

| CLP           |      |      |      |        |           |           |            |       | AUPRC-MACRO   |     |      |     |        |           |           |            |       |
|---------------|------|------|------|--------|-----------|-----------|------------|-------|---------------|-----|------|-----|--------|-----------|-----------|------------|-------|
|               | Grf  | Lorf | ECC  | HPML.D | HPML.D.CI | HPML.D.CE | HPML.D.CEI | Média |               | Grf | Lorf | ECC | HPML.D | HPML.D.CI | HPML.D.CE | HPML.D.CEI | Média |
| Grf           | 0    | 0    | 7    | 1      | 1         | 8         | 2          | 3,2   | Grf           | 0   | 9    | 8   | 9      | 9         | 8         | 9          | 8,7   |
| Lorf          | 14   | 0    | 14   | 2      | 4         | 14        | 3          | 8,5   | Lorf          | 1   | 0    | 5   | 7      | 8         | 5         | 7          | 5,5   |
| ECC           | 7    | 0    | 0    | 0      | 0         | 9         | 0          | 2,7   | ECC           | 2   | 5    | 0   | 4      | 5         | 2         | 7          | 4,2   |
| HPML.D        | 13   | 11   | 14   | 0      | 6         | 13        | 6          | 10,5  | HPML.D        | 1   | 3    | 6   | 0      | 8         | 4         | 6          | 4,7   |
| HPML.D.CI     | 13   | 9    | 14   | 7      | 0         | 13        | 7          | 10,5  | HPML.D.CI     | 1   | 2    | 5   | 2      | 0         | 3         | 5          | 3,0   |
| HPML.D.CE     | 6    | 0    | 5    | 1      | 1         | 0         | 0          | 2,2   | HPML.D.CE     | 2   | 5    | 8   | 6      | 7         | 0         | 10         | 6,3   |
| HPML.D.CEI    | 12   | 11   | 14   | 8      | 7         | 14        | 0          | 11,0  | HPML.D.CEI    | 1   | 3    | 3   | 4      | 5         | 0         | 0          | 2,7   |
| Média         | 10,8 | 5,2  | 11,3 | 3,2    | 3,2       | 11,8      | 3,0        |       | Média         | 1,3 | 4,5  | 5,8 | 5,3    | 7,0       | 3,7       | 7,3        |       |
| MLP           |      |      |      |        |           |           |            |       | AUPRC-MICRO   |     |      |     |        |           |           |            |       |
|               | Grf  | Lorf | ECC  | HPML.D | HPML.D.CI | HPML.D.CE | HPML.D.CEI | Média |               | Grf | Lorf | ECC | HPML.D | HPML.D.CI | HPML.D.CE | HPML.D.CEI | Média |
| Grf           | 0    | 0    | 10   | 0      | 0         | 7         | 0          | 2,8   | Grf           | 0   | 12   | 10  | 12     | 12        | 8         | 12         | 11,0  |
| Lorf          | 14   | 0    | 14   | 9      | 13        | 14        | 10         | 12,3  | Lorf          | 2   | 0    | 5   | 5      | 10        | 1         | 12         | 5,8   |
| ECC           | 4    | 0    | 0    | 1      | 0         | 6         | 1          | 2,0   | ECC           | 4   | 9    | 0   | 9      | 11        | 3         | 13         | 8,2   |
| HPML.D        | 14   | 2    | 13   | 0      | 11        | 13        | 9          | 10,3  | HPML.D        | 2   | 8    | 5   | 0      | 9         | 3         | 12         | 6,5   |
| HPML.D.CI     | 14   | 0    | 14   | 2      | 0         | 13        | 7          | 8,3   | HPML.D.CI     | 2   | 3    | 3   | 4      | 0         | 1         | 12         | 4,2   |
| HPML.D.CE     | 7    | 0    | 8    | 1      | 1         | 0         | 1          | 3,0   | HPML.D.CE     | 6   | 13   | 11  | 11     | 13        | 0         | 14         | 11,3  |
| HPML.D.CEI    | 14   | 4    | 13   | 4      | 7         | 13        | 0          | 9,2   | HPML.D.CEI    | 2   | 2    | 1   | 2      | 2         | 0         | 0          | 1,5   |
| Média         | 11,2 | 1,0  | 12,0 | 2,8    | 5,3       | 11,0      | 4,7        |       | Média         | 3,0 | 7,8  | 5,8 | 7,2    | 9,5       | 2,7       | 12,5       |       |
| WLP           |      |      |      |        |           |           |            |       | ROC-AUC       |     |      |     |        |           |           |            |       |
|               | Grf  | Lorf | ECC  | HPML.D | HPML.D.CI | HPML.D.CE | HPML.D.CEI | Média |               | Grf | Lorf | ECC | HPML.D | HPML.D.CI | HPML.D.CE | HPML.D.CEI | Média |
| Grf           | 0    | 3    | 11   | 3      | 7         | 11        | 7          | 7,0   | Grf           | 0   | 12   | 11  | 14     | 14        | 9         | 13         | 12,2  |
| Lorf          | 11   | 0    | 13   | 11     | 13        | 14        | 12         | 12,3  | Lorf          | 2   | 0    | 5   | 13     | 13        | 3         | 12         | 8,0   |
| ECC           | 3    | 1    | 0    | 2      | 3         | 4         | 2          | 2,5   | ECC           | 3   | 9    | 0   | 14     | 14        | 3         | 13         | 9,3   |
| HPML.D        | 9    | 2    | 12   | 0      | 10        | 14        | 10         | 9,5   | HPML.D        | 0   | 0    | 0   | 0      | 10        | 0         | 1          | 1,8   |
| HPML.D.CI     | 7    | 0    | 11   | 1      | 0         | 12        | 9          | 6,7   | HPML.D.CI     | 0   | 0    | 0   | 3      | 0         | 0         | 1          | 0,7   |
| HPML.D.CE     | 3    | 0    | 8    | 0      | 1         | 0         | 2          | 2,3   | HPML.D.CE     | 5   | 11   | 11  | 14     | 14        | 0         | 13         | 11,3  |
| HPML.D.CEI    | 7    | 2    | 12   | 4      | 4         | 12        | 0          | 6,8   | HPML.D.CEI    | 1   | 2    | 1   | 13     | 13        | 1         | 0          | 5,2   |
| Média         | 6,7  | 1,3  | 11,2 | 3,5    | 6,3       | 11,2      | 7,0        |       | Média         | 1,8 | 5,7  | 4,7 | 11,8   | 13,0      | 2,7       | 8,8        |       |
| ROC-AUC-MACRO |      |      |      |        |           |           |            |       | ROC-AUC-MICRO |     |      |     |        |           |           |            |       |
|               | Grf  | Lorf | ECC  | HPML.D | HPML.D.CI | HPML.D.CE | HPML.D.CEI | Média |               | Grf | Lorf | ECC | HPML.D | HPML.D.CI | HPML.D.CE | HPML.D.CEI | Média |
| Grf           | 0    | 11   | 10   | 13     | 13        | 10        | 11         | 11,3  | Grf           | 0   | 12   | 11  | 14     | 14        | 9         | 13         | 12,2  |
| Lorf          | 3    | 0    | 11   | 13     | 13        | 7         | 11         | 9,7   | Lorf          | 2   | 0    | 5   | 13     | 13        | 3         | 12         | 8,0   |
| ECC           | 4    | 3    | 0    | 14     | 13        | 2         | 11         | 7,8   | ECC           | 3   | 9    | 0   | 14     | 14        | 3         | 13         | 9,3   |
| HPML.D        | 1    | 0    | 0    | 0      | 9         | 0         | 0          | 1,7   | HPML.D        | 0   | 0    | 0   | 0      | 10        | 0         | 1          | 1,8   |
| HPML.D.CI     | 1    | 0    | 1    | 4      | 0         | 1         | 1          | 1,3   | HPML.D.CI     | 0   | 0    | 0   | 3      | 0         | 0         | 1          | 0,7   |
| HPML.D.CE     | 4    | 7    | 12   | 14     | 13        | 0         | 12         | 10,3  | HPML.D.CE     | 5   | 11   | 11  | 14     | 14        | 0         | 13         | 11,3  |
| HPML.D.CEI    | 3    | 3    | 3    | 14     | 13        | 2         | 0          | 6,3   | HPML.D.CEI    | 1   | 2    | 1   | 13     | 13        | 1         | 0          | 5,2   |
| Média         | 2,7  | 4,0  | 6,2  | 12,0   | 12,3      | 3,7       | 7,7        |       | Média         | 1,8 | 5,7  | 4,7 | 11,8   | 13,0      | 2,7       | 8,8        |       |