

Setting up your goal

When to change dev/test sets and metrics

Cat dataset examples

Motore + Der: Prefer A. Youlusons: Prefer B.

Metric: classification error

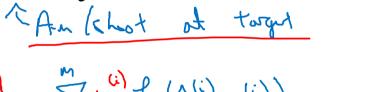
Algorithm A: 3% error

pornographic

/ Algorithm B: 5% error

Orthogonalization for cat pictures: anti-porn

- → 1. So far we've only discussed how to define a metric to evaluate classifiers. Place together.
- \rightarrow 2. Worry separately about how to do well on this metric.





Another example

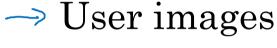
Algorithm A: 3% error

✓ Algorithm B: 5% error ←















If doing well on your metric + dev/test set does not correspond to doing well on your application, change your metric and/or dev/test set.