**Table S3 Results of the Scalability Experiments​**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SampleSize | Number of Attributes | ImbalanceRatio | Time(s) | Memory(MB) |
| 1000 | 10 | 3 | 0.11  | 205.30  |
| 1000 | 50 | 3 | 0.17  | 205.70  |
| 1000 | 100 | 3 | 0.25  | 207.30  |
| 1000 | 200 | 3 | 0.39  | 210.90  |
| 5000 | 10 | 3 | 0.92  | 209.70  |
| 5000 | 50 | 3 | 2.25  | 211.70  |
| 5000 | 100 | 3 | 4.16  | 215.30  |
| 5000 | 200 | 3 | 7.83  | 223.00  |
| 10000 | 10 | 3 | 2.86  | 216.10  |
| 10000 | 50 | 3 | 7.98  | 218.30  |
| 10000 | 100 | 3 | 16.04  | 223.20  |
| 10000 | 200 | 3 | 37.35  | 235.80  |
| 100000 | 10 | 3 | 229.67  | 219.00  |
| 100000 | 50 | 3 | 1531.49  | 250.60  |
| 100000 | 100 | 3 | 3992.78  | 291.00  |
| 100000 | 200 | 3 | 6277.49  | 371.50  |
| 1000 | 10 | 10 | 0.10  | 198.80  |
| 1000 | 50 | 10 | 0.16  | 201.60  |
| 1000 | 100 | 10 | 0.23  | 204.30  |
| 1000 | 200 | 10 | 0.38  | 206.00  |
| 5000 | 10 | 10 | 0.89  | 206.30  |
| 5000 | 50 | 10 | 2.20  | 209.80  |
| 5000 | 100 | 10 | 3.78  | 213.50  |
| 5000 | 200 | 10 | 7.37  | 221.90  |
| 10000 | 10 | 10 | 2.66  | 215.50  |
| 10000 | 50 | 10 | 7.27  | 219.30  |
| 10000 | 100 | 10 | 14.95  | 221.90  |
| 10000 | 200 | 10 | 32.64  | 233.00  |
| 100000 | 10 | 10 | 161.95  | 230.50  |
| 100000 | 50 | 10 | 1400.85  | 270.10  |
| 100000 | 100 | 10 | 3366.91  | 312.40  |
| 100000 | 200 | 10 | 9504.32  | 372.10  |