|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | *K***-fold**  **cross-validation** | *K***-fold**  **cross-validation**  **(SMOTE)** | **Block**  **validation** | **Block 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** |
| **Matthew’s Correlation Coefficient** | **0.4840** | **0.4876** | **0.0317** | **0.0309** |
| **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** |
| **Matthew’s Correlation Coefficient** | **0.2820** | **0.4734** | **0.1118** | **0.0996** |
| **NB** | **Accuracy** | **0.52** | **0.53** | **0.47** | **0.47** |
| **Recall** | **0.85** | **0.78** | **0.72** | **0.72** |
| **Precision** | **0.37** | **0.37** | **0.33** | **0.32** |
| **Matthew’s Correlation Coefficient** | **0.2329** | **0.2032** | **0.0886** | **0.0857** |
| **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** |
| **Matthew’s Correlation Coefficient** | **0.3731** | **0.32** | **0.0646** | **0.0754** |