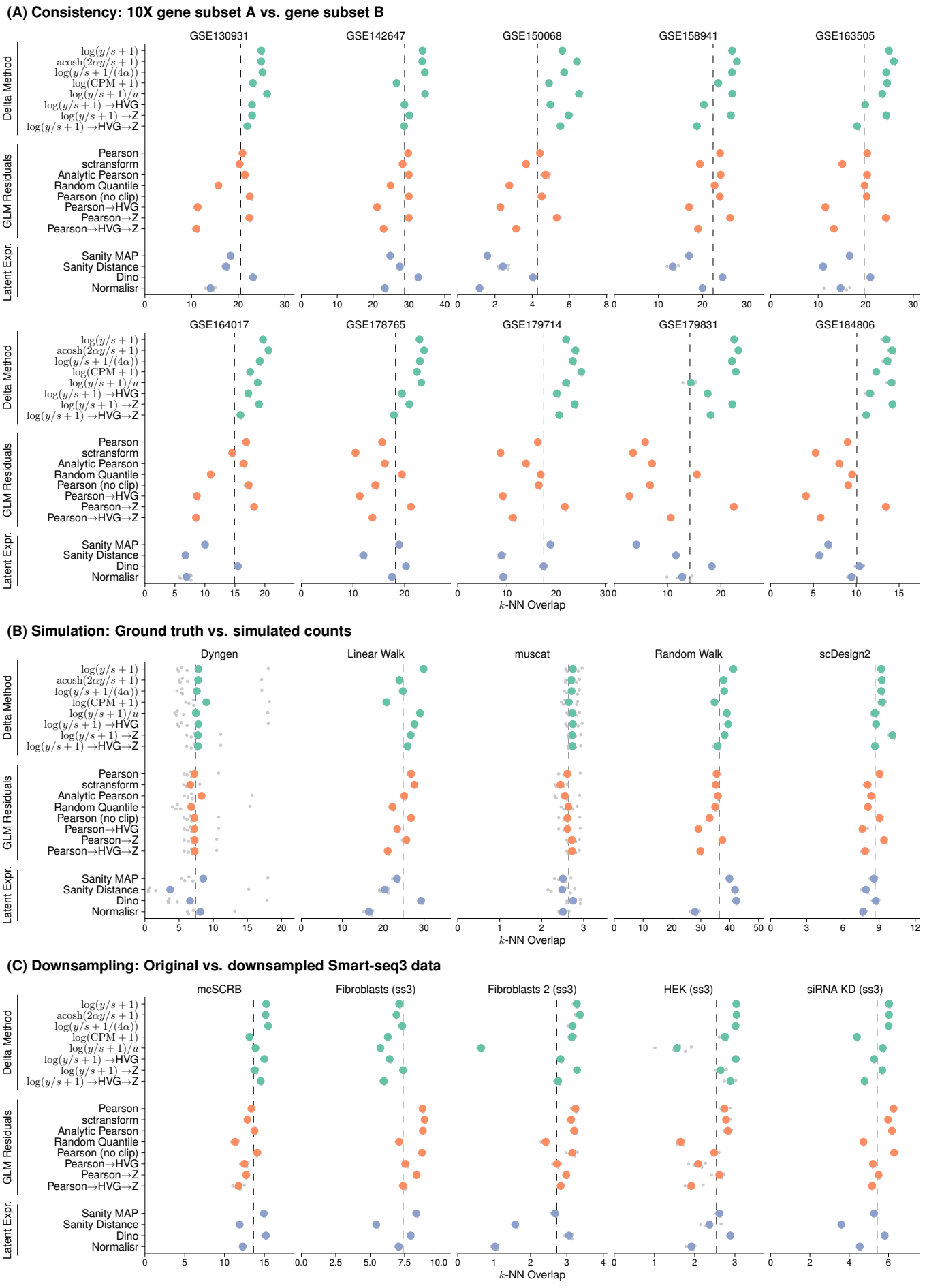
(A) Consistency: 10X gene subset A vs. gene subset B
GSE130931
GSE142647
GSE150068
GSE158941
GSE163505
GSE164017
GSE178765
GSE179714
GSE179831
GSE184806
Delta Method
GLM Residuals
Latent Expr.
$\log(y/s+1)$
$\text{acosh}(2\alpha y/s+1)$
$\log(y/s+1/(4\alpha))$
$\log(\text{CPM}+1)$
$\log(y/s+1)/u$
$\log(y/s+1)\rightarrow$HVG
$\log(y/s+1)\rightarrow$Z
$\log(y/s+1)\rightarrow$HVG$\rightarrow$Z
Pearson
sctransform
Analytic Pearson
Random Quantile
Pearson (no clip)
Pearson$\rightarrow$HVG
Pearson$\rightarrow$Z
Pearson$\rightarrow$HVG$\rightarrow$Z
Sanity MAP
Sanity Distance
Dino
Normalisr
k-NN Overlap
(B) Simulation: Ground truth vs. simulated counts
Dyngen
Linear Walk
muscat
Random Walk
scDesign2
k-NN Overlap
(C) Downsampling: Original vs. downsampled Smart-seq3 data
mcSCRB
Fibroblasts (ss3)
Fibroblasts 2 (ss3)
HEK (ss3)
siRNA KD (ss3)
k-NN Overlap