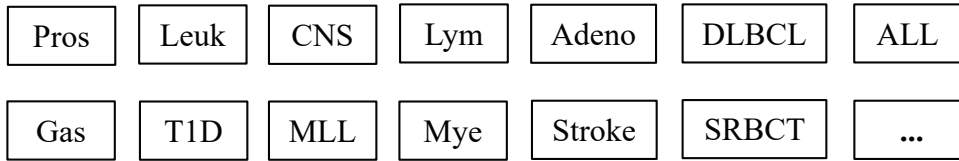


Data Input – 19 datasets



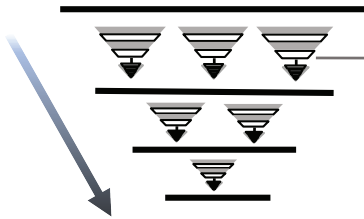
Stage 1. Search space reduction

Filter: t -test + MIC

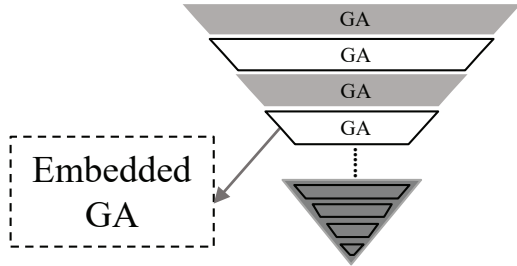
Candidate gene sets

Stage 2. Precise wrapper search

Multilayer iterative
selection using GA-RFE
(MGRFE)



Recursive feature elimination
with embedded GA (GA-RFE)



Optimal gene combinations

Stage 3. Multiple k -fold cross validation

Biological verification
of selected genes



Result comparison with
other 20 studies

