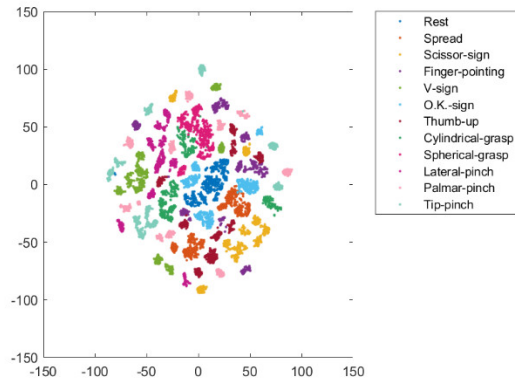
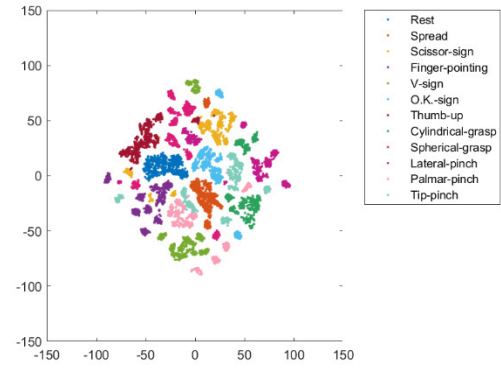


## Supplementary Materials

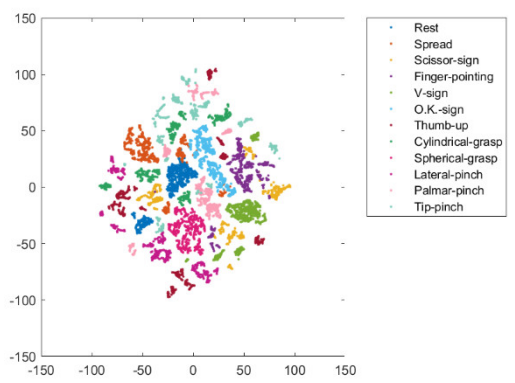


(a)

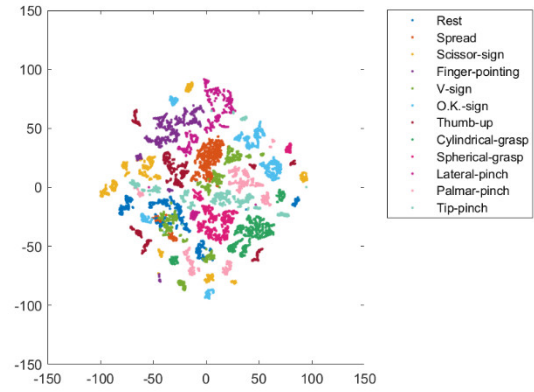


(b)

**Figure S1.** t-SNE visualization of variability in the sEMG signals of a healthy adult (subject 2) (a) Day 1, (b) Day 2.

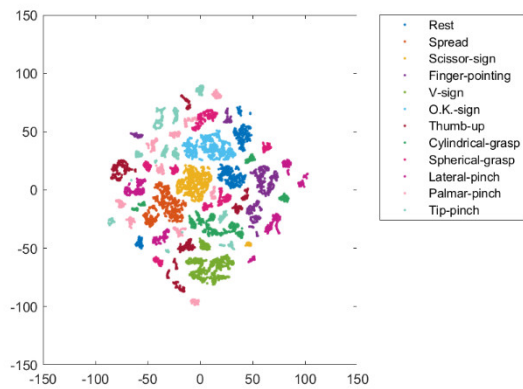


(a)

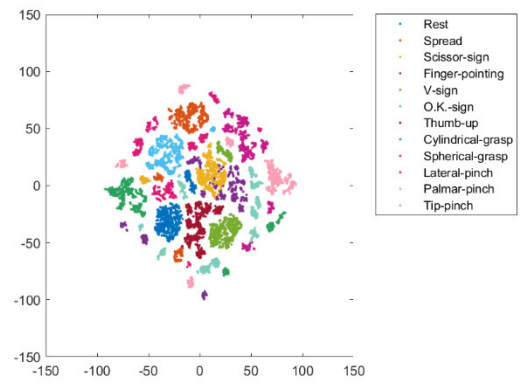


(b)

**Figure S2.** t-SNE visualization of variability in the sEMG signals of a healthy adult (subject 3) (a) Day 1, (b) Day 2.

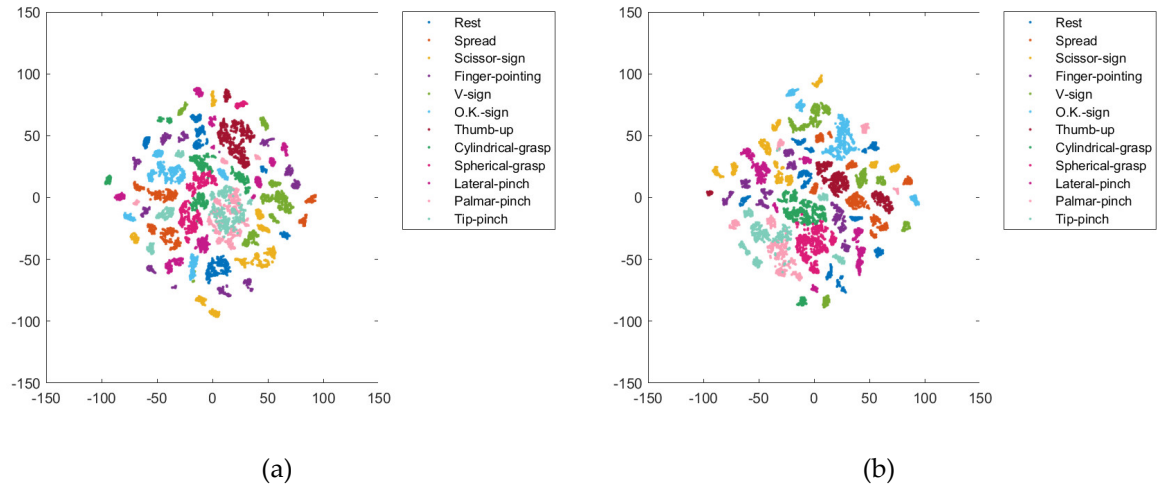


(a)

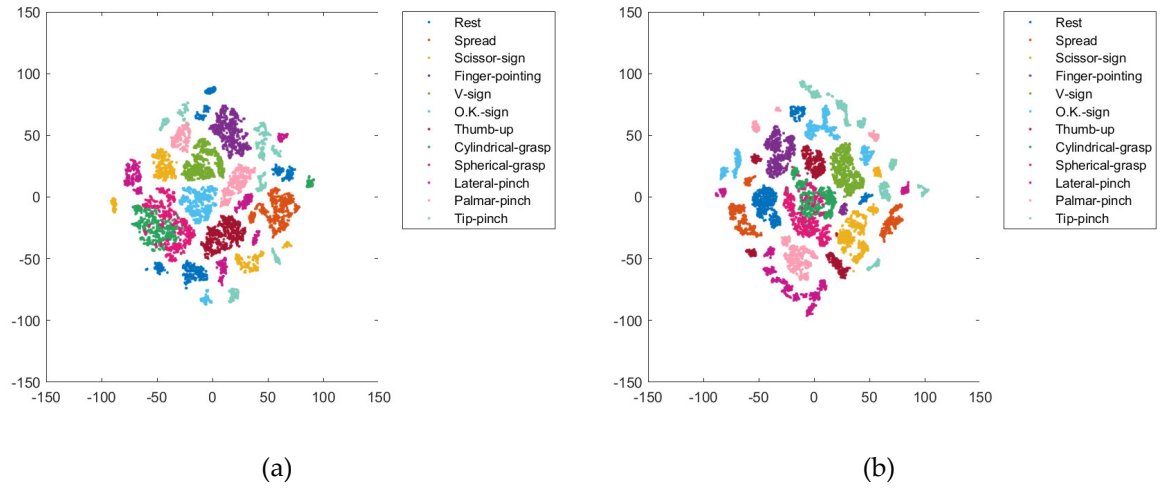


(b)

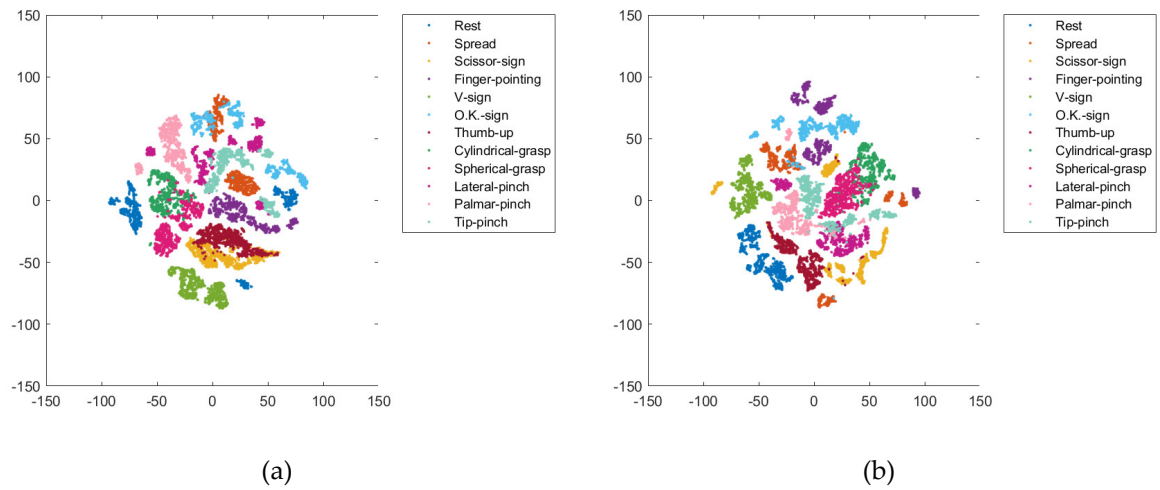
**Figure S3.** t-SNE visualization of variability in the sEMG signals of a healthy adult (subject 4) (a) Day 1, (b) Day 2.



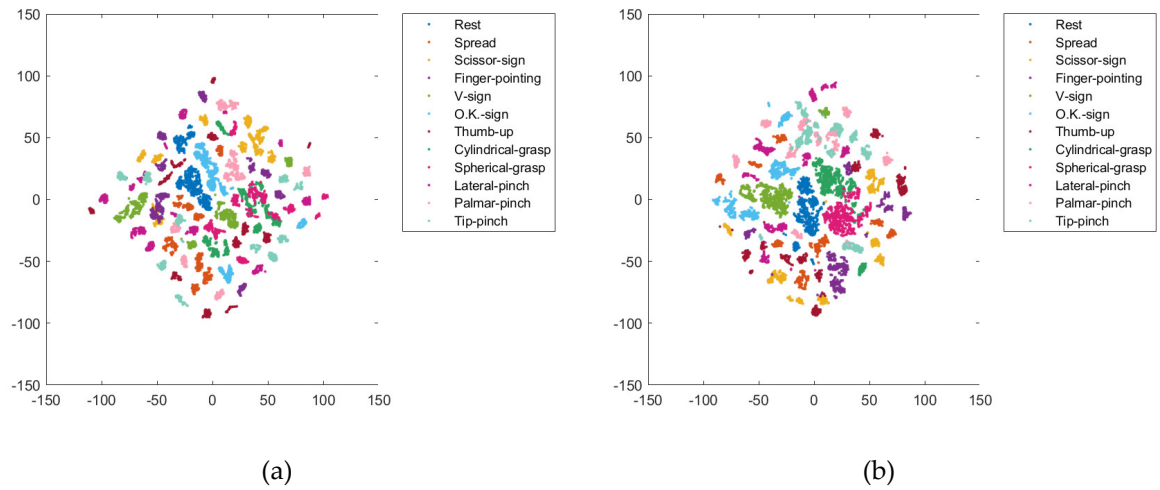
**Figure S4.** t-SNE visualization of variability in the sEMG signals of a healthy adult (subject 5) (a) Day 1, (b) Day 2.



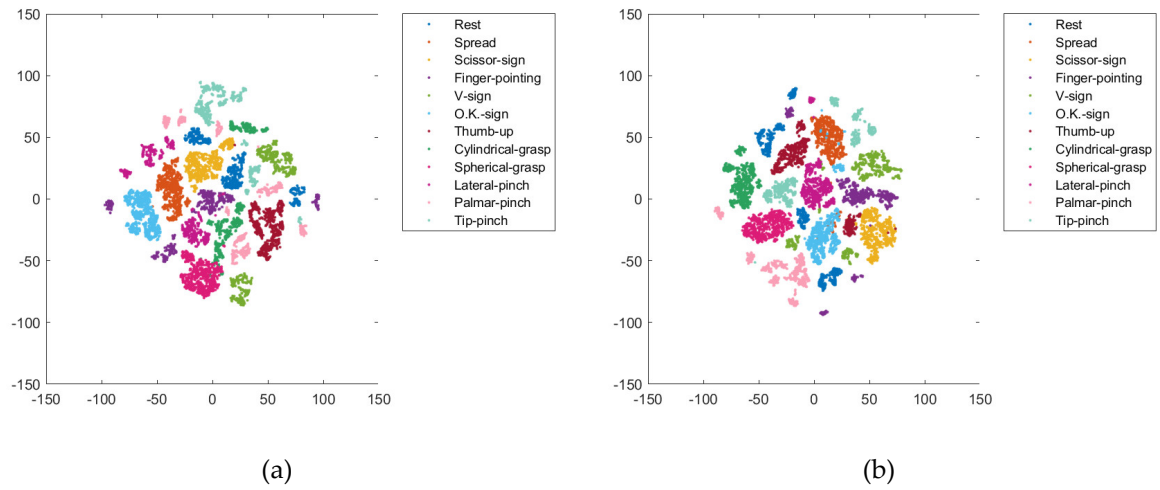
**Figure S5.** t-SNE visualization of variability in the sEMG signals of a healthy adult (subject 6) (a) Day 1, (b) Day 2.



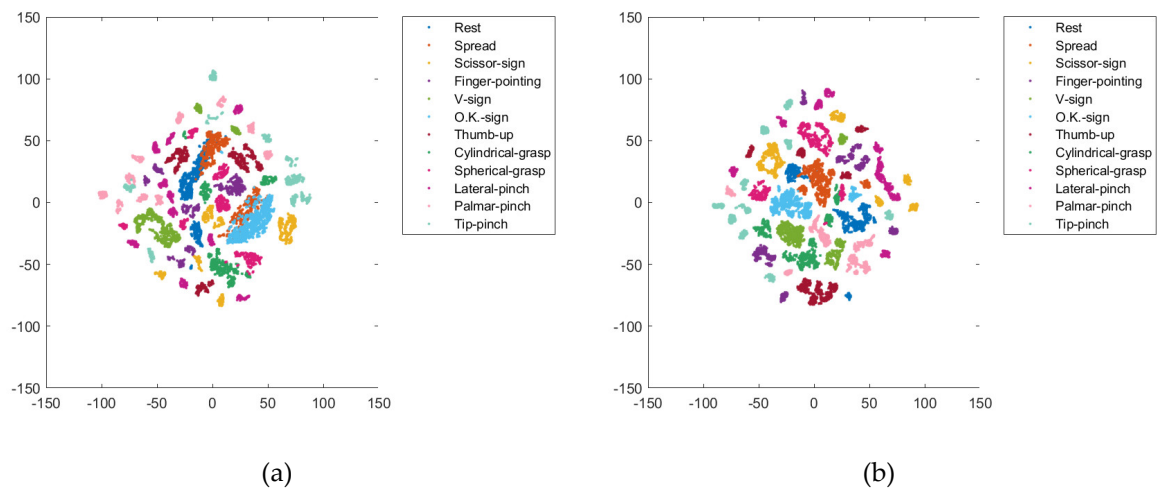
**Figure S6.** t-SNE visualization of variability in the sEMG signals of a healthy adult (subject 7) (a) Day 1, (b) Day 2.



**Figure S7.** t-SNE visualization of variability in the sEMG signals of a healthy adult (subject 8) (a) Day 1, (b) Day 2.



**Figure S8.** t-SNE visualization of variability in the sEMG signals of a healthy adult (subject 9) (a) Day 1, (b) Day 2.



**Figure S9.** t-SNE visualization of variability in the sEMG signals of a healthy adult (subject 10) (a) Day 1, (b) Day 2.