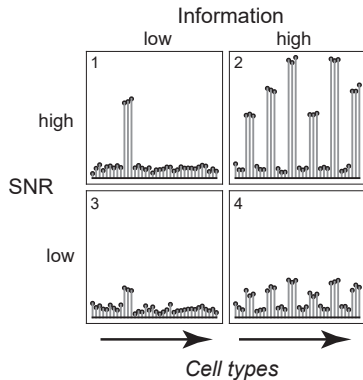
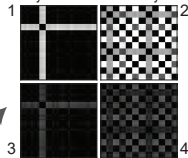


Expression (Signal: S)



Fold-Change Matrix

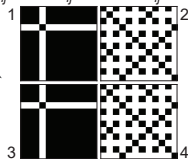
$$FC_{ij} = |\log_2(S_i / S_j)|$$



Fold-Change Ratio (FCR)

$$FCR = \frac{\overline{FC}_{DM=1}}{\overline{FC}_{DM=0}}$$

Differentiation Matrix
 $DM_{ij} = (FC_{ij} > th) \& (q_{ij} < 0.05)$



Diff. Expressed Fraction (DEF)

$$DEF = \frac{\sum_{i < j} DM_{ij}}{n(n-1)/2}$$

DEF
FCR

