|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Dataset | Total Points | k | Alg. 7  (Euclidean) | | Alg. 7  (Manhattan) | | Alg. 7  (Chebyshev) | | k-means | | WAC | |
| ARI | SC | ARI | SC | ARI | SC | ARI | SC | ARI | SC |
| A1 | 3000 | 20 | 0.8724 | 0.6441 | 0.8314 | 0.5823 | 0.8179 | 0.542 | 0.826 | 0.595 | 0.7926 | 0.5762 |
| A2 | 5250 | 35 | 0.849 | 0.6247 | 0.8158 | 0.5672 | 0.7874 | 0.5034 | 0.8277 | 0.5975 | 0.7885 | 0.5797 |
| A3 | 7500 | 50 | 0.8573 | 0.6498 | 0.7835 | 0.5455 | 0.7623 | 0.5127 | 0.8213 | 0.5894 | 0.8091 | 0.5875 |
| S1 | 5000 | 15 | 0.8341 | 0.6534 | 0.8214 | 0.6192 | 0.7466 | 0.5282 | 0.8523 | 0.7112 | 0.8332 | 0.7084 |
| S2 | 5000 | 15 | 0.8414 | 0.5892 | 0.8253 | 0.5748 | 0.8045 | 0.5536 | 0.8672 | 0.6261 | 0.8527 | 0.6076 |
| t4.8k | 8000 | 6 | - | 0.4713 | - | 0.4188 | - | 0.3995 | - | 0.4125 | - | 0.3667 |
| Unbalance | 6500 | 8 | 0.892 | 0.8386 | 0.8798 | 0.8157 | 0.8486 | 0.7961 | 0.6478 | 0.4842 | 0.7884 | 0.7225 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Dataset | | Total Points | k | | Alg. 7  (Euclidean) | | Alg. 7  (Manhattan) | | DIANA | | | k-means | | Affinity Prop. | | | | WAC | |
| ARI | SC | ARI | SC | ARI | SC | ARI | | SC | | ARI | SC | ARI | | SC |
| Aggregation | | 788 | 7 | | 0.8133 | 0.5023 | 0.8561 | 0.5325 | 0.7745 | 0.4737 | 0.7952 | | 0.4801 | | 0.3456 | 0.4052 | 0.769 | | 0.4716 |
| Flame | | 240 | 2 | | 0.762 | 0.4615 | 0.7475 | 0.4379 | 0.4825 | 0.359 | 0.4901 | | 0.378 | | 0.4423 | 0.3418 | 0.711 | | 0.4159 |
| Compound | | 399 | 6 | | 0.5972 | 0.4916 | 0.5413 | 0.4692 | 0.4923 | 0.487 | 0.5364 | | 0.4312 | | 0.3557 | 0.4151 | 0.5506 | | 0.4175 |
| R15 | | 600 | 15 | | 0.7553 | 0.4752 | 0.7266 | 0.4482 | 0.714 | 0.4368 | 0.7512 | | 0.472 | | 0.7034 | 0.4688 | 0.739 | | 0.4622 |
| Alg. 7  (Chebyshev) | | | |
| ARI | SC | | |
| 0.8039 | 0.4881 | | |
| 0.682 | 0.3942 | | |
| 0.5189 | 0.4251 | | |
| 0.6945 | 0.4055 | | |