											SlowLoris Flood and R.U. All types	۲.0
		οq	ید	οd	<u>а</u> д	, se	do			od and	Sion and R.O.	
	JDP	Flood Slow	rous	Flood	Read Black	Kunize Kunze	Flood R.U.	D' ₁ Xws	s UDP	Floos Ping	Floor All types	
Entropy of destination IP addresses -		0.367	0.818	0.687	0.699	0.698	0.657	0.839	0.660	0.730	0.715	1.0
Entropy of source IP addresses -		0.474	0.860	0.644	0.795	0.750	0.612	0.789	0.654	0.679	0.669	
Entropy of bi-directional flows -		0.393	0.899	0.730	0.759	0.674	0.670	0.851	0.659	0.772	0.746	
Entropy rate of destination IP addresses -		0.372	0.797	0.703	0.703	0.733	0.685	0.831	0.645	0.742	0.746	
Entropy rate of source IP addresses -		0.470	0.891	0.737	0.809	0.826	0.672	0.824	0.705	0.727	0.750	
Entropy rate of bi-directional flows -		0.420	0.917	0.773	0.769	0.757	0.751	0.876	0.693	0.812	0.785	
Entropy of packet sizes -		0.403	0.815	0.688	0.743	0.816	0.607	0.860	0.687	0.763	0.747	
Entropy rate of packet sizes -		0.400	0.823	0.685	0.732	0.806	0.658	0.865	0.713	0.776	0.760	
Entropy of ingress packet sizes - Entropy rate of ingress packet sizes -		0.607 0.579	0.914 0.944	0.920 0.889	0.849 0.901	0.899 0.882	0.902 0.859	0.897 0.929	0.901 0.907	0.936 0.905	0.917 0.952	
Entropy rate of ingress packet sizes - Entropy of egress packet sizes -		0.579	0.944	0.889	0.901	0.882	0.889	0.929	0.907	0.895	0.932	
Entropy are of egress packet sizes -		0.528	0.925	0.884	0.927	0.861	0.895	0.937	0.925	0.907	0.949	- 0.8
Entropy of destination IP addresses with SYN flag -		0.350	0.667	0.480	0.750	0.952	0.689	0.167	0.697	0.647	0.663	
Entropy of source IP addresses with SYN flag -		0.434	0.417	0.632	0.625	0.923	0.660	0.333	0.738	0.669	0.791	
Entropy of bi-directional flows with SYN flag -		0.400	0.667	0.541	0.792	0.952	0.780	0.167	0.779	0.713	0.808	
K-means with NetFlow header fields -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
K-means with NetFlow entropy metrics -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
K-means with NetFlow combined feature set -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
K-means with telemetry measurements -	0.333	0.556	0.429	0.479	0.543	0.416	0.394	0.451	0.192	0.284	0.458	
K-means with telemetry entropy metrics -	0.333	0.556	0.311	0.435	0.357	0.285	0.650	0.397	0.357	0.261	0.498	
K-means with telemetry combined feature set - Random Forest with NetFlow header fields -	1.000	0.561 1.000	0.429 1.000	0.581 1.000	0.493 1.000	0.313	1.000	1.000	0.239	0.300	1.000	
Random Forest with NetFlow header fields without IPs -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	- 0.6
Random Forest with NetFlow entropy metrics -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Random Forest with NetFlow combined feature set -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Random Forest with NetFlow combined feature set without IPs -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Random Forest with telemetry measurements -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Random Forest with telemetry entropy metrics -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Random Forest with telemetry combined feature set -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Bytes in NetFlow records -		0.440	0.823	0.683	0.662	0.799	0.642	0.778	0.719	0.835	0.774	
Packets in NetFlow records -		0.393	0.805	0.680	0.730	0.823	0.589	0.720	0.754	0.842	0.881	
Bi-directional flows in NetFlow records -		0.509	0.841	0.846	0.808	0.799	0.815	0.723	0.679	0.677	0.674	
Ingress bytes in telemetry measurements -		0.572 0.573	0.944 0.897	0.892 0.912	0.972 0.948	0.958 0.875	0.850 0.795	0.845 0.917	0.869 0.939	0.874 0.971	0.867 0.970	
Ingress packets in telemetry measurements - Egress bytes in telemetry measurements -		0.573	0.697	0.912	0.946	0.873	0.780	0.917	0.939	0.848	0.891	- 0.4
Egress packets in telemetry measurements -		0.568	0.908	0.904	0.942	0.868	0.703	0.037	0.919	0.941	0.963	
Deviation score for egress queue size -	0.885	0.817	0.928	0.764	0.915	0.950	0.825	0.841	0.917	0.937	0.918	
Deviation score for egress bytes/s -		0.765	0.874	0.882	0.865	0.866	0.777	0.852	0.871	0.887	0.866	
Deviation score for egress packets/s -	0.962	0.729	0.946	0.873	0.930	0.939	0.813	0.940	0.929	0.915	0.951	
Deviation score for ingress bytes/s -	0.986	0.858	0.971	0.911	0.980	0.991	0.843	0.925	0.982	0.965	0.990	
Deviation score for ingress packets/s -	0.994	0.712	0.950	0.885	0.985	0.993	0.812	0.950	0.968	0.958	0.983	
Deviation score for egress queue size using maximum variance -		0.793	0.950	0.702	0.911	0.927	0.722	0.875	0.914	0.914	0.718	
Deviation score for egress bytes/s using maximum variance -		0.738	0.737	0.656	0.725	0.713	0.641	0.745	0.739	0.720	0.745	
Deviation score for egress packets/s using maximum variance -		0.570	0.693	0.510	0.677	0.659	0.480	0.683	0.643	0.644	0.753	
Deviation score for ingress bytes/s using maximum variance - Deviation score for ingress packets/s using maximum variance -		0.841 0.540	0.854 0.725	0.733 0.499	0.847 0.771	0.807 0.735	0.716	0.834 0.733	0.802 0.699	0.806 0.690	0.825 0.840	- 0.2
ICMP destination unreachable packets -	0.931	0.000	0.723	0.499	0.771	0.733	0.509	0.755	0.099	0.090	0.840	
ICMP packets -		0.247	0.903	0.677	0.696	0.674	0.465	0.427	0.433	0.893	0.814	
ICMP ratio -		0.285	0.869	0.700	0.755	0.767	0.513	0.489	0.402	0.879		
Xmas flows -								1.000				
SYN flows -		1.000		1.000		1.000	1.000		1.000	1.000	1.000	
Top 20 flows -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Alert fusion: time -	0.000	0.163	0.565	0.586	0.671	0.434	0.678	0.578	0.476	0.699	0.564	
Alert fusion: packet sizes -	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Alert fusion: attack types -	0.000	0.092	0.216	0.206	0.232	0.514	0.227	0.001	0.242	0.241	0.267	
Alert fusion: ranking -	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	- 0.0
	0.828	0.641	0.846	0.778	0.835	0.843	0.772	0.796	0.783	0.827	0.841	