## Metrics for dataset: brain\_sim\_DEG\_20\_CELLS\_500\_unbalanced 1.0e+07 **7** Metric Value Mean 0.74 6e+06 7.5e+06 **-**Median 0 S.D. 5.49 Frequency - 90+a0°5 Frequency Variance 30.17 4e+06 (0, 1719) Range 73.67% Sparsity 2e+06 2.5e+06 N Cells 500 N Genes 19181 % Dynamic 20% 0.0e+00 -0e+00 Allocation Unbalanced 10.0 500 1,000 0.0 5.0 7.5 1,500 2.5 Normalized Expression N Subjects 6 Raw Expression Louvain Cluster Subject P2 P3 Subject Louvain Cluster True Ordering 1.00 $\sim$ 0.75 ВС Р3 $\mathsf{PC}$ 0.50 0.25 P6 UMAP 1 PC 1 PC 1