	UDP Flood	SlowLoris	Ping Flood	Slow Read	Blacknurse	SYN Flood	R.U.D.Y	Xmas	UDP Flood and SlowLoris	Ping Flood and R.U.D.Y	All types
Entropy of destination IP addresses	0.000	0.208	0.544	0.533	0.385	0.000	0.497	0.468	0.503	0.457	0.591
Entropy of source IP addresses	0.000	0.292	0.584	0.591	0.353	0.000	0.487	0.505	0.503	0.477	0.570
Entropy of bi-directional flows	0.000	0.217	0.629	0.550	0.407	0.000	0.509	0.504	0.555	0.481	0.592
Entropy rate of destination IP addresses	0.000	0.236	0.565	0.583	0.412	0.000	0.555	0.487	0.455	0.473	0.585
Entropy rate of source IP addresses	0.000	0.285	0.623	0.552	0.478	0.000	0.492	0.527	0.529	0.517	0.579
Entropy rate of bi-directional flows	0.000	0.238	0.517	0.570	0.455	0.000	0.547	0.499	0.556	0.437	0.707
Entropy of packet sizes	0.000	0.255	0.547	0.489	0.481	0.000	0.522	0.517	0.552	0.511	0.660
Entropy rate of packet sizes	0.000	0.248	0.519	0.482	0.472	0.000	0.505	0.494	0.575	0.514	0.663
Entropy of ingress packet sizes	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entropy rate of ingress packet sizes	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entropy of egress packet sizes	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entropy rate of egress packet sizes	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entropy of destination IP addresses with SYN flag	0.000	0.222	0.023	0.340	0.054	0.073	0.364	0.004	0.277	0.264	0.260
Entropy of source IP addresses with SYN flag	0.000	0.305	0.024	0.332	0.031	0.073	0.359	0.011	0.284	0.248	0.296
Entropy of bi-directional flows with SYN flag	0.000	0.278	0.024	0.319	0.046	0.073	0.394	0.004	0.304	0.265	0.329
K-means with NetFlow header fields	0.495	0.165	0.006	0.308	0.001	0.705	0.012	0.710	0.619	0.166	0.693
K-means with NetFlow entropy metrics	0.000	0.344	0.223	0.497	0.074	0.000	0.471	0.270	0.418	0.575	0.275
K-means with NetFlow combined feature set	0.330	0.165	0.006	0.228	0.001	0.713	0.008	0.710	0.610	0.166	0.638
K-means with telemetry measurements	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
K-means with telemetry entropy metrics	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
K-means with telemetry combined feature set	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Random Forest with NetFlow header fields	0.202	0.509	0.332	0.480	0.243	0.167	0.327	0.000	0.290	0.486	0.496
Random Forest with NetFlow header fields without IPs	0.083	0.312	0.352	0.623	0.159	1.000	0.509	0.167	0.396	0.396	0.593
Random Forest with NetFlow entropy metrics	0.000	0.095	0.144	0.164	0.000	0.000	0.116	0.136	0.227	0.207	0.296
Random Forest with NetFlow combined feature set	0.000	0.000	0.052	0.000	0.000	0.167	0.000	0.000	0.000	0.053	0.000
Random Forest with NetFlow combined feature set without IPs	0.000	0.004	0.046	0.000	0.033	0.167	0.053	0.000	0.000	0.000	0.092
Random Forest with telemetry measurements	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Random Forest with telemetry entropy metrics	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Random Forest with telemetry combined feature set	0.000	0.158	0.249	0.328	0.330	0.000	0.474	0.315	0.000	0.477	0.374
Bytes in NetFlow records	0.000	0.290	0.566	0.506	0.421	0.000	0.489	0.449	0.432	0.467	0.693
Packets in NetFlow records	0.000	0.263	0.582	0.496	0.396	0.000	0.454	0.433	0.369	0.471	0.720
Bi-directional flows in NetFlow records	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for egress queue size	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for egress bytes/s	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for egress packets/s	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for ingress bytes/s	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for ingress packets/s	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for egress queue size using maximum variance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for egress bytes/s using maximum variance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for egress packets/s using maximum variance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for ingress bytes/s using maximum variance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deviation score for ingress packets/s using maximum variance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ICMP destination unreachable packets	0.000	0.000	0.000	0.000	0.451	0.000	0.000	0.000	0.021	0.000	0.436
ICMP packets	0.000	0.179	0.778	0.549	0.339	0.000	0.373	0.269	0.226	0.351	0.689
ICMP ratio	0.000	0.184	0.698	0.580	0.341	0.000	0.402	0.293	0.274	0.345	0.632
Xmas flows	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SYN flows	0.000	0.018	0.000	0.019	0.000	0.645	0.043	0.000	0.015	0.010	0.032
Top 20 flows	0.250	0.034	0.002	0.098	0.000	0.484	0.002	0.243	0.290	0.017	0.409
Alert fusion: time	0.000	0.002	0.001	0.003	0.002	0.749	0.002	0.704	0.518	0.003	0.551
Alert fusion: packet sizes	0.000	0.776	0.297	0.898	0.578	0.000	0.505	0.385	0.327	0.783	0.783
Alert fusion: attack types	0.000	0.391	0.398	0.398	0.498	0.973	0.503	0.494	0.603	0.574	0.535
Alert fusion: ranking	0.000	0.652	0.677	0.651	0.628	0.636	0.563	0.543	0.692	0.656	0.652
	0.026	0.141	0.193	0.234	0.155	0.127	0.203	0.195	0.220	0.209	0.297