DETAILS: SERIAL VERSION OF THE CODE

DATASET: AML AND ALL DATASET WITH 7129 SAMPLES AND 34 GENES

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Number of Clusters | Distance Metric | Silhouette Score | Time in Seconds for kmed clustering | Clock Cycles for kmed clustering | Time in seconds for silhoutte score | Clock Cycles for  Silhoutte score |
| K=2 | Manhattan |  |  |  |  |  |
| K=3 | Manhattan |  |  |  |  |  |
| K=4 | Manhattan |  |  |  |  |  |
| K=6 | Manhattan |  |  |  |  |  |
| K=8 | Manhattan |  |  |  |  |  |
| K=10 | Manhattan |  |  |  |  |  |
| K=2 | Euclidean |  |  |  |  |  |
| K=3 | Euclidean |  |  |  |  |  |
| K=4 | Euclidean |  |  |  |  |  |
| K=6 | Euclidean |  |  |  |  |  |
| K=8 | Euclidean |  |  |  |  |  |
| K=10 | Euclidean |  |  |  |  |  |

DETAILS: SERIAL VERSION OF THE CODE

DATASET: A RICE GENE EXPRESSION MATRIX DATASET WITH 10K SAMPLES AND 35 GENES

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Number of Clusters | Distance Metric | Silhouette Score | Time in Seconds for kmed clustering | Clock Cycles for kmed clustering | Time in seconds for silhoutte score | Clock Cycles for  Silhoutte score |
| K=2 | Manhattan |  |  |  |  |  |
| K=3 | Manhattan |  |  |  |  |  |
| K=4 | Manhattan |  |  |  |  |  |
| K=6 | Manhattan |  |  |  |  |  |
| K=8 | Manhattan |  |  |  |  |  |
| K=10 | Manhattan |  |  |  |  |  |
| K=2 | Euclidean |  |  |  |  |  |
| K=3 | Euclidean |  |  |  |  |  |
| K=4 | Euclidean |  |  |  |  |  |
| K=6 | Euclidean |  |  |  |  |  |
| K=8 | Euclidean |  |  |  |  |  |
| K=10 | Euclidean |  |  |  |  |  |