

bootstrap aggregating (bagging)

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Abstract

Bagging is an ensemble technique that trains each base learner on a resampled copy of the training set, typically drawn by bootstrap sampling. The learned hypotheses are aggregated by a majority vote in classification or by averaging in regression. Averaging over many base learners reduces the variance of the final prediction: fluctuations caused by the particular training set tend to cancel. A random forest applies bagging to decision trees.

Definition

Cross References

References

- 1.