## Metrics for dataset: brain\_sim\_DEG\_10\_CELLS\_1000\_balanced 1.5e+07 **-**2.0e+07 **-**Metric Value Mean 0.74 Median 1.5e+07 1.0e+07 S.D. Frequency 1.0e+07 1.0e+07-5.41 Variance 29.3 (0, 1634)Range 73.46% Sparsity 5.0e+06 N Cells 1002 N Genes 19500 % Dynamic 10% 0.0e+00 -0.0e+00 Allocation Balanced 10.0 500 1,000 2.5 5.0 7.5 1,500 0.0 Normalized Expression Raw Expression N Subjects 6 Louvain Cluster Subject P1 P2 P3 Louvain Cluster Subject True Ordering P1 1.00 P2 $\sim$ 0.75 $^{\prime}$ PC PC P6 0.50 0.25 P6 UMAP 1 PC 1

PC 1