 0.37$ , NRMSE: 0.40, SNR: 42.8



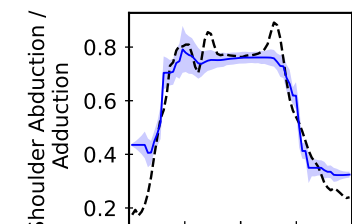
(c)  $r: -0.28$ , NRMSE: 0.28, SNR: 12.6



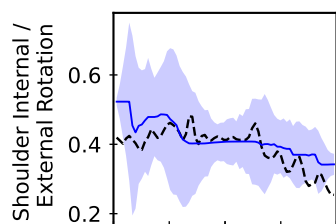
(d)  $r: 0.86$ , NRMSE: 0.43, SNR: 41.7



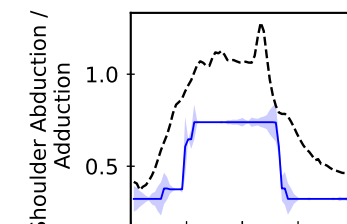
(e)  $r: 0.94$ , NRMSE: 0.31, SNR: 34.5



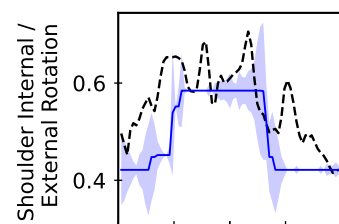
(f)  $r: 0.62$ , NRMSE: 0.39, SNR: 28.3



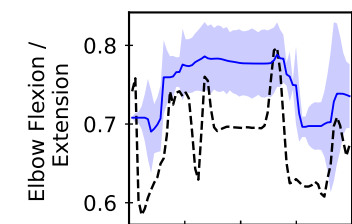
(e)  $r: 0.92$ , NRMSE: 1.03, SNR: 31.0



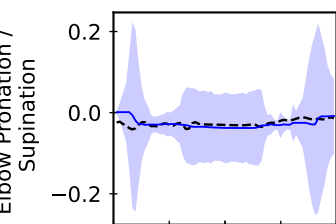
(f)  $r: 0.69$ , NRMSE: 0.67, SNR: 37.2



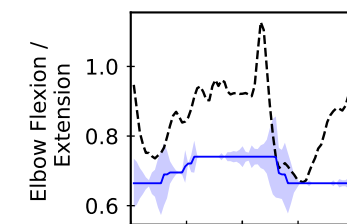
(g)  $r: 0.67$ , NRMSE: 0.60, SNR: 42.7



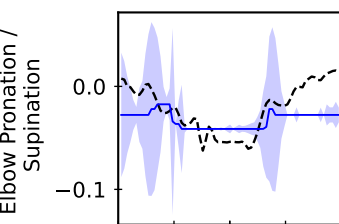
(h)  $r: 0.23$ , NRMSE: 0.34, SNR: 18.5



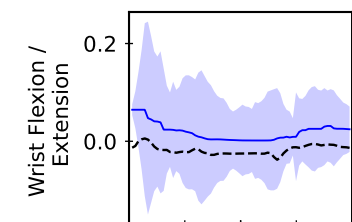
(g)  $r: 0.68$ , NRMSE: 1.31, SNR: 42.4



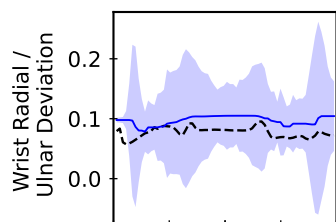
(h)  $r: 0.74$ , NRMSE: 0.62, SNR: 28.1



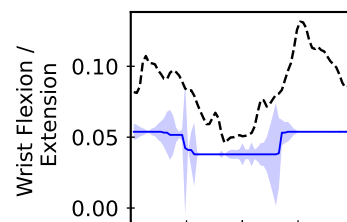
(i)  $r: 0.78$ , NRMSE: 0.95, SNR: 16.8



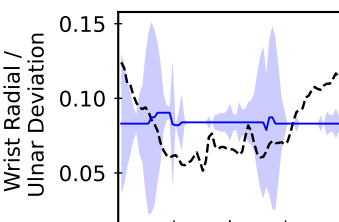
(j)  $r: 0.36$ , NRMSE: 0.67, SNR: 31.8



(i)  $r: 0.84$ , NRMSE: 1.01, SNR: 37.7



(j)  $r: -0.26$ , NRMSE: 0.64, SNR: 39.4



0% 25% 50% 75% 100%

% of task completion

0% 25% 50% 75% 100%

% of task completion

0% 25% 50% 75% 100%

% of task completion

0% 25% 50% 75% 100%

% of task completion