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Passive-Aggressive online learning with nonlinear embeddings

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Highlights

- A combination of Passive-Aggressive algorithm and the Max-Out function is proposed.
- This approach is an alternative to Kernel-based methods in online learning problems.
- The algorithm does not rely on budget strategies over the set of support vectors.
- The model is fast and uses nonlinear learned embeddings, avoiding support vectors.
- This approach has obtained better results in commonly used online learning benchmarks.

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