

	Overall	Dataset	Metric
Name	Score	Immune (by batch) Lung Pancreas (by batch)	ARI Cell Cycle Score Graph connectivity Isolated label F1 kBET NMI PC Regression Silhouette Batch ASW
scANVI (hvg/unscaled)			
scANVI (full/unscaled)			
MNN (hvg/scaled)			
Combat (hvg/unscaled)			
scVI (full/unscaled)			
scVI (hvg/unscaled)			
Combat (full/unscaled)			
SCALEX (hvg)			
MNN (hvg/unscaled)			
Harmony (hvg/scaled)			
Combat (hvg/scaled)			
Scanorama (hvg/scaled)			
Harmony (hvg/unscaled)			
MNN (full/unscaled)			
Scanorama (full/scaled)			
Harmony (full/unscaled)			
Harmony (full/scaled)			
MNN (full/scaled)			
FastMNN embed (hvg/unscaled)			
SCALEX (full)			
FastMNN embed (hvg/scaled)			
Scanorama (hvg/unscaled)			
Combat (full/scaled)			
Scanorama gene output (hvg/scaled)			
FastMNN embed (full/unscaled)			
FastMNN embed (full/scaled)			
Scanorama gene output (hvg/unscaled)			
Scanorama gene output (full/scaled)			
Scanorama gene output (full/unscaled)			
Scanorama (full/unscaled)			
Liger (hvg/unscaled)			
Liger (full/unscaled)			

Rank

N 1

Score

min max