Why are we so afraid of bad quality?

Quality of Result (QoR)

Specifying QoR in a meaningful way is hard (granularity? ref point?)

Guaranteeing is hard (cost? missing information?)

Debugging is hard (where is my bug? too approximate?)

[−] **jtra** 3 points 1 month ago
Good luck debugging that...

Machine learning has the same issues!
And we still use it and trust it :). So?

Approximate != "Probabilistic"

Approximate: relaxing accuracy (det/nondet)

Probabilistic: computing with probabilities

Orthogonal but synergistic!

Approximate evaluation of probabilistic programs

Reasoning about uncertainty in approximate programs