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| --- | --- | --- | --- |
| Dataset | Kmeans | Modified java |  |
| IRIS ( k=3 ) | -182.24685772 | -166.4627262626894 |  |
| GLASS (k=7) | -110.6948724 |  |  |
| WINE(k=3) | 2877.02584316 | 2887.883672466871 |  |
| PARKINSONS(k=50) | -24.47606587 |  |  |
| Random\_2d(k=4) | 168.75509448 | 197.3595159214743 |  |
| Random\_3d(k=4) | 323.53549326 | 377.2749821612049 |  |
| IONOSPHERE(k=2) | -121.18218914 | -82.1409469200792 |  |
| SEGMENTATION(k=7) | 390.52248995 | 488.8461043166075 |  |