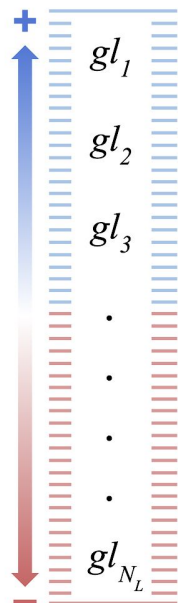


A. Gene expression signatures

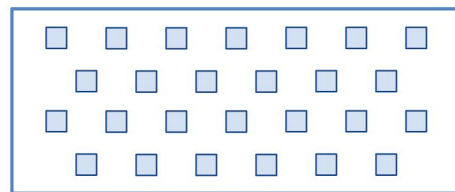
Rank-ordered List (L)

Drug profile

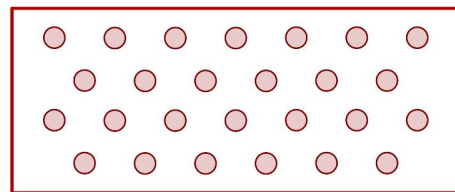


Gene Set (S)

Disease profile



Up-regulated gene set (S_{up})



Down-regulated gene set (S_{down})

B. Connectivity

■ Gene in S_{up}

● Gene in S_{down}

— gl_j with +ve $d(gl_j)$ score

— gl_j with -ve $d(gl_j)$ score

