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Strict Very Fast Decision Tree: a memory conservative algorithm for data stream mining

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**Highlights**

- A Novel algorithm based on the VFDT, called SVFDT, is proposed for data stream mining;
- The proposed algorithm makes assumptions about statistics observed to limit tree growth;
- The SVFDT was compared on experimental tests carried out on benchmark datasets
- Predictive performance was maintained while consuming significantly less memory
- Possible applications for this algorithm are on ensembles and low-memory environments

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