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An iterative boosting-based ensemble for streaming data classification

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Highlights

- The IBS ensemble bases on iteratively applying boosting to learn from data stream
- IBS adjusts to new concept by gathering knowledge according to its current accuracy
- Adding more base learners when accuracy is low helps IBS recover fast from drifts
- IBS join features from batch and online algorithms, as fast learning and flexibility
- Results show IBS is effective and low cost to handle classification in data stream

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