

| Balancing       |            | Turbine |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----------------|------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                 |            | 1       | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  |
| Precision score |            |         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Min             | Imbalanced | .46     | .78 | .82 | .81 | .75 | .85 | .61 | .84 | .62 | .84 | .79 | .83 | .82 | .88 | .57 | .66 | .73 | .86 | .86 | .87 | .90 | .90 | .88 | .82 | .88 |
|                 | Balanced   | .45     | .77 | .81 | .80 | .75 | .85 | .61 | .84 | .62 | .84 | .79 | .82 | .82 | .87 | .57 | .66 | .72 | .86 | .86 | .85 | .90 | .90 | .88 | .80 | .88 |
| Mean            | Imbalanced | .87     | .91 | .93 | .93 | .93 | .93 | .88 | .93 | .92 | .94 | .92 | .93 | .91 | .95 | .87 | .91 | .90 | .94 | .93 | .93 | .95 | .96 | .95 | .92 | .95 |
|                 | Balanced   | .86     | .91 | .93 | .93 | .93 | .93 | .88 | .93 | .92 | .94 | .92 | .93 | .91 | .95 | .87 | .91 | .90 | .94 | .93 | .92 | .95 | .96 | .95 | .91 | .95 |
| Max             | Imbalanced | .97     | .98 | .98 | .98 | .98 | .97 | .95 | .96 | .97 | .98 | .97 | .96 | .97 | .98 | .96 | .96 | .96 | .98 | .97 | .96 | .98 | .99 | .98 | .97 | .98 |
|                 | Balanced   | .97     | .98 | .98 | .98 | .99 | .97 | .95 | .97 | .98 | .98 | .97 | .96 | .97 | .98 | .96 | .96 | .97 | .98 | .98 | .97 | .98 | .99 | .98 | .97 | .98 |
| Recall score    |            |         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Min             | Imbalanced | .45     | .80 | .76 | .82 | .82 | .88 | .64 | .86 | .60 | .86 | .79 | .84 | .84 | .92 | .64 | .68 | .72 | .90 | .91 | .87 | .92 | .91 | .88 | .81 | .92 |
|                 | Balanced   | .38     | .77 | .74 | .81 | .80 | .86 | .58 | .85 | .57 | .83 | .78 | .81 | .83 | .90 | .60 | .64 | .67 | .89 | .89 | .84 | .90 | .89 | .88 | .81 | .89 |
| Mean            | Imbalanced | .88     | .93 | .94 | .94 | .94 | .94 | .88 | .93 | .93 | .95 | .94 | .94 | .93 | .96 | .90 | .92 | .91 | .95 | .95 | .94 | .96 | .96 | .96 | .92 | .96 |
|                 | Balanced   | .86     | .92 | .93 | .93 | .94 | .93 | .87 | .93 | .92 | .93 | .93 | .93 | .92 | .95 | .89 | .92 | .90 | .94 | .94 | .92 | .96 | .95 | .96 | .91 | .95 |
| Max             | Imbalanced | .97     | .98 | .98 | .98 | .98 | .97 | .94 | .96 | .97 | .98 | .97 | .96 | .97 | .98 | .96 | .96 | .96 | .98 | .98 | .96 | .98 | .99 | .98 | .97 | .98 |
|                 | Balanced   | .97     | .98 | .98 | .98 | .99 | .97 | .93 | .97 | .98 | .98 | .97 | .96 | .97 | .98 | .96 | .96 | .96 | .98 | .98 | .97 | .98 | .99 | .98 | .97 | .98 |
| F1 score        |            |         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Min             | Imbalanced | .44     | .78 | .77 | .78 | .77 | .86 | .61 | .85 | .57 | .85 | .76 | .82 | .82 | .90 | .59 | .63 | .70 | .88 | .88 | .85 | .91 | .90 | .87 | .79 | .90 |
|                 | Balanced   | .41     | .77 | .75 | .78 | .77 | .86 | .58 | .84 | .55 | .83 | .76 | .81 | .82 | .88 | .57 | .61 | .68 | .87 | .88 | .82 | .90 | .89 | .87 | .79 | .89 |
| Mean            | Imbalanced | .87     | .91 | .93 | .93 | .93 | .94 | .88 | .93 | .92 | .94 | .93 | .93 | .92 | .95 | .88 | .91 | .90 | .94 | .94 | .93 | .96 | .96 | .95 | .92 | .95 |
|                 | Balanced   | .86     | .91 | .93 | .93 | .93 | .93 | .87 | .92 | .92 | .93 | .92 | .93 | .92 | .95 | .88 | .91 | .90 | .94 | .93 | .91 | .96 | .95 | .95 | .91 | .95 |
| Max             | Imbalanced | .97     | .98 | .98 | .98 | .98 | .97 | .94 | .96 | .97 | .98 | .97 | .96 | .96 | .97 | .96 | .96 | .96 | .98 | .97 | .96 | .98 | .99 | .98 | .96 | .98 |
|                 | Balanced   | .97     | .98 | .98 | .98 | .99 | .97 | .94 | .96 | .98 | .98 | .97 | .96 | .97 | .98 | .96 | .96 | .96 | .98 | .98 | .97 | .98 | .99 | .98 | .97 | .98 |