A Description of the Algorithm Used for Classifying Dataset V (BCI COMPETITION III): Using Precomputed Features

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First we normalized all the precomputed features in order to have same priority for all of them. Then by using a combination of different classifier-independent measures the normalized precomputed features were ranked according to their possible ability in classification. By applying the Bayesian classifier and considering the percentage of correct classification (on an evaluating data set) as an evaluation measure, we performed the Floating Search Method and selected fewer features as effective features. Finally by using the Bayesian classifiers with its selected effective features, the labels related to testing data were found.