

CLASSIFICATION II

12.7.2018

RECAP

- * classifiers learn a function that guesses the **class** of a datapoint from its features

RECAP

- * receiver operating characteristic (ROC) curves are used to evaluate classifiers on held-out (test) data

CLASSIFIER LAB

- * for this lab you'll be using one type of linear classifier (logistic regression) to try to *decode* from fMRI responses whether the stimulus a person is seeing contains a particular category (e.g. a face)

CLASSIFIER LAB

- * this will again use data from the experiment where subjects watched hours of natural movies while undergoing fMRI

CLASSIFIER LAB

- * after fitting the classifier, you will use ROC analysis to quantify how well it works

CLASSIFIER LAB

- * to begin, pull the latest version of <https://github.com/alexhuth/ndap-fa2018/> and then open up the lecture41 directory

HAVE FUN!