| DataSet           |           | <b>Basic Motions</b> | Articular Word Recognition |
|-------------------|-----------|----------------------|----------------------------|
| Random Forest     | Accuracy  | 0.475                | 0.923                      |
|                   | AUC Score | 0.712                | 0.998                      |
|                   | Accuracy  | 0.4                  | 0.563                      |
| Gradient Boosting | AUC Score | 0.705                | 0.953                      |

| Atrial Fibrillation | Cricket | Epilepsy | Finger Movements |
|---------------------|---------|----------|------------------|
| 0.266               | 0.472   | 0.3405   | 0.495            |
| 0.47                | 0.884   | 0.597    | 0.48             |
| 0.266               | 0.361   | 0.268    | 0.509            |
| 0.466               | 0.656   | 0.529    | 0.522            |

## **Hand Writing**

0.08

0.538

0.125

0.5