

**NAME**

pctest – Classify sequences using a trained classifier.

**SYNOPSIS**

**pctest** [*options*] *serialized-classifier.txt input.txt*

**DESCRIPTION**

Read a trained classifier and a set of sequences and apply the classifier to each sequence of the set. A confusion matrix and total classification loss is given for the input set.

**PARAMETERS**

**--confusion-matrix** <file>

Write a confusion matrix for the sequence set to the given file.

**--dump-classifier** <file>

Write a textual description of the serialized classifier.

**INPUT FILE FORMAT**

The input file consists of n lines, each containing a filename and a class label, separated by any whitespace character. The filename corresponds to a sequence file. If only two classes are considered, the class labels are "1" and "-1", for the positive and negative class, respectively. If more classes are considered, the first class is labeled "0", and the following classes "1", "2", etc.

Each sequence file consists of p lines, each line representing one sequence element. Each element contains a number of items (positive integer numbers), separated by whitespace characters. The items within each element must be ordered and contain no duplicate item.

**BUGS**

No bugs known, if you find any, please send a bug report to me. I will try to fix it.

**AUTHOR**

Sebastian Nowozin <sebastian.nowozin@tuebingen.mpg.de>

**SEE ALSO**

**pboost**(1), **pspan**(1)