## **Accepted Manuscript**

Cost-sensitive multi-label learning with positive and negative label pairwise correlations

Guoqiang Wu, Yingjie Tian, Dalian Liu

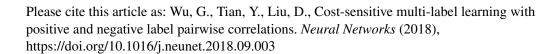
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#### **ACCEPTED MANUSCRIPT**

### Highlights:

- 1. We propose a novel cost-sensitive multi-label learning model with positive and negative label pairwise correlations.
- 2. We introduce a new regularizer to exploit the negative label pairwise correlations.
- 3. Kernel extension of the linear model is provided to explore nonlinear input-output relationships.
- 4. Two accelerated gradient methods (AGM) are adopted to efficiently solve the linear and kernel model.
- 5. Extensive experiments have verified the effectiveness of our proposed method.

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