Target 3 – Origin Summary

Dataset	LUNAR	K = 3	K = 6	K = 9
HRSS	92.17	91.06	91.76	92.06
MI-F	84.37	83.89	83.93	83.13
MI-V	96.73	97.98	99.30	99.66
OPTDIGITS	99.76	99.99	99.94	99.71
PENDIGITS	99.81	100.00	100.00	97.76
SATELLITE	85.35	95.77	97.47	96.44
SHUTTLE	99.97	99.99	99.81	99.98
THYROID	85.44	88.97	90.56	88.75

Target 3 – Target1 Summary

Target1		P = 10				P = 30				P = 50		
Dataset		K = 3	K = 6	K = 9		K = 3	K = 6	K = 9		K = 3	K = 6	K = 9
HRSS	87.13	92.00	93.69	93.94	78.33	83.78	86.85	88.82	70.10	81.26	83.23	83.45
MI-F	50.34	50.69	51.79	50.01	46.54	44.95	46.53	44.89	47.19	43.78	41.90	41.27
MI-V	77.15	77.66	85.70	85.38	64.10	67.18	70.72	71.83	59.85	64.64	66.68	67.43
OPTDIGITS	94.57	99.63	99.54	99.03	68.44	66.37	80.97	86.43	50.49	56.78	67.35	68.79
PENDIGITS	99.56	99.95	99.94	99.86	53.95	76.11	90.73	92.34	25.20	46.19	78.16	73.54
SATELLITE	51.05	68.73	76.33	73.95	45.64	63.48	67.14	64.34	49.94	57.39	60.39	61.83.
SHUTTLE	39.34	96.93	98.49	99.53	90.22	86.95	87.14	93.44	86.11	86.13	80.18	89.51
THYROID	71.36	87.98	85.19	91.02	70.09	95.25	86.12	87.08	66.38	79.39	85.73	89.15

Target 3 – Target2 Summary

Target1		P = 50				P = 70				P = 90		
Dataset		K = 3	K = 6	K = 9		K = 3	K = 6	K = 9		K = 3	K = 6	K = 9
HRSS	82.49	80.40	79.75	79.16	86.66	85.75	83.53	85.90	90.39	90.09	89.93	83.83
MI-F	84.11	83.07	79.38	80.59	82.22	79.07	81.49	80.70	84.16	81.89	81.87	83.84
MI-V	95.33	98.86	99.25	98.37	95.61	99.07	98.64	99.53	96.41	98.09	99.33	99.42
OPTDIGITS	99.39	99.97	99.96	99.74	99.44	99.79	99.37	99.95	99.44	99.71	100.00	99.97
PENDIGITS	99.84	99.86	99.90	100.00	99.84	99.99	99.40	99.89	99.83	99.96	100.00	99.99
SATELLITE	84.14	93.98	95.19	96.59	84.61	97.26	94.54	97.09	86.01	96.90	95.13	95.39
SHUTTLE	99.86	99.99	99.83	99.98	99.97	99.97	99.98	99.95	99.94	99.97	99.98	99.99
THYROID	87.93	91.26	92.43	91.87	85.23	87.95	83.06	86.03	83.68	88.89	85.51	92.97

Target 3 – Origin

Dataset: HRSS	Dataset: HRSS	Dataset: HRSS
91.90 92.71 92.24 93.04 85.40 Score: 91.06	91.67 92.95 92.44 92.36 89.37 Score: 91.76	90.71 92.82 91.90 92.48 92.37 Score: 92.06
Dataset: MI-F	Dataset: MI-F	Dataset: MI-F
83.30 83.65 81.19 87.43 83.90 Score: 83.89	82.81 81.23 84.63 87.50 83.48 Score: 83.93	85.36 77.73 85.35 83.62 83.61 Score: 83.13
Dataset: MI-V	Dataset: MI-V	Dataset: MI-V
98.15 97.33 98.69 96.91 98.80 Score: 97.98	99.23 98.92 99.58 99.28 99.47 Score: 99.30	99.16 99.85 99.76 99.70 99.81 Score: 99.66
Dataset: OPTDIGITS	Dataset: OPTDIGITS	Dataset: OPTDIGITS
99.97 100.00 100.00 99.98 100.00 Score: 99.99	99.99 99.97 100.00 99.75 100.00 Score: 99.94	100.00 99.59 99.00 100.00 99.98 Score: 99.71
Dataset: PENDIGITS	Dataset: PENDIGITS	Dataset: PENDIGITS
100.00 100.00 100.00 100.00 100.00 Score: 100.00	100.00 100.00 100.00 99.99 100.00 Score: 100.00	95.29 99.22 99.03 96.75 98.51 Score: 97.76
Dataset: SATELLITE	Dataset: SATELLITE	Dataset: SATELLITE
97.48 94.92 93.31 95.97 97.17 Score: 95.77	98.12 98.22 97.23 98.72 95.04 Score: 97.47	92.29 95.90 99.05 96.92 98.05 Score: 96.44
Dataset: SHUTTLE	Dataset: SHUTTLE	Dataset: SHUTTLE
99.98 100.00 99.99 99.99 99.99 Score: 99.99	99.09 99.97 99.99 99.99 100.00 Score: 99.81	100.00 99.90 99.99 100.00 100.00 Score: 99.98
Dataset: THYROID	Dataset: THYROID	Dataset: THYROID
89.05 90.08 94.77 90.54 80.39 Score: 88.97	91.79 86.13 93.78 92.59 88.54 Score: 90.56	82.64 87.88 90.87 93.47 88.90 Score: 88.75

Target 3 – Target1

Dataset: HRSS	Dataset: HRSS	Dataset: HRSS
92.09 93.04 91.68 93.61 89.60 Score: 92.00	93.60 94.57 94.04 94.80 91.42 Score: 93.69	92.85 95.57 93.88 94.55 92.86 Score: 93.94
Dataset: MI-F	Dataset: MI-F	Dataset: MI-F
51.27 48.40 51.22 51.49 51.07 Score: 50.69	54.82 51.92 52.78 49.28 50.14 Score: 51.79	47.89 50.97 50.69 51.69 48.80 Score: 50.01
Dataset: MI-V	Dataset: MI-V	Dataset: MI-V
75.77 76.32 78.19 78.60 79.41 Score: 77.66	87.47 83.39 85.47 85.71 86.48 Score: 85.70	84.88 84.99 85.50 86.03 85.48 Score: 85.38
Dataset: OPTDIGITS	Dataset: OPTDIGITS	Dataset: OPTDIGITS
99.52 99.49 99.53 99.64 99.94 Score: 99.63	99.68 100.00 99.25 99.00 99.75 Score: 99.54	98.02 99.42 98.78 99.90 99.04 Score: 99.03
Dataset: PENDIGITS	Dataset: PENDIGITS	Dataset: PENDIGITS
100.00 100.00 100.00 99.93 99.80 Score: 99.95	99.78 99.98 100.00 99.95 100.00 Score: 99.94	99.67 100.00 99.98 99.66 100.00 Score: 99.86
Dataset: SATELLITE	Dataset: SATELLITE	Dataset: SATELLITE
70.06 70.90 65.71 65.05 71.93 Score: 68.73	71.64 76.41 81.25 79.07 73.28 Score: 76.33	73.88 75.98 70.17 75.98 73.77 Score: 73.95
Dataset: SHUTTLE	Dataset: SHUTTLE	Dataset: SHUTTLE
99.74 99.70 99.50 91.42 94.28 Score: 96.93	99.25 99.70 99.43 99.74 94.33 Score: 98.49	98.79 99.77 99.93 99.92 99.22 Score: 99.53
Dataset: THYROID	Dataset: THYROID	Dataset: THYROID
90.53 90.65 88.58 83.04 87.08 Score: 87.98	91.37 88.30 89.87 85.50 70.92 Score: 85.19	89.49 87.37 88.91 95.34 93.98 Score: 91.02

Dataset: HRSS	Dataset: HRSS	Dataset: HRSS
87.85 88.08 80.77 86.75 75.45 Score: 83.78	88.48 88.53 86.54 85.85 84.84 Score: 86.85	89.77 89.22 88.45 89.65 86.98 Score: 88.82
Dataset: MI-F	Dataset: MI-F	Dataset: MI-F
46.79 43.25 44.02 48.35 42.34 Score: 44.95	44.94 50.22 45.38 51.73 40.39 Score: 46.53	46.45 46.64 45.46 42.88 43.05 Score: 44.89
Dataset: MI-V	Dataset: MI-V	Dataset: MI-V
67.96 67.14 68.86 66.13 65.81 Score: 67.18	70.03 70.52 70.16 71.05 71.84 Score: 70.72	71.45 72.42 71.65 71.35 72.27 Score: 71.83
Dataset: OPTDIGITS	Dataset: OPTDIGITS	Dataset: OPTDIGITS
80.13 56.09 73.14 54.39 68.13 Score: 66.37	83.63 76.58 80.20 80.00 84.44 Score: 80.97	89.30 89.92 81.87 79.32 91.76 Score: 86.43
Dataset: PENDIGITS	Dataset: PENDIGITS	Dataset: PENDIGITS
71.39 86.07 92.69 60.26 70.12 Score: 76.11	90.46 90.31 91.79 81.83 99.24 Score: 90.73	92.03 94.73 86.86 96.74 91.35 Score: 92.34
Dataset: SATELLITE	Dataset: SATELLITE	Dataset: SATELLITE
65.04 63.07 61.12 65.46 62.71 Score: 63.48	68.24 72.50 63.42 66.88 64.66 Score: 67.14	62.49 66.73 63.80 64.52 64.15 Score: 64.34
Dataset: SHUTTLE	Dataset: SHUTTLE	Dataset: SHUTTLE
93.98 86.03 88.76 81.17 84.83 Score: 86.95	93.02 77.63 76.34 96.79 91.91 Score: 87.14	95.97 92.38 84.19 96.64 98.02 Score: 93.44
Dataset: THYROID	Dataset: THYROID	Dataset: THYROID
72.26 85.98 91.06 84.83 92.14 Score: 85.25	93.92 66.09 91.20 93.09 86.28 Score: 86.12	91.68 90.13 93.58 85.90 74.09 Score: 87.08
Dataset: HRSS	Dataset: HRSS	Dataset: HRSS
81.88 80.01 84.00 79.50 80.92 Score: 81.26	83.74 83.61 85.79 82.48 80.51 Score: 83.23	84.02 82.54 83.98 84.47 82.24 Score: 83.45
Dataset: MI-F	Dataset: MI-F	Dataset: MI-F
40.28 46.54 45.54 45.39 41.16 Score: 43.78	38.74 43.69 42.71 42.42 41.95 Score: 41.90	40.23 43.47 42.57 42.00 38.09 Score: 41.27
Dataset: MI-V	Dataset: MI-V	Dataset: MI-V
64.54 65.81 64.43 64.07 64.34 Score: 64.64	65.44 68.41 68.85 65.60 65.08 Score: 66.68	66.38 68.85 67.01 69.24 65.69 Score: 67.43
Dataset: OPTDIGITS	Dataset: OPTDIGITS	Dataset: OPTDIGITS
61.26 45.74 67.11 33.62 76.16 Score: 56.78	67.15 54.06 77.53 59.06 78.97 Score: 67.35	66.79 56.52 77.72 62.26 80.64 Score: 68.79
Dataset: PENDIGITS	Dataset: PENDIGITS	Dataset: PENDIGITS
61.79 57.41 30.59 53.88 27.28 Score: 46.19	82.79 90.66 77.37 74.82 65.15 Score: 78.16	93.77 91.58 58.02 63.07 61.26 Score: 73.54
Dataset: SATELLITE	Dataset: SATELLITE	Dataset: SATELLITE
60.57 55.47 60.30 50.45 60.14 Score: 57.39	62.78 62.45 55.14 61.82 59.76 Score: 60.39	51.56 57.18 66.72 63.37 70.35 Score: 61.83
Dataset: SHUTTLE	Dataset: SHUTTLE	Dataset: SHUTTLE
84.95 87.62 93.52 76.08 88.47 Score: 86.13	89.15 88.72 76.61 72.93 73.49 Score: 80.18	90.09 90.58 88.13 89.00 89.78 Score: 89.51
Dataset: THYROID	Dataset: THYROID	Dataset: THYROID
69.25 89.74 81.30 78.08 78.55 Score: 79.39	86.11 90.47 92.84 85.39 73.82 Score: 85.73	88.08 91.49 87.33 91.80 87.07 Score: 89.15

Dataset: HRSS 80.83 82.07 79.51 80.13 79.46 Score: 80.40 Dataset: MI-F 81.79 79.75 83.82 86.68 83.29 Score: 83.07 Dataset: MI-V 99.10 98.73 98.56 98.80 99.11 Score: 98.86 Dataset: OPTDIGITS 100.00 99.98 99.98 99.88 100.00 Score: 99.97 Dataset: PENDIGITS 99.92 100.00 99.44 99.98 99.99 Score: 99.86 Dataset: SATELLITE 96.87 94.73 92.71 93.65 91.95 Score: 93.98 Dataset: SHUTTLE 99.99 100.00 99.98 99.97 99.99 Score: 99.99 Dataset: THYROID 95.38 94.08 87.12 87.05 92.68 Score: 91.26	Dataset: HRSS 80.58 82.87 78.30 79.59 77.43 Score: 79.75 Dataset: MI-F 75.85 75.39 82.55 80.66 82.47 Score: 79.38 Dataset: MI-V 98.55 99.24 99.26 99.63 99.58 Score: 99.25 Dataset: OPTDIGITS 99.99 100.00 100.00 100.00 99.83 Score: 99.96 Dataset: PENDIGITS 99.87 100.00 99.64 99.98 100.00 Score: 99.90 Dataset: SATELLITE 96.56 97.52 95.50 88.69 97.70 Score: 95.19 Dataset: SHUTTLE 99.99 99.95 99.47 99.96 99.77 Score: 99.83 Dataset: THYROID 96.72 93.66 97.61 84.27 89.88 Score: 92.43	Dataset: HRSS 82.07 82.59 71.64 80.57 78.94 Score: 79.16 Dataset: MI-F 82.38 79.40 81.77 81.38 78.03 Score: 80.59 Dataset: MI-V 97.79 99.77 99.79 95.19 99.30 Score: 98.37 Dataset: OPTDIGITS 99.68 99.61 99.58 99.93 99.89 Score: 99.74 Dataset: PENDIGITS 100.00 100.00 100.00 100.00 100.00 Score: 100.00 Dataset: SATELLITE 99.01 98.82 89.38 98.40 97.35 Score: 96.59 Dataset: SHUTTLE 99.97 100.00 99.97 99.97 100.00 Score: 99.98 Dataset: THYROID 93.54 92.88 94.59 93.48 84.88 Score: 91.87
Dataset: HRSS 85.02 85.68 86.14 86.19 85.72 Score: 85.75 Dataset: MI-F 78.85 79.48 76.05 79.06 81.91 Score: 79.07 Dataset: MI-V 99.41 98.89 99.31 98.66 99.07 Score: 99.07 Dataset: OPTDIGITS 99.96 100.00 99.00 99.99 100.00 Score: 99.79 Dataset: PENDIGITS 100.00 100.00 100.00 99.98 99.95 Score: 99.99 Dataset: SATELLITE 97.08 97.58 97.72 97.11 96.83 Score: 97.26 Dataset: SHUTTLE 99.95 99.99 100.00 99.90 100.00 Score: 99.97 Dataset: THYROID 85.78 86.92 86.89 88.45 91.72 Score: 87.95	Dataset: HRSS 82.04 86.81 84.88 83.59 80.35 Score: 83.53 Dataset: MI-F 80.11 79.43 84.78 82.39 80.76 Score: 81.49 Dataset: MI-V 95.06 99.68 99.80 98.81 99.87 Score: 98.64 Dataset: OPTDIGITS 96.86 100.00 100.00 100.00 100.00 Score: 99.37 Dataset: PENDIGITS 100.00 99.70 97.40 99.97 99.95 Score: 99.40 Dataset: SATELLITE 97.87 91.09 94.62 91.22 97.89 Score: 94.54 Dataset: SHUTTLE 99.99 99.97 100.00 99.96 99.99 Score: 99.98 Dataset: THYROID 89.02 63.37 87.28 90.02 85.61 Score: 83.06	Dataset: HRSS 87.36 87.92 83.52 85.08 85.64 Score: 85.90 Dataset: MI-F 79.40 79.94 80.82 79.11 84.24 Score: 80.70 Dataset: MI-V 99.66 99.47 99.51 99.62 99.38 Score: 99.53 Dataset: OPTDIGITS 99.99 99.84 99.93 100.00 99.97 Score: 99.95 Dataset: PENDIGITS 99.98 100.00 99.98 99.99 99.52 Score: 99.89 Dataset: SATELLITE 98.23 98.81 95.90 98.00 94.51 Score: 97.09 Dataset: SHUTTLE 99.96 99.97 99.89 100.00 99.94 Score: 99.95 Dataset: THYROID 72.57 75.78 96.95 91.06 93.79 Score: 86.03

Dataset: HRSS
90.42 90.07 90.25 90.15 89.58 Score: 90.09
Dataset: MI-F
82.03 80.62 79.45 85.20 82.14 Score: 81.89
Dataset: MI-V
97.89 99.22 97.16 96.75 99.40 Score: 98.09
Dataset: OPTDIGITS
99.89 99.99 99.94 99.57 99.17 Score: 99.71
Dataset: PENDIGITS
99.99 99.82 100.00 100.00 100.00 Score: 99.96
Dataset: SATELLITE
97.07 97.92 96.71 97.87 94.92 Score: 96.90
Dataset: SHUTTLE
99.98 99.92 99.99 99.98 100.00 Score: 99.97
Dataset: THYROID
90.61 82.96 90.51 93.48 86.88 Score: 88.89

Dataset: HRSS
86.65 91.83 89.39 91.09 90.72 Score: 89.93
Dataset: MI-F
84.17 76.85 85.37 81.82 81.14 Score: 81.87
Dataset: MI-V
99.21 99.63 99.47 99.08 99.28 Score: 99.33
Dataset: OPTDIGITS
99.99 100.00 100.00 100.00 100.00 Score: 100.00
Dataset: PENDIGITS
99.98 100.00 99.99 100.00 100.00 Score: 100.00
Dataset: SATELLITE
95.58 98.51 97.88 90.40 93.28 Score: 95.13
Dataset: SHUTTLE
99.98 99.99 99.97 99.96 100.00 Score: 99.98
Dataset: THYROID
95.31 61.85 92.75 90.22 87.42 Score: 85.51

Dataset: HRSS
74.80 88.94 78.93 87.44 89.06 Score: 83.83
Dataset: MI-F
82.17 84.08 85.23 81.43 86.27 Score: 83.84
Dataset: MI-V
99.65 99.35 99.65 98.69 99.75 Score: 99.42
Dataset: OPTDIGITS
100.00 100.00 99.97 99.90 100.00 Score: 99.97
Dataset: PENDIGITS
100.00 99.97 100.00 100.00 99.99 Score: 99.99
Dataset: SATELLITE
98.64 90.46 97.09 91.69 99.07 Score: 95.39
Dataset: SHUTTLE
99.98 100.00 99.97 99.99 99.99 Score: 99.99
Dataset: THYROID
93.28 95.83 89.76 95.97 90.02 Score: 92.97