**ECG (Normal and RBBB)**

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Results:

Level 1:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wavelet Level 1 | | | | |
| Train:80%  Test:20% | Db1 | Db2 | Db4 | Db8 |
| SVM Acc | 88.125% | 90.625% | 89.375% | 81.25% |
| PNN Acc | 76.25% | 76.25% | 77.5% | 77.5% |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wavelet Level 1 | | | | |
| Train:50%  Test:50% | Db1 | Db2 | Db4 | Db8 |
| SVM Acc | 87.25% | 89% | 91% | 77% |
| PNN Acc | 78.5% | 76.25 | 76% | 76% |

Level 2:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wavelet Level 2 | | | | |
| Train:80%  Test:20% | Db1 | Db2 | Db4 | Db8 |
| SVM Acc | 88.125% | 79.375% | 88.75% | 85.625% |
| PNN Acc | 68.125% | 76.875% | 71.25% | 76.875% |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wavelet Level 2 | | | | |
| Train:50%  Test:50% | Db1 | Db2 | Db4 | Db8 |
| SVM Acc | 87.5% | 83.25% | 89% | 85.5% |
| PNN Acc | 68% | 76% | 70.5% | 74.75% |

Level 3:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wavelet Level 3 | | | | |
| Train:80%  Test:20% | Db1 | Db2 | Db4 | Db8 |
| SVM Acc | 79.375% | 92.5% | 95.625% | 92.5% |
| PNN Acc | 76.875% | 68.75% | 75% | 63.125% |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wavelet Level 3 | | | | |
| Train:50%  Test:50% | Db1 | Db2 | Db4 | Db8 |
| SVM Acc | 77.25% | 91.5% | 96.25% | 94.5% |
| PNN Acc | 77% | 67.75% | 71.25% | 63.25% |

Level 4:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wavelet Level 4 | | | | |
| Train:80%  Test:20% | Db1 | Db2 | Db4 | Db8 |
| SVM Acc | 98.75% | 95% | 96.25% | 96.25% |
| PNN Acc | 71.25% | 76.25% | 73.75% | 72.5% |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wavelet Level 4 | | | | |
| Train:50%  Test:50% | Db1 | Db2 | Db4 | Db8 |
| SVM Acc | 97.25% | 94.5% | 95.75% | 96% |
| PNN Acc | 74.25% | 74.75% | 75.25% | 77% |