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A Weighted Linear Discriminant Analysis Framework for Multi-label Feature Extraction

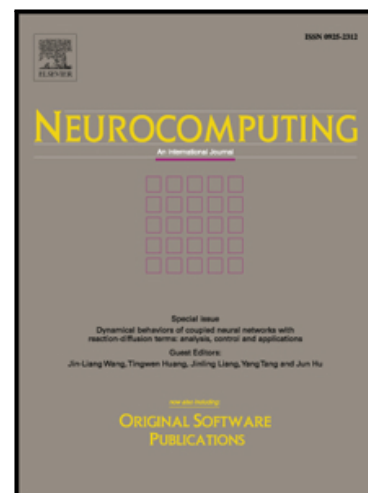
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Highlights

- A weighted mult-label linear discriminant analysis framework (wMLDA) is built.
- Four existing weight forms (binary, correlation, entropy and fuzzy-based) are collected.
- A dependence-based weight form is proposed using Hilbert-Schmidt independence criterion.
- Our dependence-based wMLDA performs the best statistically on ten data sets.

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