

Multilabel Attribute Selection

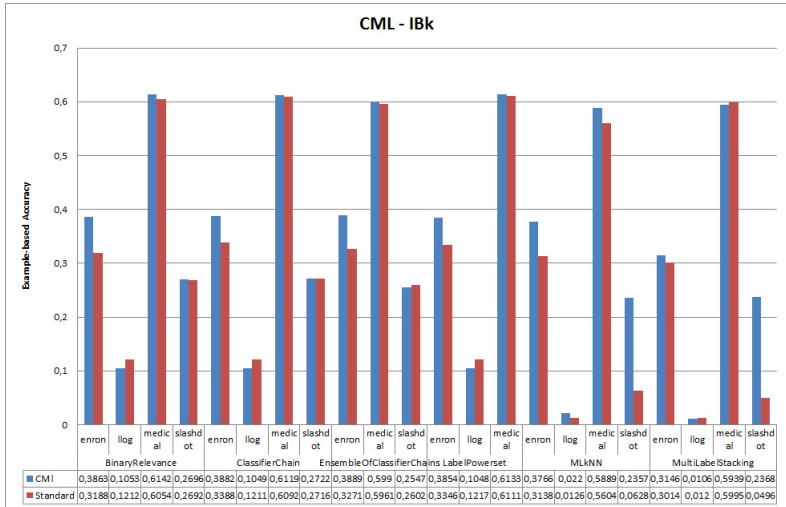
cluster based group selection

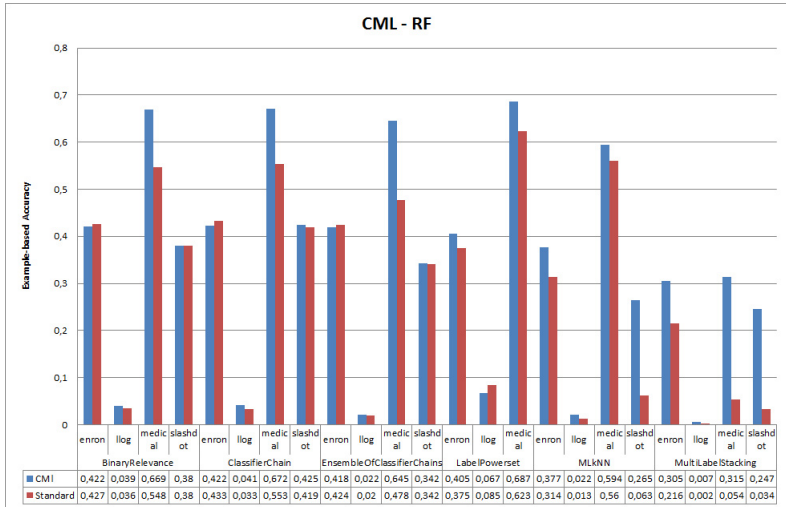
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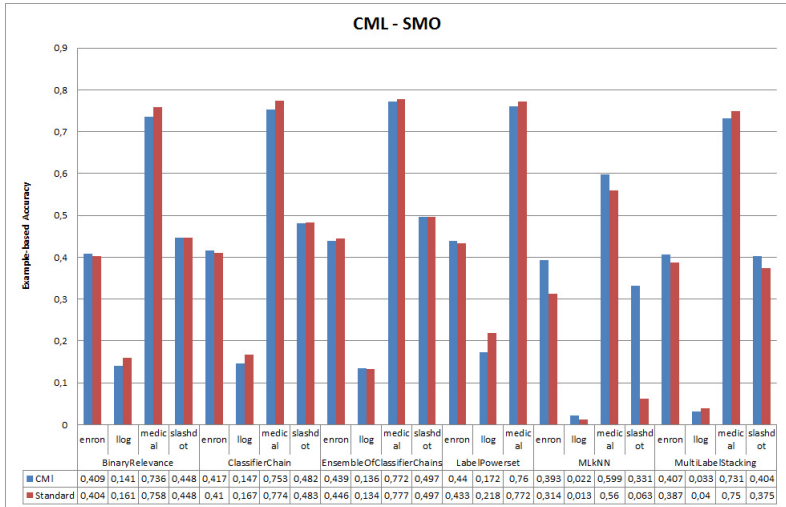
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- using transposed dataset, each attribute will become an instance
- clustering over those instances
- clusters resolve directly into groups by splitting into labels and features







example cluster characteristics (\emptyset over folds)

- enron
 - \emptyset number of clusters : 8
 - \emptyset number of cluster (> 2 labels) : 2
 - \emptyset number of labels per cluster: 13.3
- llog
 - \emptyset number of clusters : 4
 - \emptyset number of cluster (> 2 labels) : 4
 - \emptyset number of labels per cluster: 37.5
- medical
 - \emptyset number of clusters : 8.4
 - \emptyset number of cluster (> 2 labels) : 2
 - \emptyset number of labels per cluster: 10.7
- slashdot
 - \emptyset number of clusters : 10
 - \emptyset number of cluster (> 2 labels) : 2
 - \emptyset number of labels per cluster: 4.4