| Datasets | Speed Comparison in seconds | | | | | Accuracy by KNN (%) | | | Accuracy by Linear SVM (%) | | |
|------------|-----------------------------|---------------------|---------|-------|-------------|---------------------|--------|--------|----------------------------|--------|--------|
| | TED | RRSS _{Nie} | RRSSour | ARSS | $ARSS(N^*)$ | TED | RRSS | ARSS | TED | RRSS | ARSS |
| Vehicle | 33.1 | 1399.4 | 28.2 | 2.4 | 3.6 | 58.904 | 63.014 | 62.329 | 71.233 | 75.342 | 76.027 |
| Diabetes | 15.4 | 1271.3 | 2.1 | 8.0 | 2.5 | 58.929 | 68.452 | 69.643 | 66.667 | 73.810 | 74.405 |
| Optdigit | 3082.6 | 138486.8 | 637.7 | 36.2 | 46.9 | 89.816 | 91.208 | 91.375 | 91.931 | 91.430 | 92.265 |
| Waveform | 3467.5 | 147095.2 | 597.7 | 12.9 | 28.2 | 73.875 | 79.375 | 80.375 | 83.500 | 85.500 | 84.875 |
| Satimage | 2651.8 | 115158.5 | 416.3 | 21.4 | 45.0 | 82.000 | 69.950 | 79.500 | 78.300 | 67.450 | 79.100 |
| University | 83206.0 | >9624600.0 | 23409.2 | 507.3 | 1173.3 | 64.131 | 70.941 | 69.684 | 66.776 | 71.635 | 72.679 |
| Center | 9742.3 | 581159.9 | 2366.5 | 48.3 | 6539.9 | 30.864 | 51.954 | 53.845 | 42.872 | 59.899 | 61.907 |
| MNIST | 8785.8 | 1092390.0 | 5558.8 | 86.6 | 2944.3 | 75.545 | 78.667 | 76.985 | 82.611 | 83.684 | 82.116 |
| Letter | 120577.9 | 7515330.0 | 1351.9 | 109.8 | 157.0 | 29.843 | 40.929 | 41.543 | 37.843 | 46.886 | 47.157 |
| Average | 25729.1 | >2135210.1 | 3818.7 | 91.7 | 1215.6 | 62.656 | 68.277 | 69.475 | 69.081 | 72.848 | 74.503 |