

Supplementary materials 1: Changes in individual Entropy values in responders and non-responders during EEG recording

The figures illustrate the development of individual Entropy levels during EEG at eight time intervals in defined frequency bands. The X axis shows eight time intervals of the EEG record (rest 1, eyes open/closed 1, rest 2, photic stimulation, hyperventilation, eyes open/closed 2, rest 3, and rest 4). The Y axis shows four different frequency bands (theta, alpha, beta, and gamma). Each circle represents the head of a patient with electrodes placed according to the 10-20 EEG system. A black dot represents each electrode. The larger white dots represent electrodes with statistically significant differences between the given time-interval and rest 1 (baseline) in responders and non-responders, respectively.

A – Spectral Entropy

B – Sample Entropy

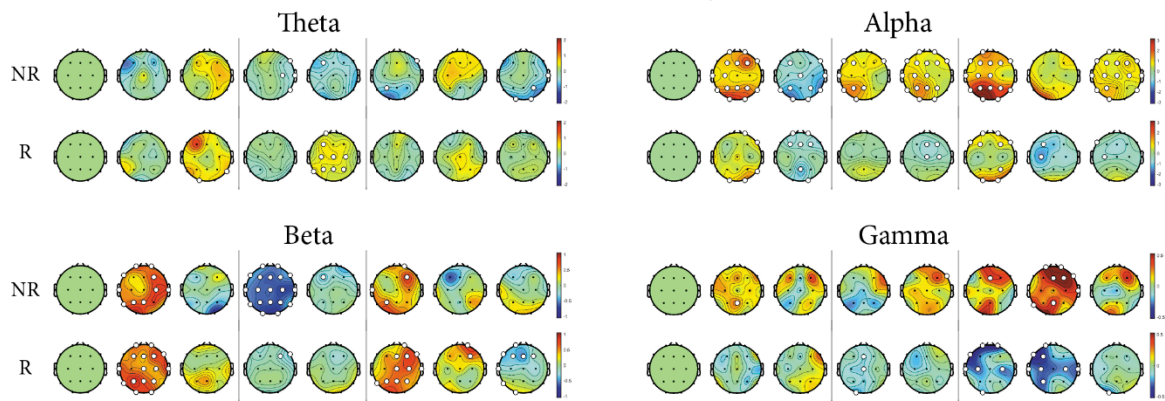
C – Permutation Entropy for Ordinal Patterns

D – Permutation Entropy for Ordinal Patterns with Tied Ranks

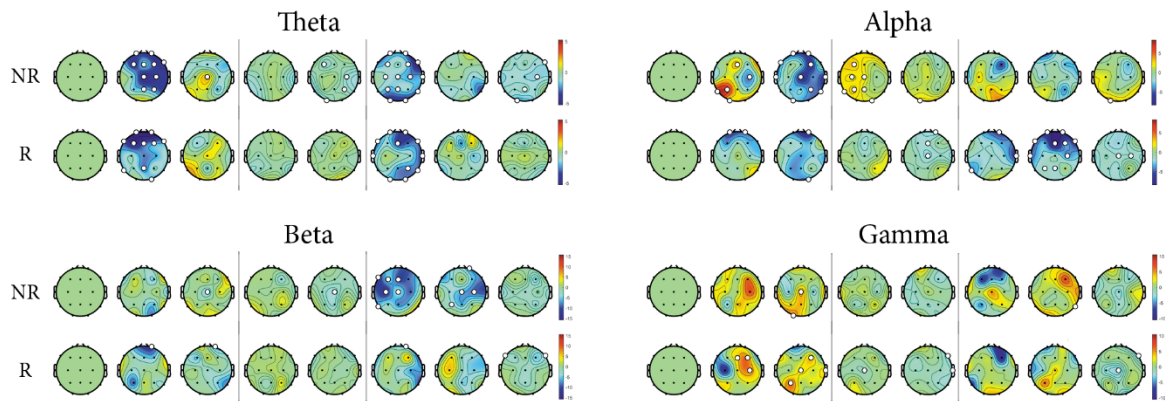
E – Robust Empirical Permutation Entropy

F – Conditional Entropy

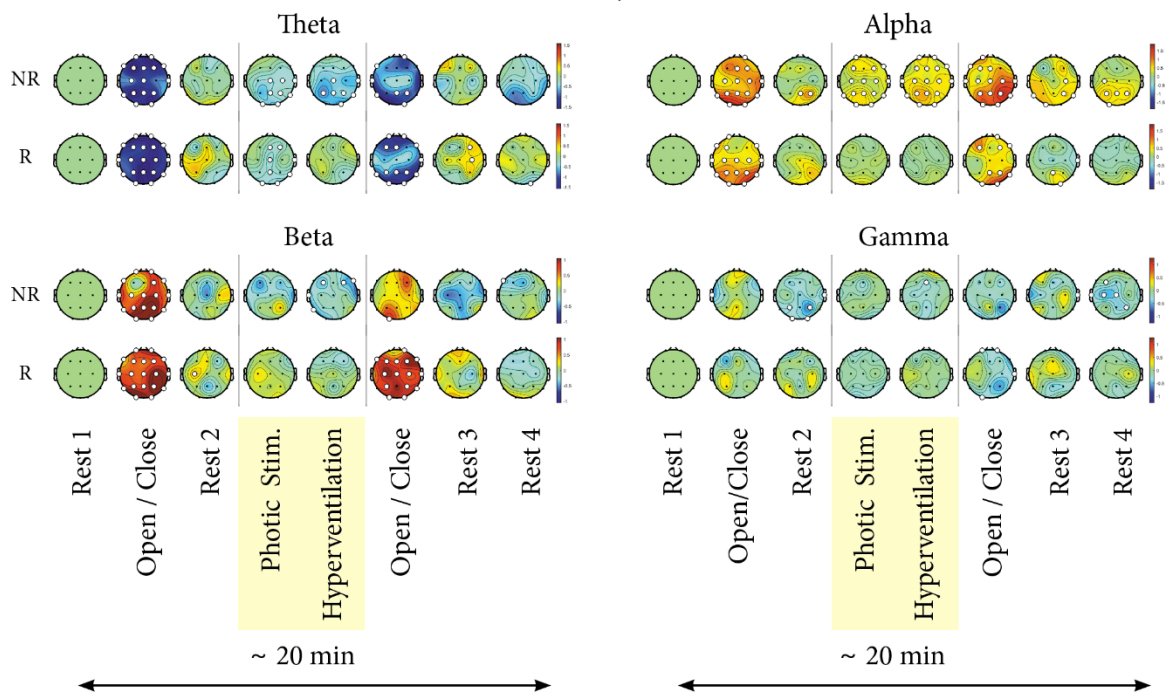
A - Spectral Entropy



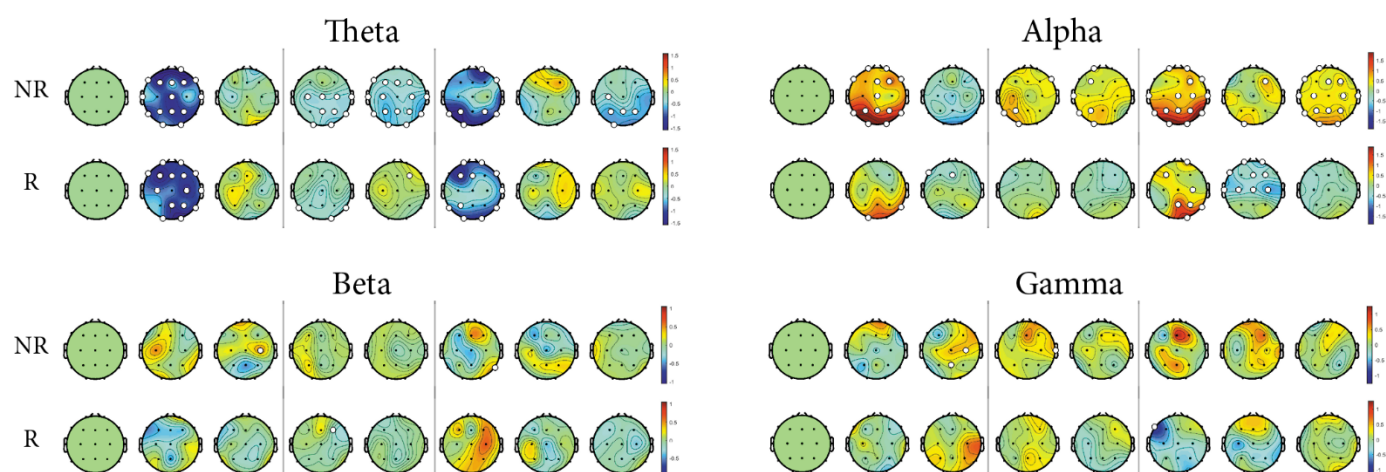
B - Sample Entropy



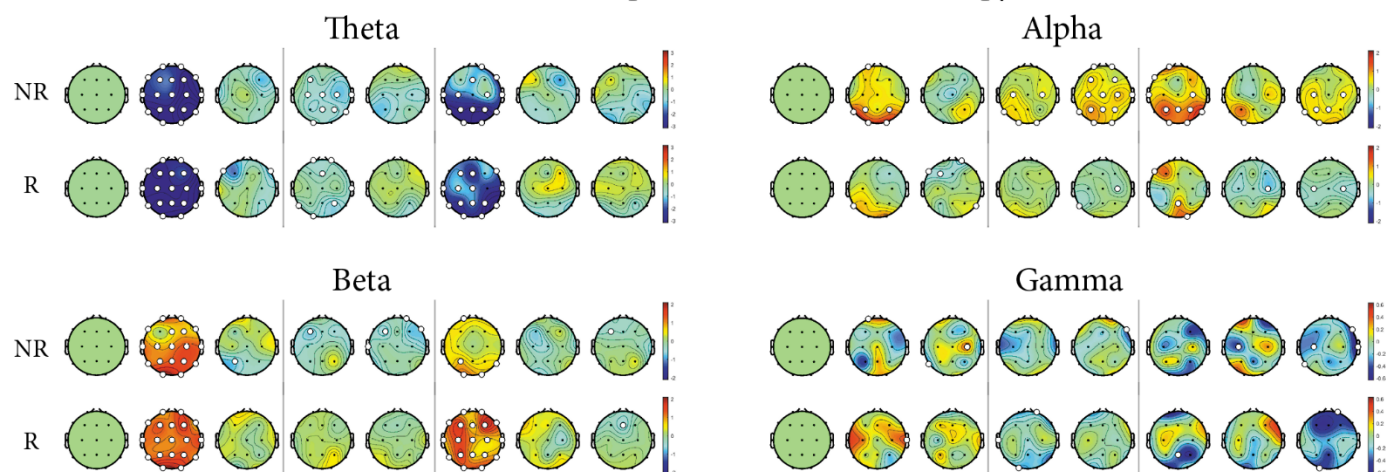
C - Permutation Entropy for Ordinal Patterns



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E - Robust Empirical Permutation Entropy



F - Conditional Entropy

