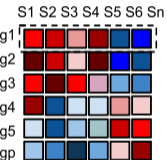


Input

Gene expression matrix



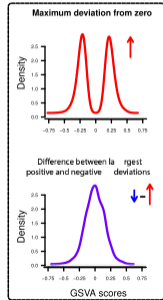
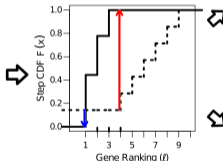
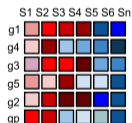
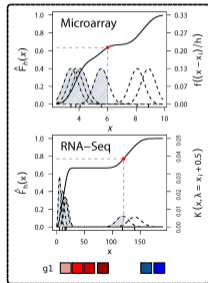
Data base of gene set



k gene sets

GSVA Algorithm

1. Gene expression level statistic
2. Rank order per sample
3. KS-like random statistic
4. Different score distributions



Output

GSVA score matrix

