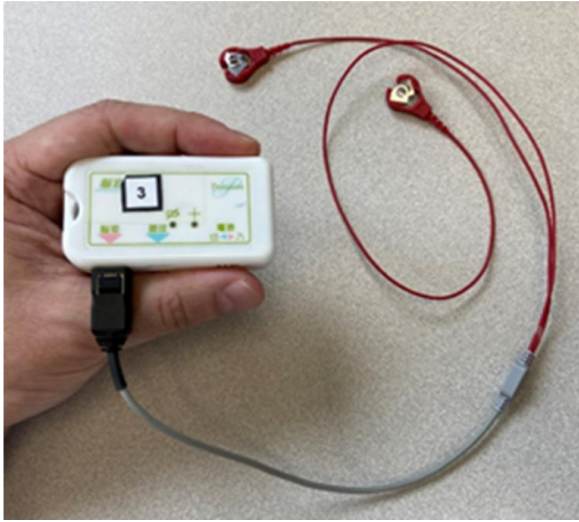
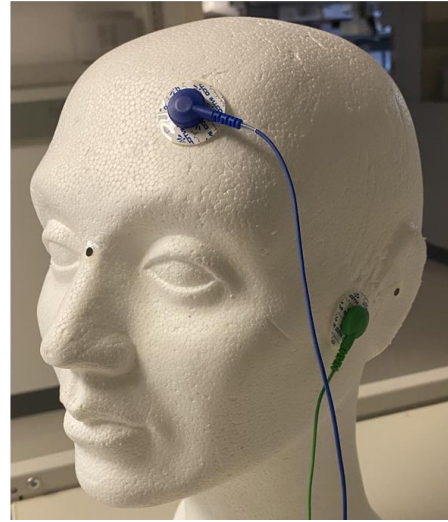


(A) device

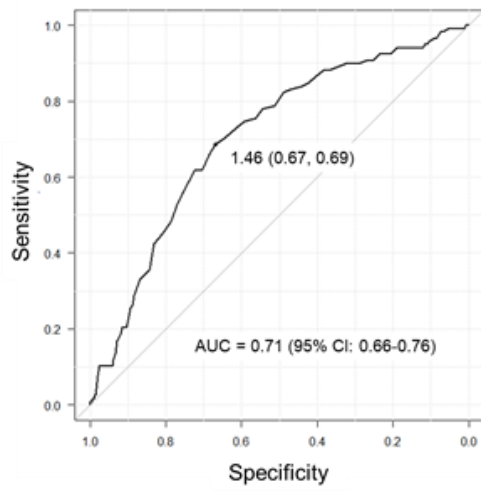


(B) electrodes (Fp1-A1)

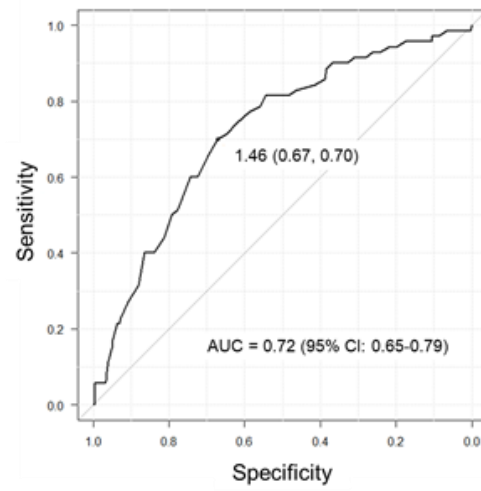


Supplementary Figure 1: (A) An EEG device used in this study. (B) Location of the two electrodes' placement.

(A) all 1st BSEEG

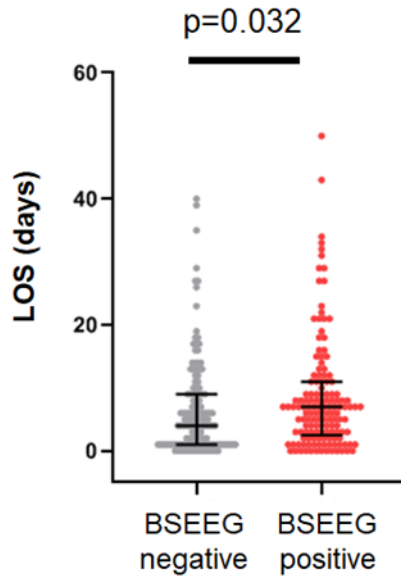


(B) SD filtered 1st BSEEG

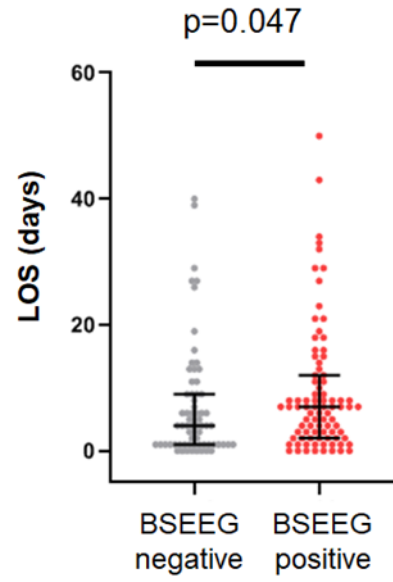


Supplementary Figure 2: ROC curve based on CAM-ICU and (A) all first BSEEG and (B) SD-filtered first BSEEG.

(A) all 1st BSEEG



(B) SD filtered 1st BSEEG



Supplementary Figure 3: Comparison of LOS between the BSEEG-positive group and the BSEEG-negative group based on (A) all first BSEEG and (B) SD-filtered first BSEEG.