											J Flood and R.U.	7.0	
		,			,	0	,			, and	d slov and R.O.		
	QP.	Flood Slov	Loris Ping	Flood Slow	Read Black	Kunze Kunze	Flood R.U	D.Y Kmi	3 ⁵ 08	F1000	Flood types		
	no,	5101	bille	, 210,	Blac	5414	R.O	. <i>tu.</i>	, 100,	billi	» VII e,		1 0
Entropy of destination IP addresses -		0.672	0.776	0.915	0.555	1.000	0.747	0.824	0.942	0.871	0.841		「 ^{1.0}
Entropy of source IP addresses -		0.721	0.772	0.861	0.658	1.000	0.727	0.776	0.946	0.838	0.848		
Entropy of bi-directional flows -		0.693	0.768	0.911	0.561	1.000	0.737	0.781	0.939	0.869	0.842		
Entropy rate of destination IP addresses -	-	0.650	0.768	0.906	0.595	1.000	0.735	0.810	0.949	0.862	0.863		
Entropy rate of source IP addresses -		0.722	0.784	0.911	0.624	1.000	0.748	0.771	0.943	0.850	0.857		
Entropy rate of bi-directional flows -	1	0.693	0.768	0.898	0.593	1.000	0.742	0.779	0.943	0.862	0.837		
Entropy of packet sizes -		0.748	0.809	0.870	0.666	1.000	0.751	0.812	0.937	0.872	0.846		
Entropy rate of packet sizes -		0.756	0.820	0.890	0.700	1.000	0.772	0.818	0.933	0.875	0.854		
Entropy of ingress packet sizes -	-	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Entropy rate of ingress packet sizes -	-	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Entropy of egress packet sizes -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		- 0.8
Entropy rate of egress packet sizes -	-	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		0.0
Entropy of destination IP addresses with SYN flag	1	0.414	0.032	0.437	0.064	0.762	0.525	0.006	0.321	0.375	0.323		
Entropy of source IP addresses with SYN flag	1	0.444	0.040	0.498	0.035	0.754	0.482	0.015	0.352	0.358	0.368		
Entropy of bi-directional flows with SYN flag -	0.405	0.448	0.036	0.446	0.063	0.787	0.562	0.005	0.385	0.367	0.370		
K-means with NetFlow entropy metrics	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 -	0.405	0.612	0.287	0.853	0.089	1.000	0.652	0.655	0.886	0.757	0.689		
K-means with NetFlow combined feature set -		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 -	1.000	1.000 1.000	1.000 1.000	1.000 1.000									
K-means with telemetry entropy metrics -	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 telemetry combined feature set -						1.000							
Random Forest with NetFlow header fields - Random Forest with NetFlow header fields without IPs -		0.842	0.832	0.980	0.614	1.000	0.509	1.000 0.333	0.957	0.986	0.996		- 0.6
Random Forest with NetFlow entropy metrics -	0.083	0.478	0.319	0.825	0.159	1.000	0.522	0.807	0.383	0.302	0.739		0.0
Random Forest with NetFlow combined feature set -	1 000	0.875	0.997	1.000	1.000	1.000	1.000	1.000	0.833	0.994	1.000		
Random Forest with NetFlow combined feature set without IPs -		0.634	0.759	0.625	0.371	0.800	0.396	0.333	0.429	0.500	0.605		
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		
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	0.932	0.957	0.992	0.918	1.000	0.961	0.972	1.000	0.966	0.982		
Bytes in NetFlow records -		0.705	0.762	0.907	0.613	1.000	0.753	0.780	0.924	0.852	0.792		
Packets in NetFlow records -	-	0.660	0.748	0.895	0.653	1.000	0.744	0.813	0.945	0.860	0.831		
Bi-directional flows in NetFlow records -	-	0.663	0.740	0.904	0.560	1.000	0.789	0.780	0.949	0.866	0.805		
Ingress bytes in telemetry measurements -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Ingress packets in telemetry measurements -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		- 0.4
Egress bytes in telemetry measurements -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Egress packets in telemetry measurements -	-	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Deviation score for egress queue size -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Deviation score for egress bytes/s -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Deviation score for egress packets/s -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Deviation score for ingress bytes/s -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Deviation score for ingress packets/s -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Deviation score for egress queue size using maximum variance -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Deviation score for egress bytes/s using maximum variance -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Deviation score for egress packets/s using maximum variance -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Deviation score for ingress bytes/s using maximum variance -		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		- 0.2
Deviation score for ingress packets/s using maximum variance -	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
ICMP destination unreachable packets -	-	0.000	0.000	0.000	0.687	0.000	0.000	0.000	0.092	0.000	0.506		
ICMP packets -	1	0.691	0.778	0.878		1.000	0.746	0.817	0.953	0.935	0.856		
ICMP ratio -	-	0.701	0.769	0.875	0.743	1.000	0.773	0.818	0.937	0.928	0.858		
Xmas flows -	0.000	0.000	0.000	0.010	0.000	0.645	0.043	1.000	0.01-	0.010	0.033		
SYN flows -		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	0.382	0.290	0.017	0.409		
Alert fusion: time -	1	0.002	0.001	0.003	0.002	0.749	0.002	0.704	0.518	0.003	0.551		
Alert fusion: packet sizes -	1	0.931	0.956	0.898	0.744	1.000	0.806	0.461	0.993	0.940	0.949		
Alert fusion: attack types -		0.783	0.795 0.677	0.795 0.651	0.746 0.628	0.973	0.754 0.563	0.741	0.904	0.861	0.803		
Alert fusion: ranking -	<u> </u>	0.652	Т	T	T	T	1	0.543	0.692	0.656	0.652		- 0.0
	0.824	0.733	0.733	0.816	0.683	0.927	0.756	0.781	0.847	0.795	0.834		