

DATA

Data name	Sensor type	Signal data length	Number of signals	Data repartition score ⓘ
circle	multiGeneric	768 (128 * 6 axis)	822	<div><div>Poor</div><div><div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div></div></div>
horizontal			716	
standby			229	
triangle			823	
vertical			708	

PERFORMANCE

Performance	Value
Score ⓘ	94.77 %
Balanced Accuracy ⓘ	96.46 %
RAM ⓘ	5.7 KB
Flash ⓘ	18.8 KB

Classname	Recall ⓘ
circle	96.10 %
horizontal	98.53 %
standby	98.44 %
triangle	93.96 %

CROSS VALIDATION

Balanced accuracy of 10 cross-validation tests ⓘ				
Median	Average	Min	Max	STDEV
96.35 %	96.46 %	95.18 %	97.53 %	0.90

Performance	Value
Accuracy ⓘ	96.07 %
F1-Score ⓘ	96.10 %
ROC AUC Score ⓘ	97.53 %
Precision ⓘ	95.83 %
MCC ⓘ	94.96 %

Classname	Recall ⓘ
vertical	95.25 %

ALGORITHM FLOWCHART

