
RESULTS

- kNN is most stable under conditions of test I
 - could indicate that data is well separated (further supported by stability of SVM)
 - NB and NBC are unstable under conditions of test I
 - could be due to interdependence of data
 - may take into consideration factors that are not as relevant
 - not many genes are correlated for a disease
 - probability doesn't matter for gene expression of disease
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RESULTS

- kNN, RF and NBC perform well under conditions of test II
 - kNN, RF perform well under conditions of test III
 - and NBC?
 - NB and SVM are unstable under conditions of test III (greedy)
 - could be reflection of instability of single gene changes (see plot)
 - will NBC follow trend? how to justify with performance under test II
 - chi2 does not perform any better than random
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