

# MIREX 2005: What did we learn?

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# MIREX 2005 in review

- 10 contests
- 70+ submissions
- authoritative results
- algorithm submission!
- .. heroic effort

# What did we learn?

- which labs did best
- overall spread of performances
- something about variety of approaches
  - from abstracts
- **no standout techniques?**
  - all top pairs differ  $< 10\%$
  - in 4 out of 10, differ by  $< 1\%$

# What *didn't* we learn?

- which *techniques* are successful
- impact of individual choices
  - e.g. features, classifiers...
- interactions of approaches and results
- the importance of diversity...
- the value of co-operation...
  - instead of competing

# How to learn more?

- have more people look at detail of results
- have finer-grain breakdown of algorithms
- more ground truth / annotation
  - need more buy-in
  - no split responsibility: leaders = organizers

# Access to detailed results

- participants run evaluations at home
  - even final eval, but not scoring
- separate *development* and *test* sets
- common basis for ‘progress’ reports

# Algorithm breakdown

- provide common framework including default units
  - consensus on problem decomposition?
- participants can replace just one part, or whole set
- submitted components can be cross-combined
- sharing of code?...