(A) Integration of conditions

Panels (left to right): Angelidis, Aztekin, Bhattacherjee, Bunis, Canogamez, Goldfarbmuren, Hrvatin, Jakel, Kang, Pijuan-Sala, Reyfman, Sathyamurthy, Skinnider

Rows (top to bottom): kNN Mix, log MMD, Wasserstein, Var. Expl. Condition

x-axis labels (per panel): PCA, Harmony, Param. Harmony, Rigid LEMUR, LEMUR, CPA, CPA (64 dim)
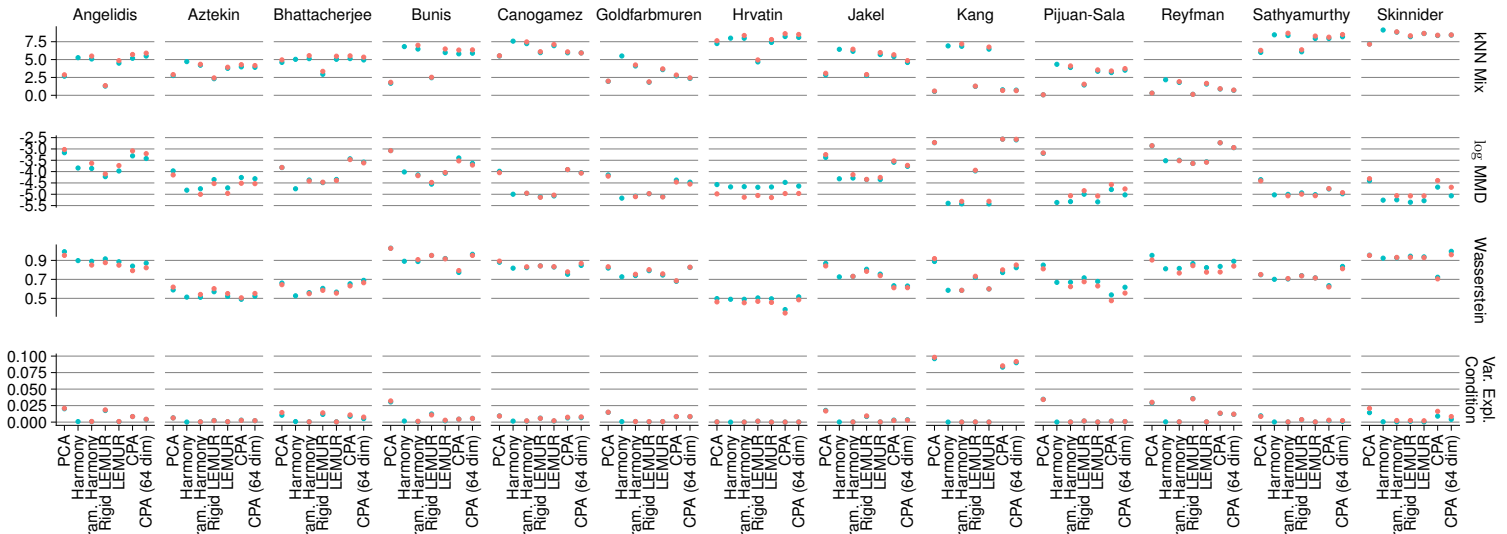
(B) Biological signal retention

Panels (left to right): Angelidis, Aztekin, Bhattacherjee, Bunis, Canogamez, Goldfarbmuren, Hrvatin, Jakel, Kang, Pijuan-Sala, Reyfman, Sathyamurthy, Skinnider

Rows (top to bottom): ARI, AMI, NMI, Var. Expl. Cell type
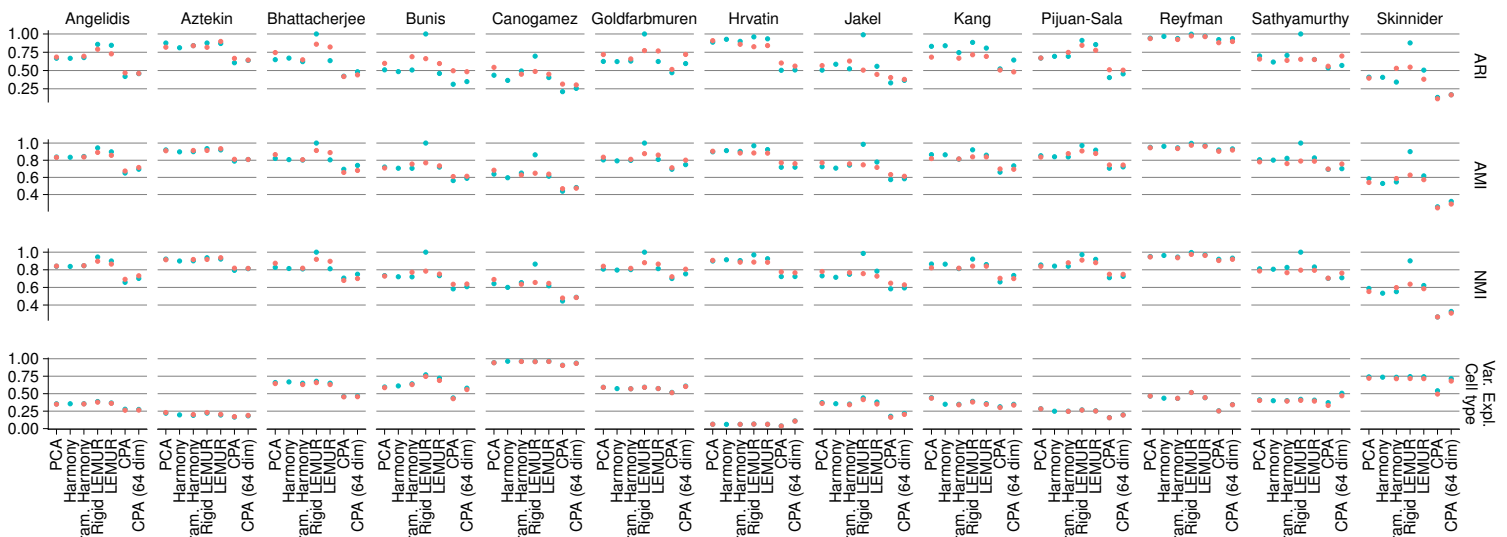
(C) Ration of variance explained $\frac{condition}{cell\ type}$

Panels (left to right): Angelidis, Aztekin, Bhattacherjee, Bunis, Canogamez, Goldfarbmuren, Hrvatin, Jakel, Kang, Pijuan-Sala, Reyfman, Sathyamurthy, Skinnider

● Holdout   ● Training