LoRaLay Evaluation Interface

Evaluation guidelines	

Document 0806.3537 (1/50)

Statistical Learning of Arbitrary Computable Classifiers

Link to full document

Model A

Model B

Ground-truth abstract

Statistical learning theory chiefly studies restricted hypothesis classes, particularly the statistical learning theory chiefly studies restricted hypothesis classes, particularly the statistical hypothesis classes, particularly the statistica

You selected the following sentence generated by Model B. Highlight the parts in the sentence that can be found in the ground-truth abstract.

Conventional statistical learning theory attempts to bound the number of samples needed to learn to a specified level of accuracy for each of the above models (e.g. neural networks, support vector machines).

Next sentence

Summary generated by Model B

Sentence	Precision (%)
Conventional statistical learning theory attempts to bound the number of samples needed to learn to a specified level of accuracy for each of the above models (e.g. neural networks, support vector machines).	40.62
However, if we allow ourselves to change the model, then the VC- dimension of the overall learning algorithm is not finite, and much of statistical learning theory does not directly apply.	16.67
In contrast, we prove that distribution-independent bounds do not exist altogether for computable learning algorithms in our setting.	72.22
Our results imply that computable learning algorithms in the universal setting must "waste samples" in the sense of requiring more samples than is necessary for statistical reasons alone.	0.0
Recall (%)	
30.15	

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I am unable to evaluate this document.

Coherence

Fluency