Confusion Matrix

True label \ Predicted label	Benign	Botnet ARES	Brute Force	DoS	DDoS	PortScan	Web Attack
Benign	19037	612	21	103	16	31	180
Botnet ARES	59	19941	0	0	0	0	0
Brute Force	1	0	19996	0	0	0	3
DoS	45	0	0	19881	0	13	61
DDoS	3	0	0	0	19997	0	0
PortScan	18	1	0	51	0	19923	7
Web Attack	17	0	0	33	0	0	19950

Precision Matrix

True label \ Predicted label	Benign	Botnet ARES	Brute Force	DoS	DDoS	PortScan	Web Attack
Benign	0.952	0.003	0.000	0.002	0.000	0.001	0.001
Botnet ARES	0.031	0.997	0.000	0.000	0.000	0.000	0.000
Brute Force	0.001	0.000	1.000	0.000	0.000	0.000	0.000
DoS	0.005	0.000	0.000	0.994	0.000	0.003	0.002
DDoS	0.001	0.000	0.000	0.000	1.000	0.000	0.000
PortScan	0.002	0.000	0.000	0.001	0.000	0.996	0.000
Web Attack	0.009	0.000	0.000	0.003	0.000	0.000	0.998

Recall Matrix

True label \ Predicted label	Benign	Botnet ARES	Brute Force	DoS	DDoS	PortScan	Web Attack
Benign	0.993	0.030	0.001	0.005	0.001	0.002	0.009
Botnet ARES	0.003	0.970	0.000	0.000	0.000	0.000	0.000
Brute Force	0.000	0.000	0.999	0.000	0.000	0.000	0.000
DoS	0.002	0.000	0.000	0.991	0.000	0.001	0.003
DDoS	0.000	0.000	0.000	0.000	0.999	0.000	0.000
PortScan	0.001	0.000	0.000	0.003	0.000	0.998	0.000
Web Attack	0.001	0.000	0.000	0.002	0.000	0.000	0.988