|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | *K***-fold**  **cross-validation**  **(random oversampling)** | *K***-fold**  **cross-validation**  **(SMOTE)** | **Block cross-validation**  **(random oversampling)** | **Block cross-validation**  **(SMOTE)** |
| **SVM** | **Accuracy** | **0.79** | **0.79** | **0.62** | **0.62** |
| **Recall** | **0.63** | **0.63** | **0.27** | **0.26** |
| **Precision** | **0.64** | **0.65** | **0.32** | **0.32** |
| **F1** | **0.64** | **0.64** | **0.29** | **0.29** |
| **Avg. # of SVs** | **532.6** | **561.2** | **790.2** | **719.0** |
| **RVM** | **Accuracy** | **0.62** | **0.76** | **0.55** | **0.59** |
| **Recall** | **0.73** | **0.72** | **0.58** | **0.47** |
| **Precision** | **0.42** | **0.58** | **0.35** | **0.35** |
| **F1** | **0.53** | **0.64** | **0.43** | **0.40** |
|  | **Avg. # of RVs** | **18.9** | **137.6** | **9.2** | **123.1** |
| **NB** | **Accuracy** | **0.52** | **0.54** | **0.47** | **0.47** |
| **Recall** | **0.85** | **0.78** | **0.72** | **0.73** |
| **Precision** | **0.37** | **0.37** | **0.33** | **0.32** |
| **F1** | **0.52** | **0.50** | **0.45** | **0.45** |
| **ANN** | **Accuracy** | **0.74** | **0.71** | **0.61** | **0.60** |
| **Recall** | **0.57** | **0.56** | **0.33** | **0.40** |
| **Precision** | **0.55** | **0.51** | **0.34** | **0.34** |
| **F1** | **0.56** | **0.53** | **0.34** | **0.37** |
| **Avg. AIC** | **1814.64** | **1814.54** | **1810.74** | **1820.24** |