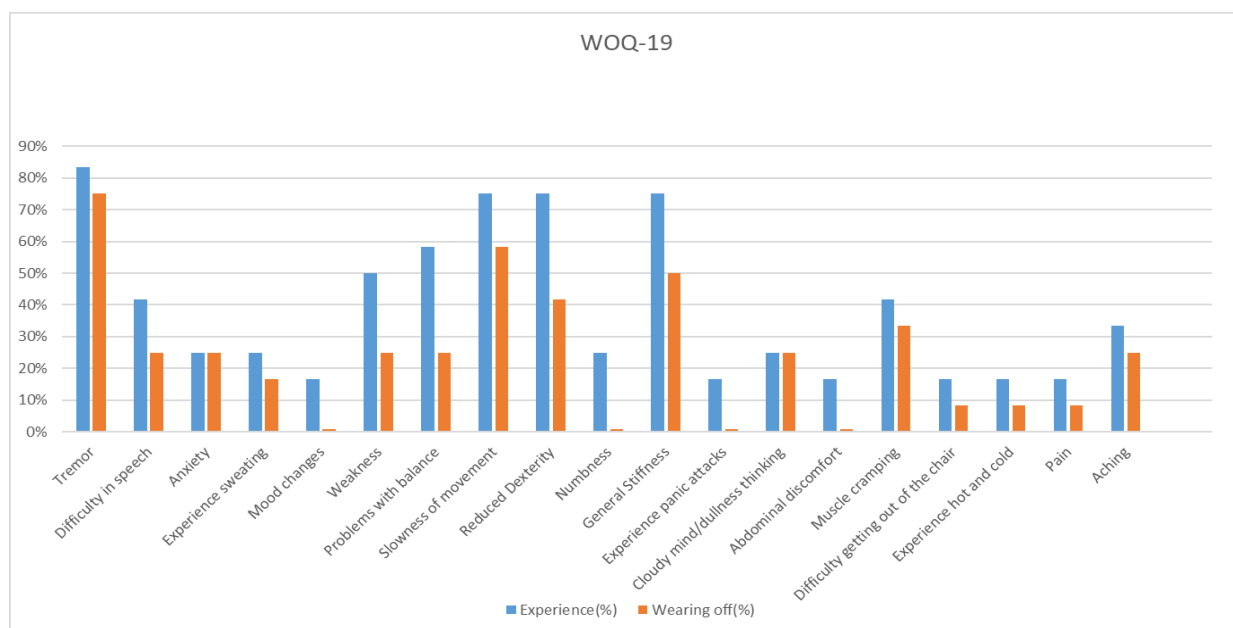
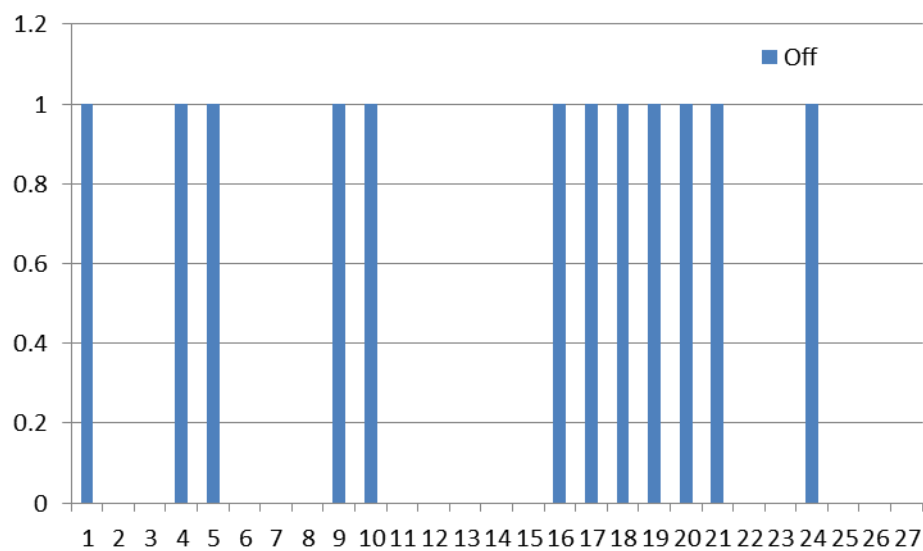


## Supplementary Materials

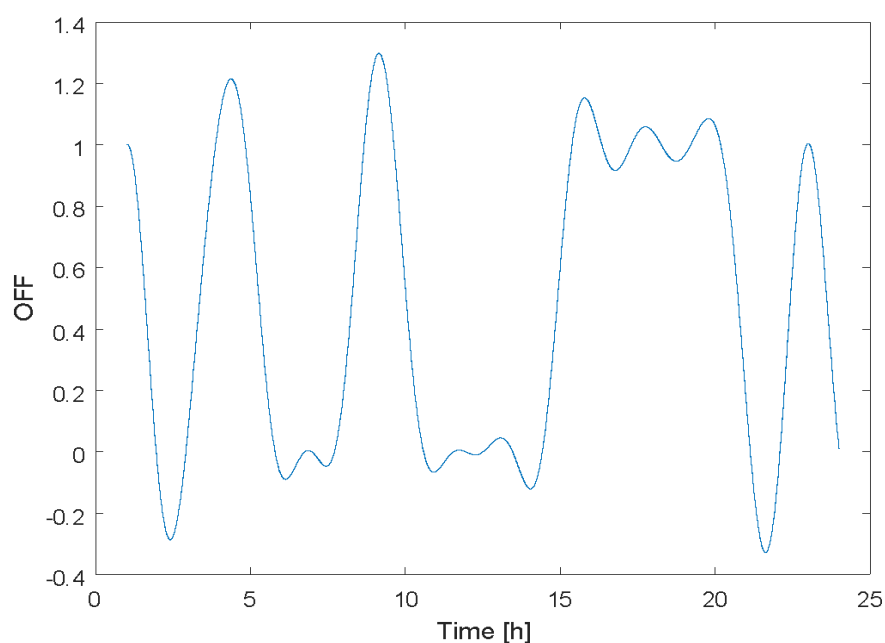


**Figure S1.** Percentage of experienced and wearing-off symptoms assessed through WOQ-19.

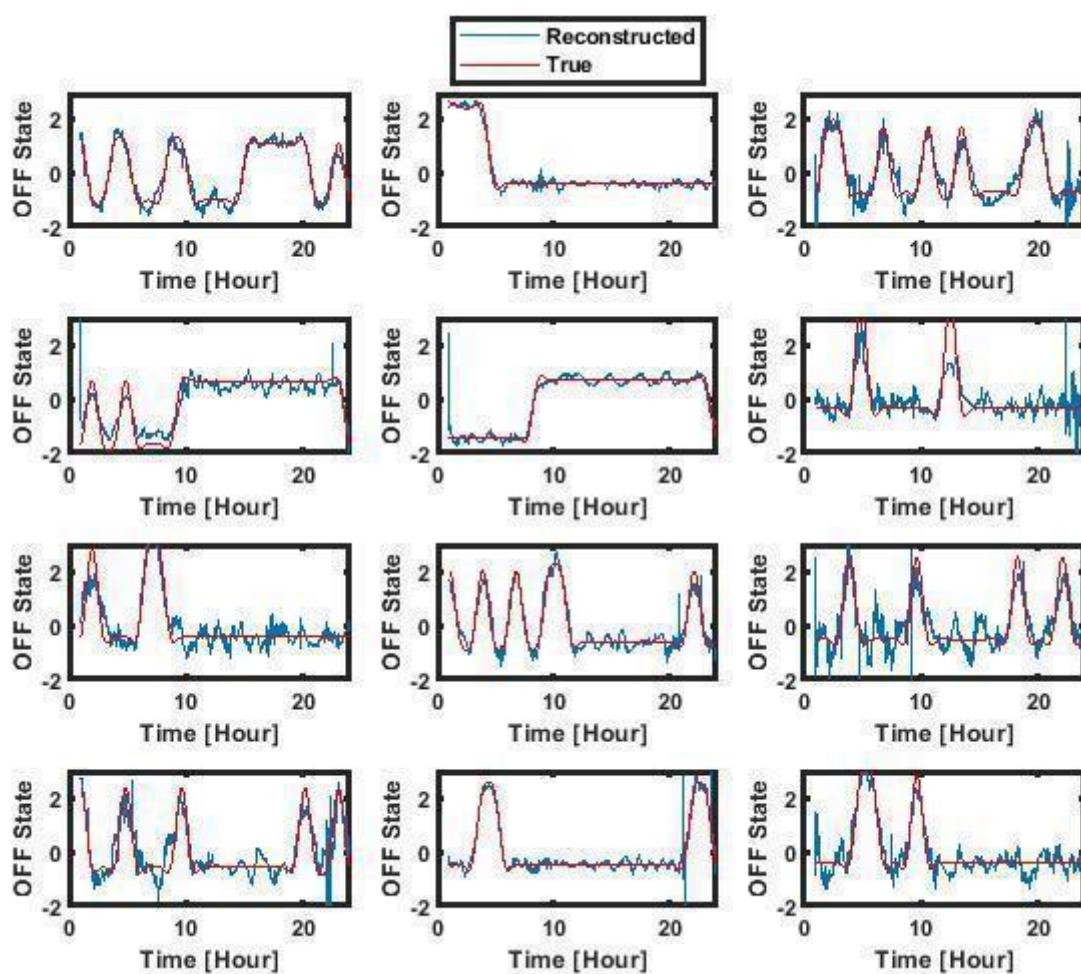
(A)



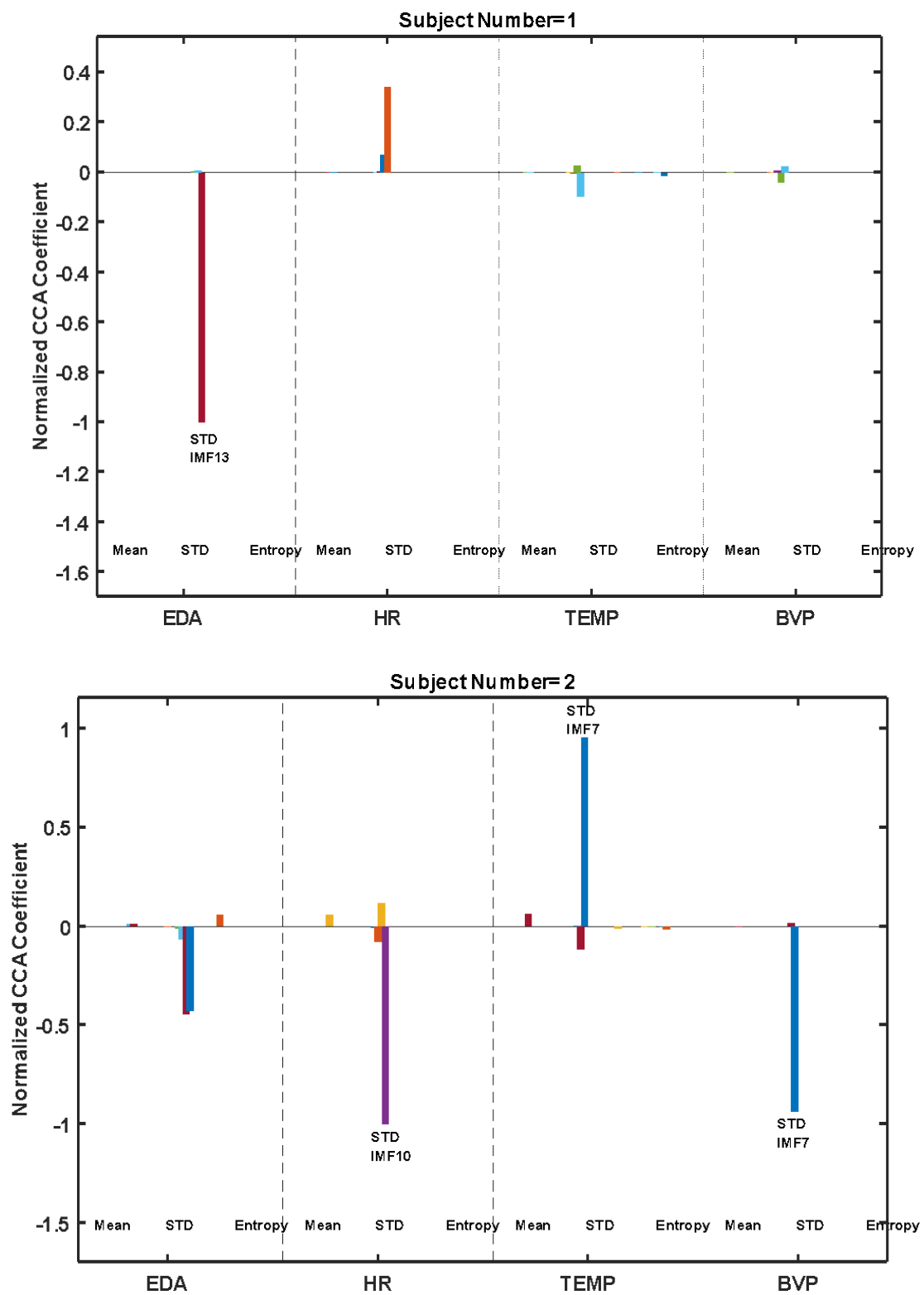
(B)

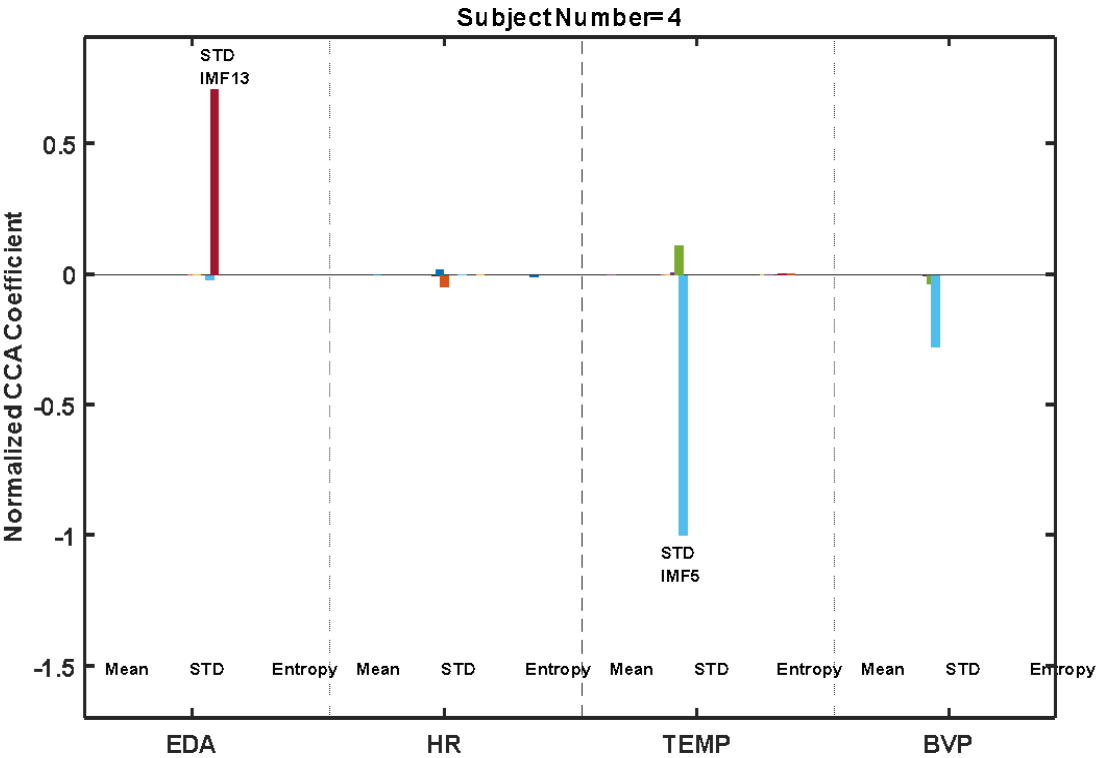
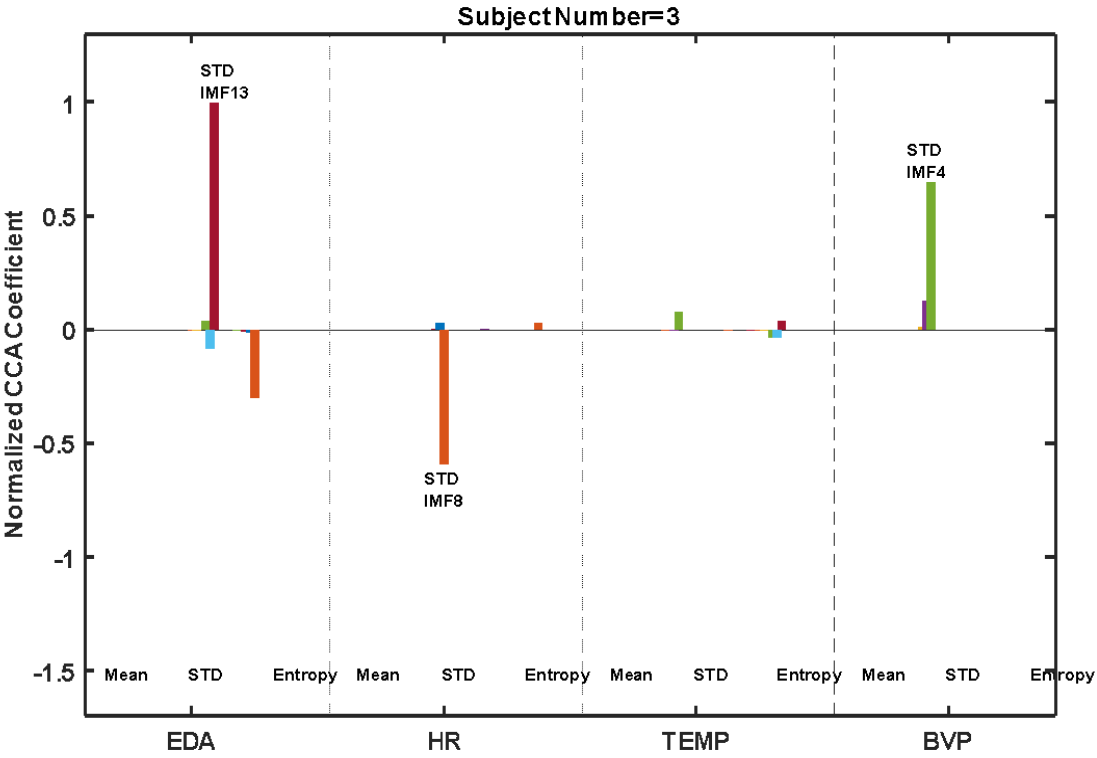


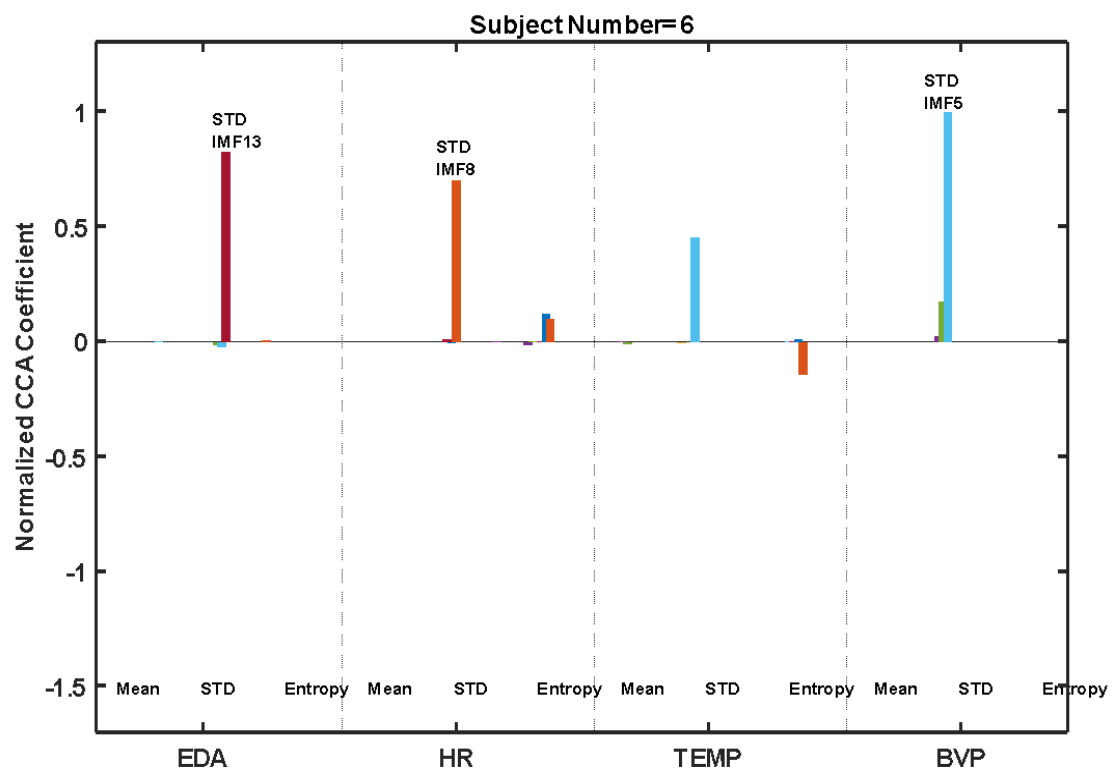
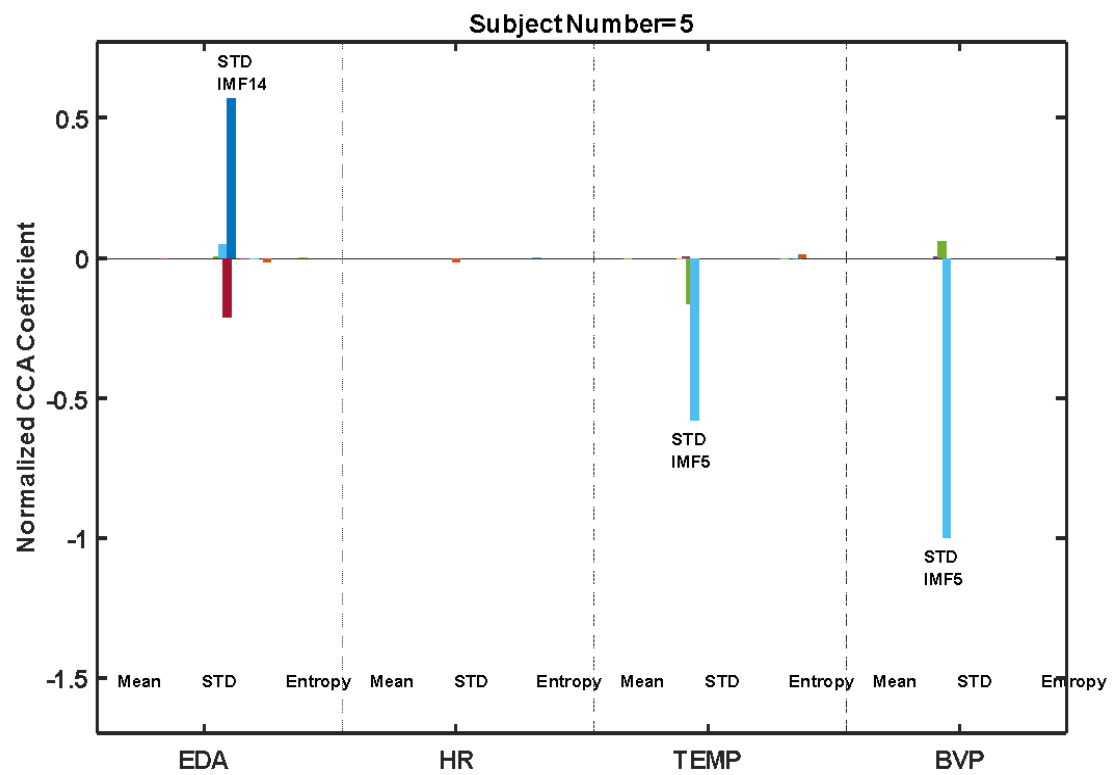
**Figure S2.** OFF state of the first subject. (A) The 24-element reported vector of OFF state. (B) Resampled OFF signal.

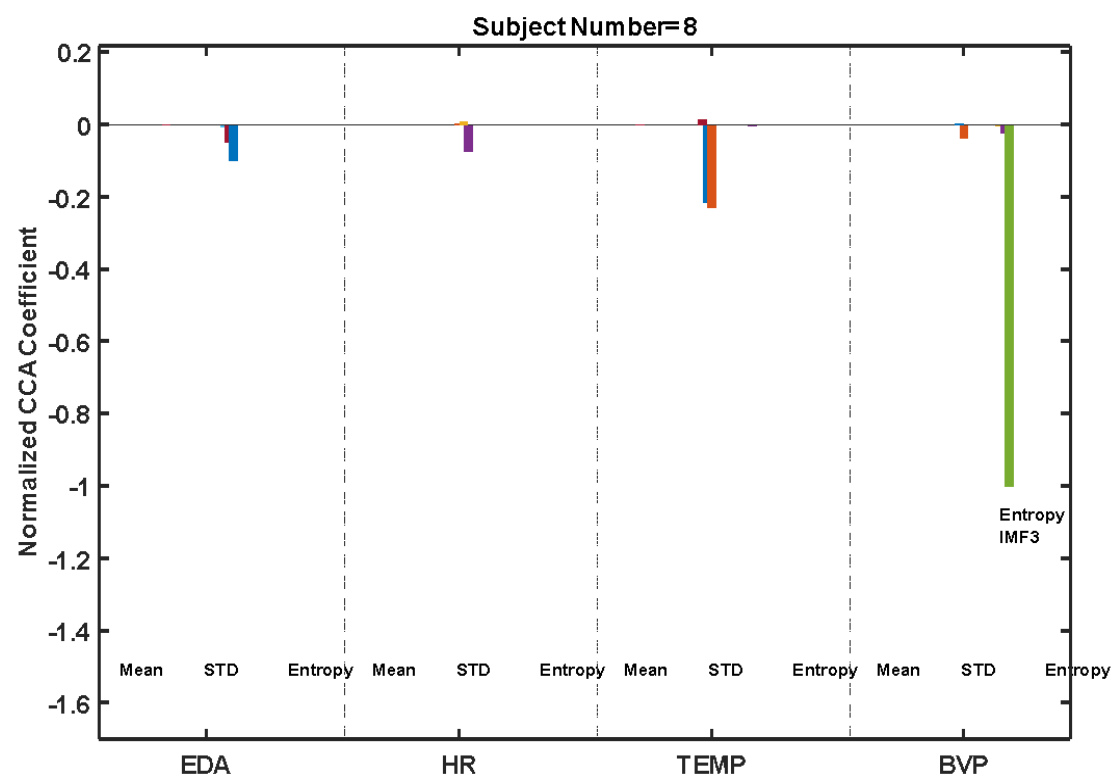
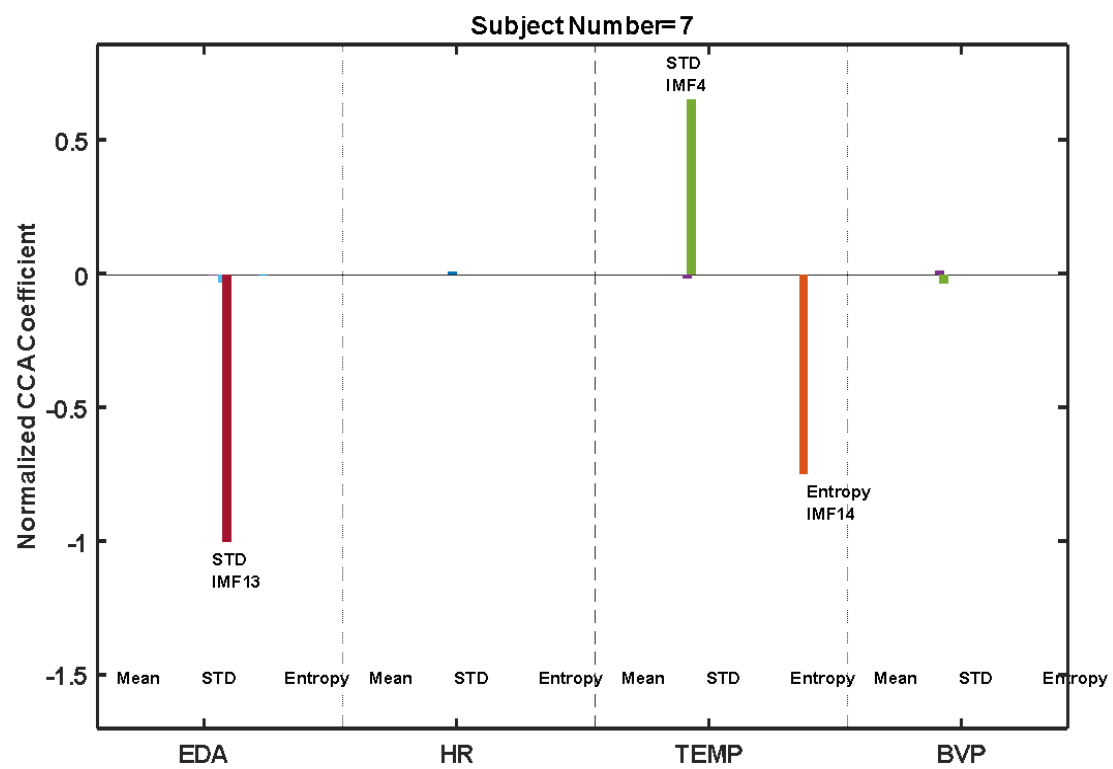


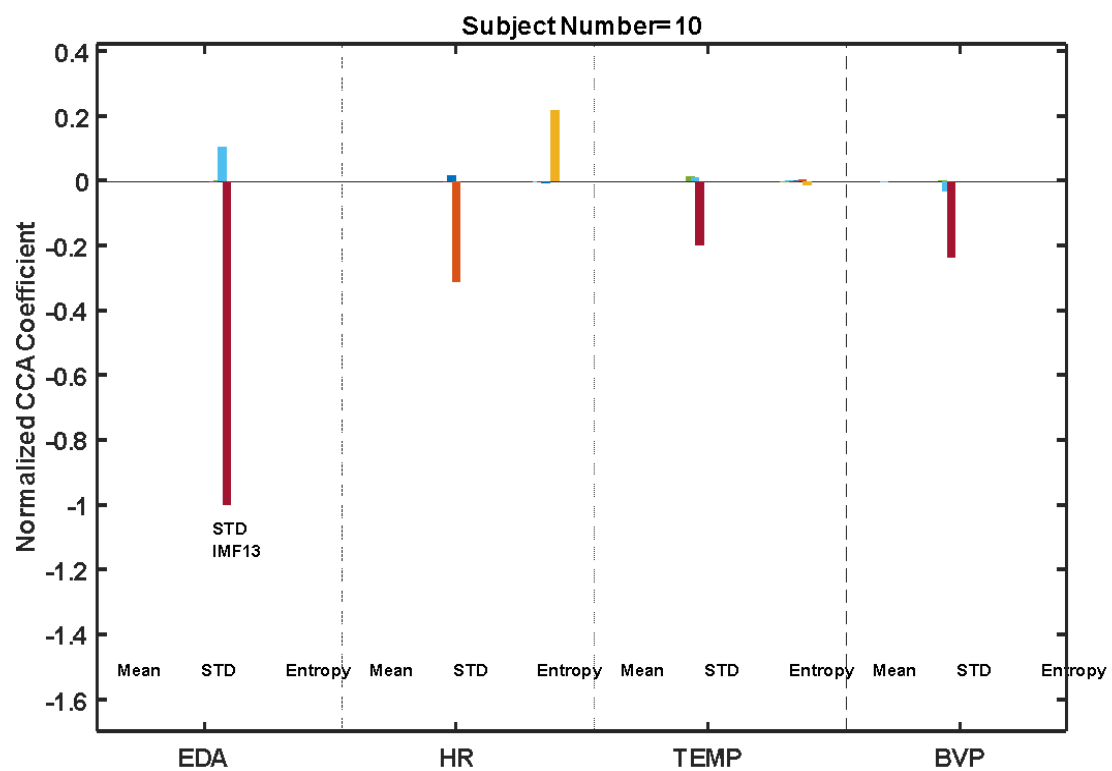
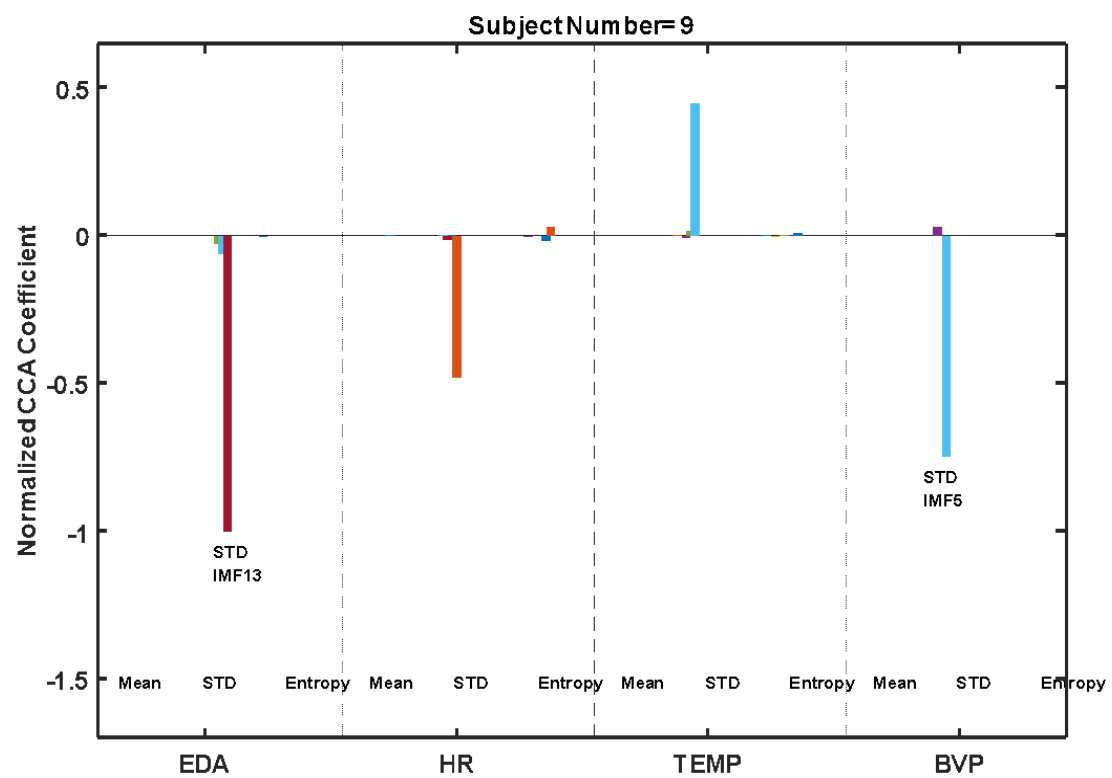
**Figure S3.** Reconstructed vs. true (centralized) OFF states for each subject .











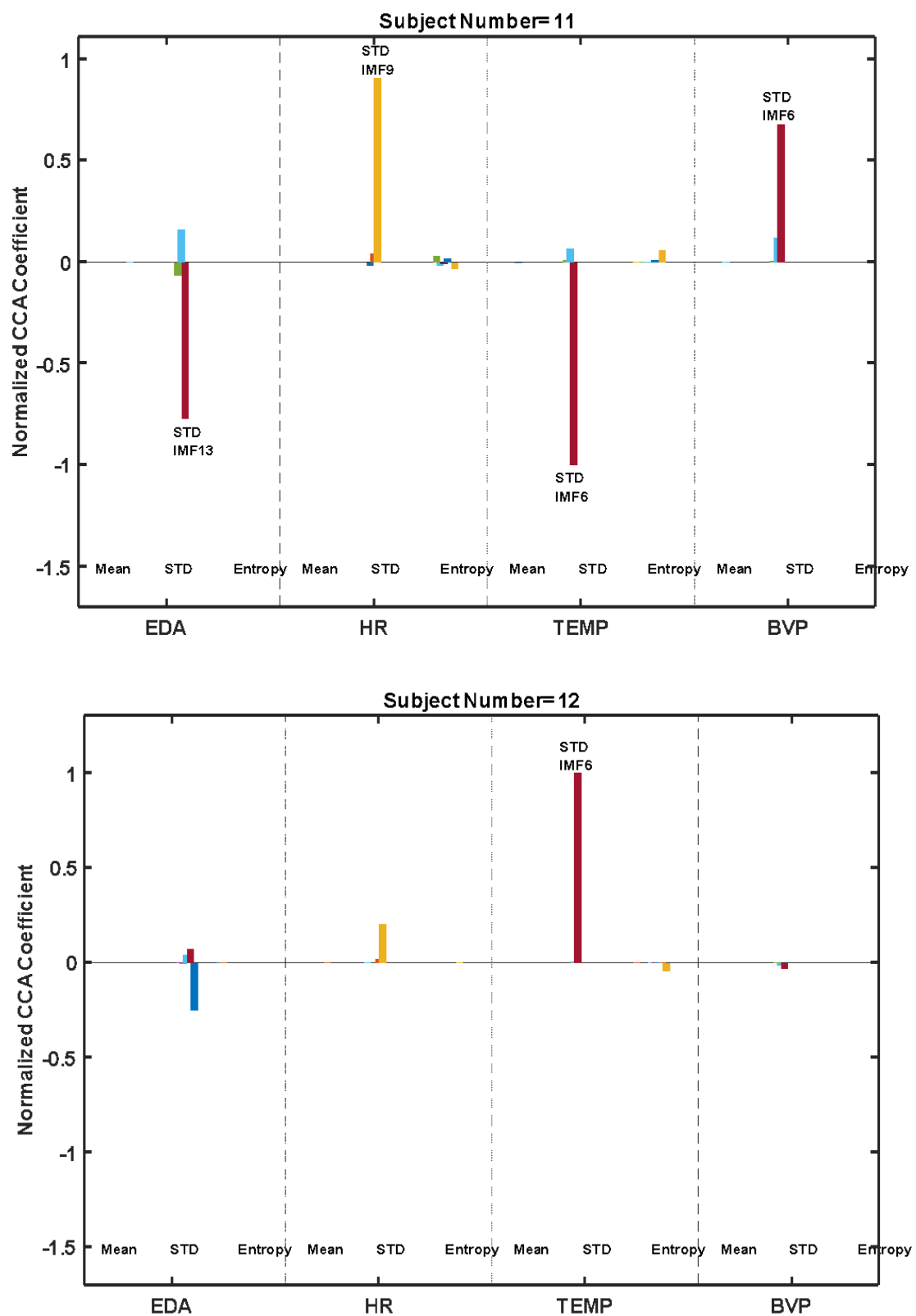
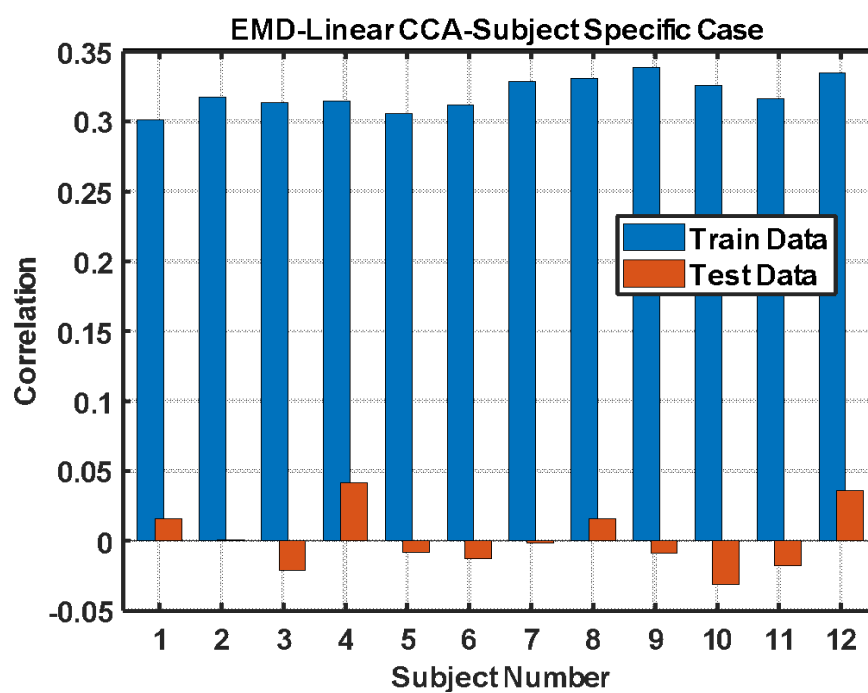


Figure S4. Normalized CCA coefficient weights for each feature obtained for each of 12 subjects.





**Figure S5.** Correlation between a random vector with 2880 elements and extracted features of four sensor signals by subject-specific analysis. The subject number shows the experiment that 35 % of its 2880 samples were used as test data.

**Table S1.** P-value for computed correlation between test data of features and a random signal.

Signals	Subject Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Random Signal	0.34	0.71	0.7	0.63	0.83	0.38	0.95	0.98	0.02	0.81	0.77	0.81