

Accepted Manuscript

Feature selection considering the composition of feature relevancy

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PII: S0167-8655(18)30228-9
DOI: [10.1016/j.patrec.2018.06.005](https://doi.org/10.1016/j.patrec.2018.06.005)
Reference: PATREC 7199



To appear in: *Pattern Recognition Letters*

Received date: 30 July 2017
Revised date: 12 February 2018
Accepted date: 4 June 2018

Please cite this article as: Wanfu Gao, Liang Hu, Ping Zhang, Jialong He, Feature selection considering the composition of feature relevancy, *Pattern Recognition Letters* (2018), doi: [10.1016/j.patrec.2018.06.005](https://doi.org/10.1016/j.patrec.2018.06.005)

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Highlights

- A novel feature selection method based on information theory is proposed.
- The composition of feature relevancy is taken into account.
- Our method maximizes new information while minimizing redundancy information.
- Our method outperforms five competing methods in terms of average accuracy.
- The proposed method achieves the highest accuracy.

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