Compute Network significance by SVM and assign a score as mean accuracy of f-folds repeated r times.

Building gene networks by GXNA the pool S of genes into n networks.

Remove Networks of genes with low scores. Merge surviving genes into one pool S.

Is n less than the desired number of Networks m?

n = n - n*d

Input samples data D represented by S genes

Training Set (90% of D)

Test Set (10% of D)

Evaluate classification accuracy using the pool genes S

RCE step

SVM scoring step

Test