|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Type** | | **Confusion Matrices** | | **Accuracy** | **Sensitivity** | **Specificity** | **PPV** | **NPV** | **Prevalence** | **Precision** | **Detection**  **Rate** | **Detection**  **Prevalence** | **Recall** | **F1** |
| **HC** | **Non-HC** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** |
| **Support Vector Machine** | **HC** | 177 | 6 | 96.12 | 96.20 | 96.03 | 96.72 | 95.39 | 54.93 | 96.72 | 52.84 | 54.63 | 96.20 | 96.46 |
| **Non-HC** | 7 | 145 |
| **k-Nearest Neighbors** | **HC** | 171 | 12 | 92.54 | 92.93 | 92.05 | 93.44 | 91.45 | 54.93 | 93.44 | 51.04 | 54.63 | 92.93 | 93.19 |
| **Non-HC** | 13 | 139 |
| **Random Forest** | **HC** | 177 | 6 | 97.61 | 98.88 | 96.15 | 96.72 | 98.68 | 53.43 | 96.72 | 52.84 | 54.63 | 98.88 | 97.79 |
| **Non-HC** | 2 | 150 |