

# module 4: boosting (ensemble models)

## DATA PROBLEM

RAW DATA  
UCI datasets  
20newsgroups

LABELS  
multiclass  
ECOC

DATA  
PROCESSING

## REPRESENTATION

FEATURES  
unigrams

SELECTION

DIMENSIONS

## LEARNING

CLUSTERING

SUPERVISED  
LEARNING  
boost/adaboost  
gradient boosting  
active learning  
ECOC setup

## PERFORMANCE

EVALUATION

ANALYSIS

TUNING

