

Description of the method

- Features: concatenation of logarithmic band power estimation in frequency bands 10-12 and 16-24 Hz and AAR parameters with order 3 and update coefficient 0.0055.
- Signal down-sampling from 1000Hz to 125Hz.
- Monopolar/bipolar single channel selection: leave-one-out cross-validation of a LDA classifier. The 10 channels with minimum classification error were selected.
- Selection of the best combination of two channels out of the 10 best single channels: leave-one-out cross-validation of a LDA classifier. The pair of channels with minimum classification error was selected.
- From the selected channels the features were computed and a LDA based on Kalman Filtering used to guess the labels of the test set.