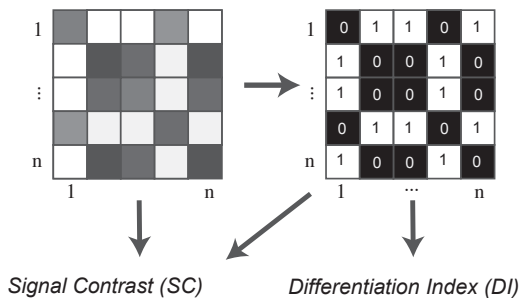


A *Signal Ratio Matrix* $SR_{ij} = |S_i - S_j|$ ($S = \log_2(\text{FPKM} + 1)$) *Differentiation Matrix* $DM_{ij} = (SR_{ij} > th) \& (q_{ij} < 0.05)$



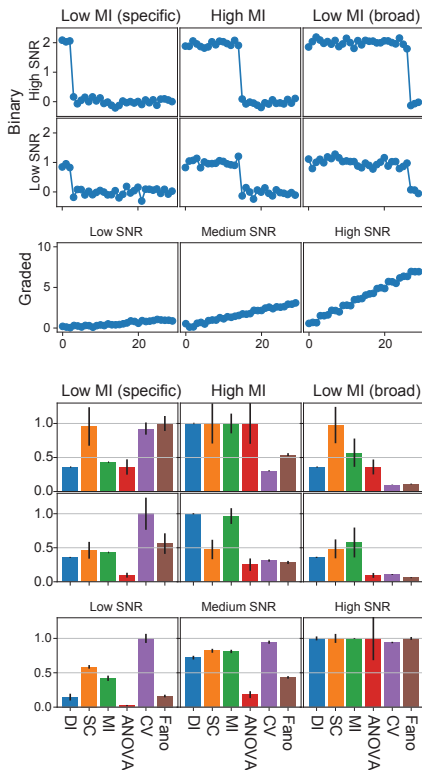
$$SC = \frac{SR_{DM=1}}{SR_{DM=0}}$$

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

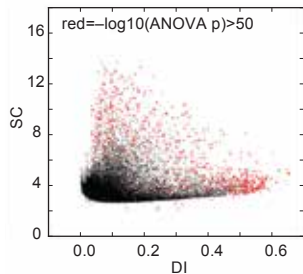
C

	Mutual Information	SNR
DI	O	X
SC	X	O
MI	O	X
ANOVA	△	△
CV	X	X
Fano (VMR)	X	△

B



D



E

