## **Accepted Manuscript**

Grouping Points by Shared Subspaces for Effective Subspace Clustering

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PII: S0031-3203(18)30207-3 DOI: 10.1016/j.patcog.2018.05.027

Reference: PR 6571

To appear in: Pattern Recognition

Received date: 13 September 2017

Revised date: 9 April 2018 Accepted date: 30 May 2018



Please cite this article as: Ye Zhu, Kai Ming Ting, Mark J. Carman, Grouping Points by Shared Subspaces for Effective Subspace Clustering, *Pattern Recognition* (2018), doi: 10.1016/j.patcog.2018.05.027

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#### ACCEPTED MANUSCRIPT

### Highlights

- Compare properties of different subspace clustering algorithms
- Introduce a new subspace clustering framework CSSub based on shared subspaces
- CSSub decouples the candidate subspace selection process from the clustering process
- CSSub enables different types of cluster definitions to be employed easily
- Provide different subspace generation and scoring methods

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