Description:

First the relevant features are selected by using „sequential fast forward search“.
After that the selected features are optimized with an local search in this area.
For feature selection the fitness is calculated by a „minimum distance mahalanobis“ classifier and a 10 fold 10 cross validation. The Kappa value is used as fitness indicatior.

So I generate my features for each subjekt, using 2 training sets for training and the remaining for testing.

For computing the test results the mdmc is used, trained on the best results of the tests before and calculated on the test data. After that a filter is applied to reduce false classification. This filter uses majority voting.

The last step is to calculate 1 value for 8 also using majority voting.

Thats all!

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