|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | J48 | Naïve Bayes | SMO | Random Forest |
| 66%  90%  10-Fold  5-Fold | 43.8975%  42.1853%  43.9696%  43.4578% | 44.6298%  44.2600%  43.7344%  43.4993% | 49.4711%  49.2393%  49.2669%  49.2531% | 50.5696%  50.3458%  50.2628%  50.0692% |

Model A

Accuracy

Precision

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | J48 | Naïve Bayes | SMO | Random Forest |
| 66%  90%  10-Fold  5-Fold | 0.428  0.409  0.423  0.419 | 0.496  0.494  0.494  0.492 | 0.472  0.530  0.458  0.464 | 0.473  0.468  0.467  0.465 |

Recall

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | J48 | Naïve Bayes | SMO | Random Forest |
| 66%  90%  10-Fold  5-Fold | 0.439  0.422  0.440  0.435 | 0.446  0.443  0.437  0.435 | 0.495  0.492  0.493  0.493 | 0.506  0.503  0.503  0.501 |

Model B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | J48 | Naïve Bayes | SMO | Random Forest |
| 66%  90%  10-Fold  5-Fold | 44.0195%  43.2918%  44.6058%  41.4799% | 42.8804%  41.3555%  41.2033%  41.4799% | 48.2099%  48.5477%  48.5201%  48.3402 | 48.2506%  46.8880%  47.7870%  47.1093% |

Accuracy

Precision

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | J48 | Naïve Bayes | SMO | Random Forest |
| 66%  90%  10-Fold  5-Fold | 0.401  0.392  0.411  0.403 | 0.478  0.467  0.470  0.472 | 0.313  0.311  0.527  0.312 | 0.446  0.422  0.439  0.432 |

Recall

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | J48 | Naïve Bayes | SMO | Random Forest |
| 66%  90%  10-Fold  5-Fold | 0.440  0.433  0.446  0.439 | 0.429  0.414  0.412  0.415 | 0.482  0.485  0.485  0.483 | 0.483  0.469  0.478  0.471 |