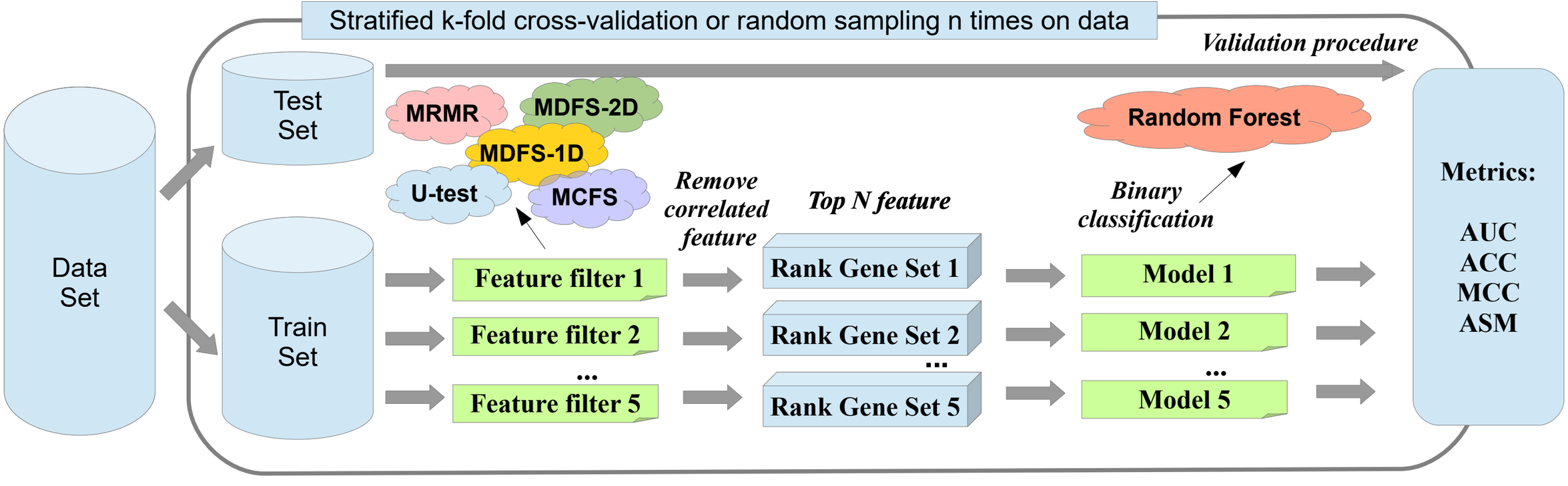
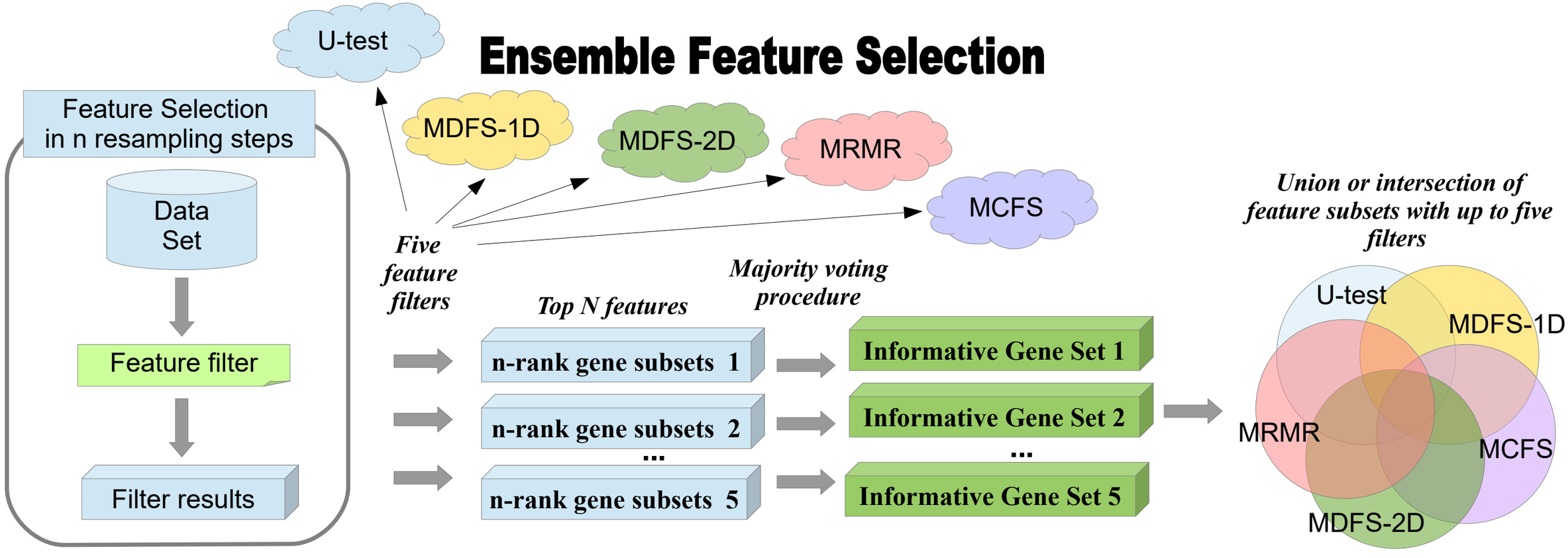
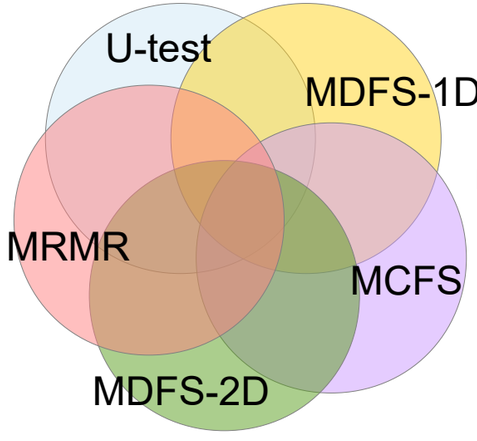
Feature Selection




Ensemble Feature Selection
U-test
MDFS-1D
MDFS-2D
MRMR
MCFS
Feature Selection
in n resampling steps
Data
Set
Feature filter
Filter results
Five
feature
filters
Top N features
Majority voting
procedure
n-rank gene subsets 1
n-rank gene subsets 2
...
n-rank gene subsets 5
Informative Gene Set 1
Informative Gene Set 2
...
Informative Gene Set 5
Union or intersection of
feature subsets with up to five
filters
U-test
MDFS-1D
MRMR
MCFS
MDFS-2D

Gene Information

Union or intersection of feature subsets with up to five filters



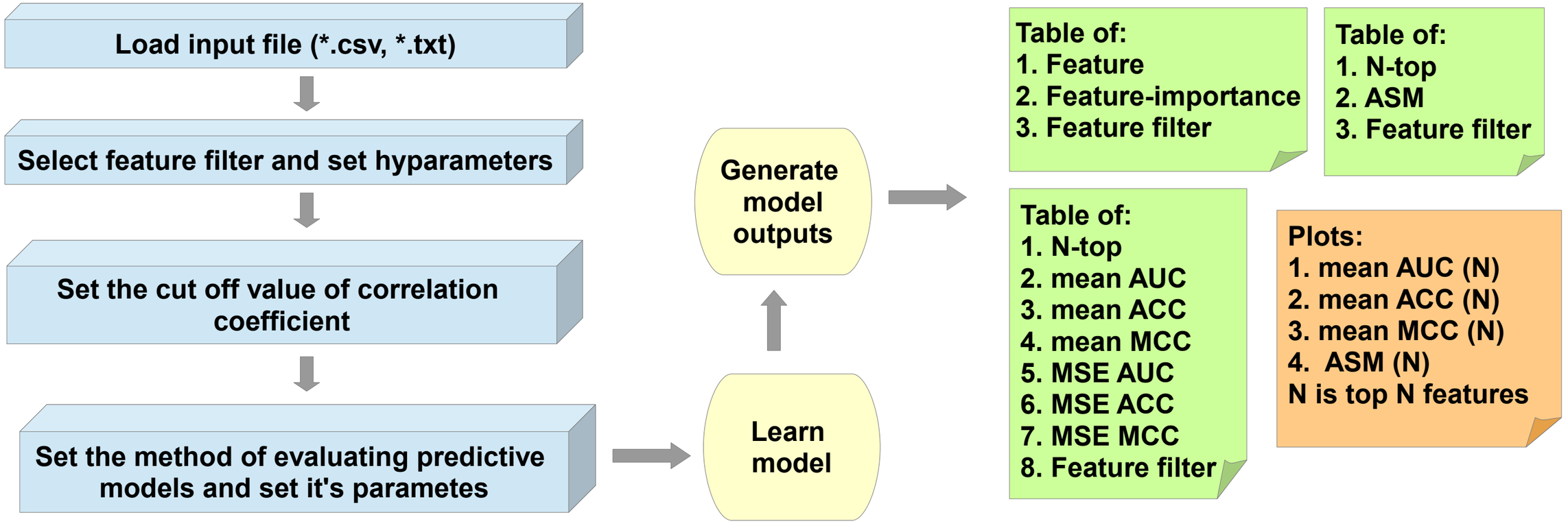
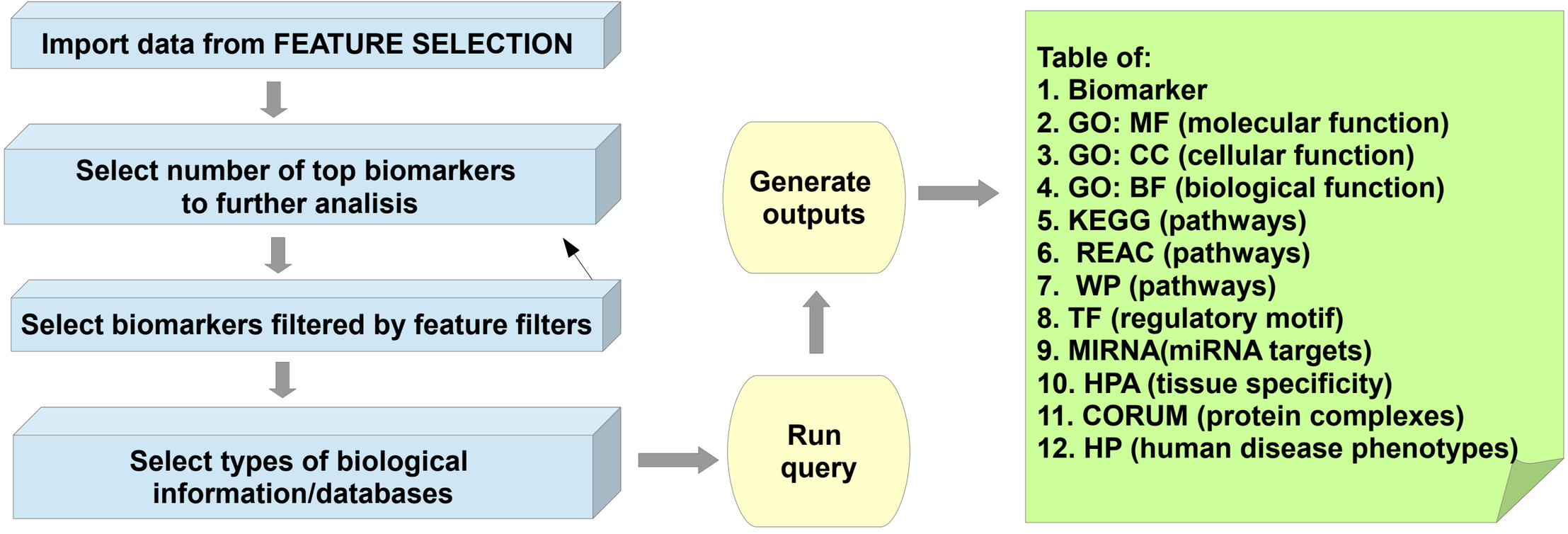
Data bases

- Transfac
- Gene Ontology
- miRTarBase
- Reactome
- WikiPathways
- KEGG
- Human Protein Atlas
- CORUM
- Human Phenotype Ontology

Biological information

- regulatory motif
- Cellular component
- Molecular function
- miRNA targets
- Biological process
- pathways
- tissue specificity
- protein complexes
- human disease phenotypes

Feature Selection module functionalities



Gene Information module functionalities