## Metrics for dataset: brain\_sim\_DEG\_10\_CELLS\_500\_balanced 1.0e+07 **-**Metric Value Mean 0.75 6e+06 Median 7.5e+06 -S.D. 5.6 Frequency 500+90.5 Frequency 31.38 Variance 4e+06 Range (0, 1545)72.9% Sparsity 2e+06 2.5e+06 N Cells 504 N Genes 19220 % Dynamic 10% 0.0e+00 -0e+00 Allocation Balanced 10.0 500 1,000 1,500 0.0 5.0 7.5 2.5 Normalized Expression Raw Expression N Subjects 6 Louvain Cluster Subject P1 P2 P3 Subject True Ordering 1.00 Louvain Cluster P2 $\sim$ PC<sub>2</sub> 0.75 ВС Р3 P6 0.50 0.25 P5 P6 UMAP 1 PC 1 PC 1