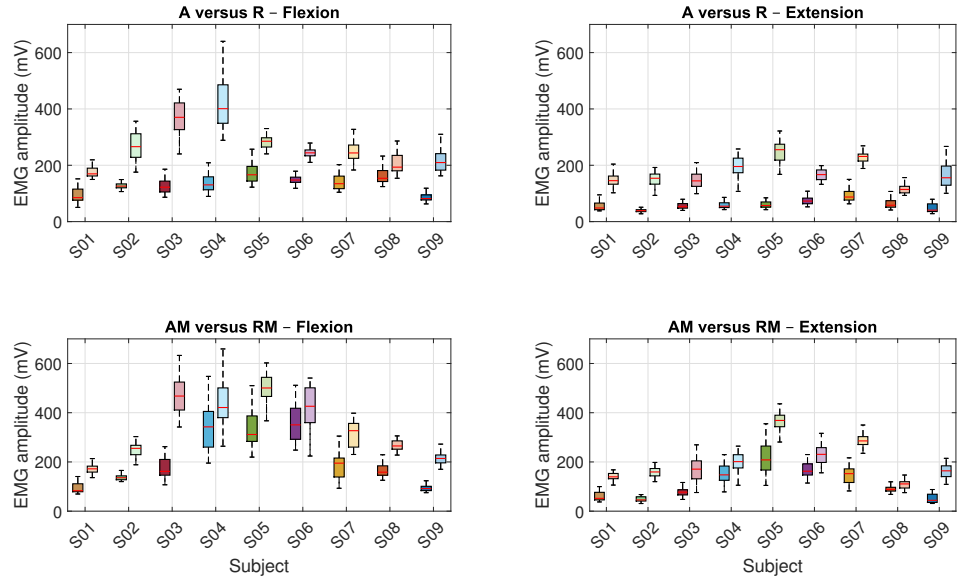
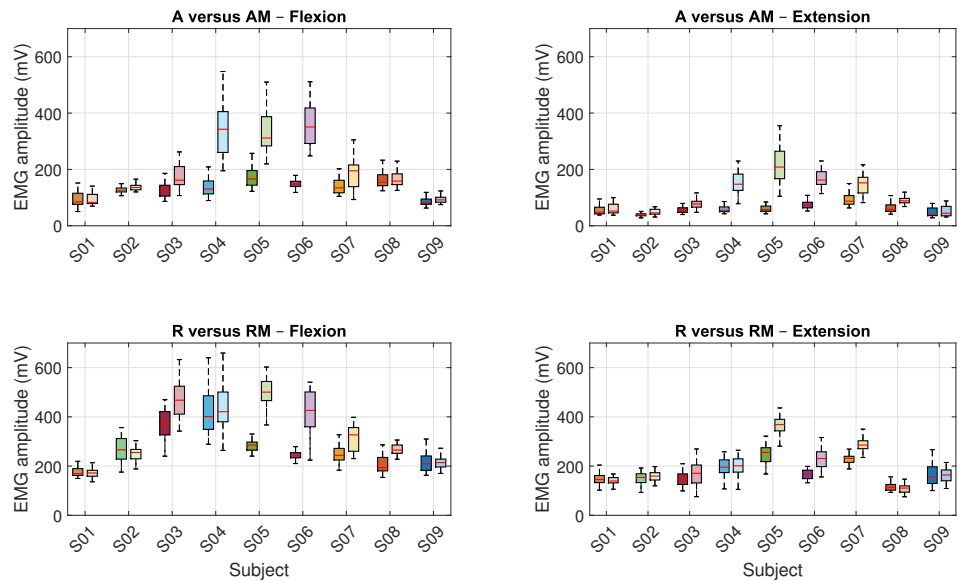


Supplementary Materials: Measuring Sensorimotor Rhythms during Active and Resistive Upper-Limb Movement Execution



(a) EMG envelope distributions without voluntary SMR modulation (top) and with voluntary SMR modulation (bottom), separately for elbow flexion (left) and extension (right). For each participant, the boxplots show trial-level EMG envelopes under active (darker color) and resistive (lighter color) conditions.



(b) EMG envelope distributions under active (top) and resistive (bottom) conditions, separately for elbow flexion (left) and extension (right). For each participant, the boxplots show trial-level EMG envelopes without voluntary SMR modulation (darker color) and with voluntary SMR modulation (lighter color).

Figure S1. Subject-level comparison of EMG envelope distributions across the experimental conditions. Panel (a) compares active and resistive movements without and with voluntary SMR modulation. Panel (b) compares movements performed without and with voluntary SMR modulation under active and resistive conditions.