Application to Machine Learning

Try different schemes,and
different parameter/option settings for each scheme.

Each gives rise to a (parameterized) classifier.

ROC Convex Hull tells which combinations are useful
and when each should be used.

Does one scheme, or parameter setting, dominate another ?
(Provost and Fawcett have not seen this in initial experiments)

Manipulate TRAINING SET to get different classifiers.
e.g. force Negative:Positive to be a particular ratio

Explore how these methods affect the TP-FP tradeoff,
try to optimize them.

Issue: producing "representative" ROC curves

analagous to producing good estimates of accuracy