|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dataset | Minority class | # Features | # Instances | # Minority instances | # Majority instances | Imbalance Ratio |
| *Breast* | car, fad | 9 | 106, 88, 79 | 36, 18, 9 | 70 | 1.94, 3.89, 7.78 |
| *Ecoli* | pp | 7 | 336, 310, 297, 292 | 52, 26, 13, 8 | 284 | 5.46, 10.92, 21.85, 35.50 |
| *Glass* | 1 | 9 | 214, 179, 161, 155 | 70, 35, 17, 11 | 144 | 2.06, 4.11, 8.47, 13.09 |
| *Haberman* | 2 | 3 | 306, 265, 245, 238, 233 | 81, 40, 20, 13, 8 | 225 | 2.78, 5.62, 11.25, 17.31, 28.12 |
| *Heart* | 1 | 13 | 270, 210, 180, 170, 162, 158 | 120, 60, 30, 20, 12, 8 | 150 | 1.25, 2.50, 5.00, 7.50, 12.50, 18.75 |
| *Iris* | 2 | 4 | 150, 125, 112, 108 | 50, 25, 12, 8 | 100 | 2.00, 4.00, 8.33, 12.50 |
| *Libra* | 1, 2, 3 | 90 | 360, 324, 306, 300 | 72, 36, 18, 12 | 288 | 4.00, 8.00, 16.00, 24.00 |
| *Liver* | 1 | 6 | 345, 272, 236, 224, 214, 209 | 145, 72, 36, 24, 14, 9 | 200 | 1.38, 2.78, 5.56, 8.33, 14.29, 22.22 |
| *Pima* | 1 | 8 | 768, 634, 567, 544, 526, 517, 513 | 268, 134, 67, 44, 26, 17, 13 | 500 | 1.87, 3.73, 7.46, 11.36, 19.23, 29.41, 38.46 |
| *Segment* | WINDOW | 16 | 2310, 2145, 2062, 2035, 2013, 2001, 1996 | 330, 165, 82, 55, 33, 21, 16 | 1980 | 6.00, 12.00, 24.15, 36.00, 60.00, 94.29, 123.75 |
| *Vehicle* | van | 18 | 846, 746, 696, 680, 666, 660, 656 | 199, 99, 49, 33, 19, 13, 9 | 647 | 3.25, 6.54, 13.20, 19.61, 34.05, 49.77, 71.89 |
| *Wine* | 2 | 13 | 178, 142, 124, 118 | 71, 35, 17, 11 | 107 | 1.51, 3.06, 6.29, 9.73 |
| *Simulated1* | 1 | 20 | 4000 | 25 | 3975 | 159.00 |
| *Simulated2* | 1 | 20 | 4000 | 23 | 3977 | 172.91 |
| *Simulated3* | 1 | 20 | 4000 | 23 | 3977 | 172.91 |
| *Simulated4* | 1 | 20 | 4000 | 26 | 3974 | 152.85 |
| *Simulated5* | 1 | 20 | 4000 | 23 | 3977 | 172.91 |
| *Simulated6* | 1 | 200 | 3000 | 20 | 2980 | 149.00 |
| *Simulated7* | 1 | 200 | 3000 | 19 | 2981 | 156.89 |
| *Simulated8* | 1 | 200 | 3000 | 15 | 2985 | 199.00 |
| *Simulated9* | 1 | 200 | 3000 | 13 | 2987 | 229.77 |
| *Simulated10* | 1 | 200 | 3000 | 22 | 2978 | 135.36 |