Implications

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for Applications...

- try lots of alternatives
- eliminate those that cannot possibly be optimal
- defer final choice until application-time

applies to all aspects of learning:

- feature subset selection
- discretization, etc.

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for Scientific Research ...

Methodologically, need to show a new technique is **on the ROC Convex Hull** (it might be very useful even if not the most accurate).

Need to rethink the heuristics etc. in ML systems.
For example, perhaps pruning ought to be deferred until application-time.

In general, the more commitment at learning-time, the less flexibility at application-time.
Argues for lazy learning, or fast algorithms that can be rerun at application-time.