

Model	Mean Train Accuracy	Mean Train Loss	Mean Validation/Test Accuracy	Mean Validation /Test Loss	Prediction Time (s)	Training Time (s)	Sensors Amount Used	Size /Stride
Naïve Model	-	-	45%	-	5	-	8	5000/1000
Decision Tree	-	-	40%	-	0.18	98	40	1/1
Version 1	85%	0.54	71.5%	0.986	7	51	40	50/30
Version 2	92.6%	0.45	77.7%	0.86	4	120	40	2000/200
Final Version	97.7%	0.09	70.6%	1.76	4.5	53.8	40	2000/200
Self-Supervised Pretrained Model	86%	0.33	59%	1.88	1.17	-	40	2000/200