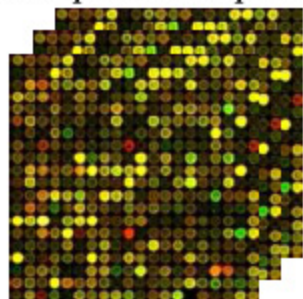
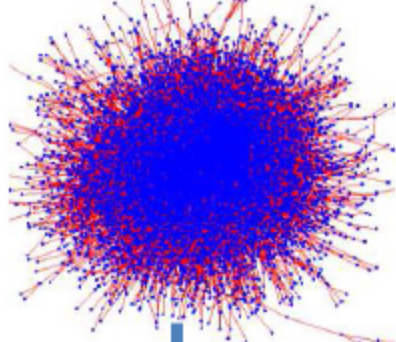


PPI network

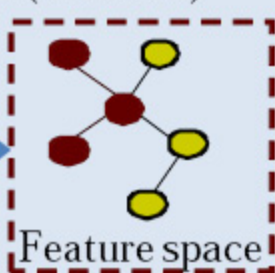
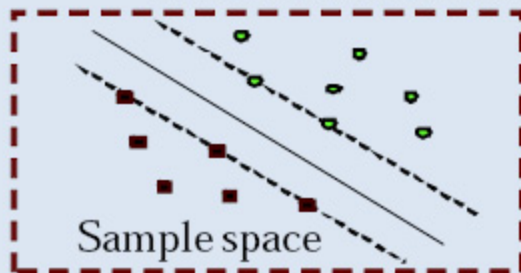
Gene expression profiles



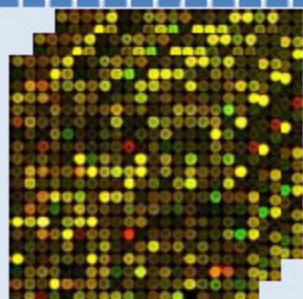
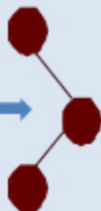
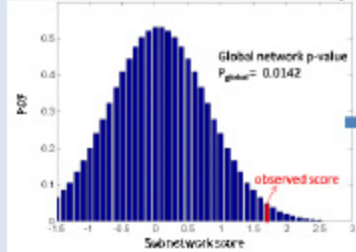
Training samples

Training and cross validation

Network-constrained SVM (netSVM)



Permutation of sample labels



Test samples

**Significant analysis
for subnetwork**

**Independent
test**