											. SlowLoris	R.U.D.Y
		book	is	, 20g	agad	urse	book	٦		rood au	d SlowLone J Flood and All th	R.U.D.Y
	UDP	Flood Slow	No ^{ris} Ping	Flood Slov	N Read Black	Knurse SYN	Flood R.U.	D's Ywe	as UDP	FIOS	J FILL All to	be
Entropy of destination IP addresses -	-	0.513	0.322	0.393	0.295	0.375	0.432	0.368	0.402	0.436	0.447	
Entropy of source IP addresses -		0.517	0.239	0.378	0.261	0.375	0.470	0.400	0.409	0.444	0.398	
Entropy of bi-directional flows -		0.538	0.365	0.406	0.275	0.383	0.375	0.258	0.463	0.432	0.398	
Entropy rate of destination IP addresses -		0.505	0.390	0.334	0.335	0.289	0.463	0.408	0.439	0.488	0.315	
Entropy rate of source IP addresses -		0.542	0.243	0.353	0.286	0.295	0.391	0.411	0.454	0.427	0.375	
Entropy rate of bi-directional flows -		0.581	0.342	0.456	0.408	0.444	0.469	0.365	0.459	0.463	0.421	
Entropy of packet sizes -		0.519	0.281	0.374	0.271	0.362	0.383	0.337	0.357	0.406	0.396	
Entropy rate of packet sizes -		0.504	0.413	0.362	0.264	0.417	0.380	0.357	0.334	0.425	0.347	
Entropy of ingress packet sizes -		0.393	0.282	0.192	0.271	0.330	0.159	0.286	0.188	0.135	0.158	
Entropy rate of ingress packet sizes -		0.405	0.286	0.250	0.238	0.325	0.340	0.321	0.175	0.262	0.158	
Entropy of egress packet sizes -		0.401	0.175	0.213	0.302	0.286	0.250	0.414	0.227	0.221	0.224	
Entropy rate of egress packet sizes -		0.472	0.225	0.220	0.155	0.333	0.236	0.254	0.181	0.224	0.140	
Entropy of destination IP addresses with SYN flag -		0.521		0.498		0.381	0.351		0.328	0.407	0.313	
Entropy of source IP addresses with SYN flag -		0.497	0.500	0.531		0.429	0.470		0.381	0.421	0.306	
Entropy of bi-directional flows with SYN flag -		0.513	0.500	0.462		0.381	0.326		0.275	0.289	0.204	
K-means with NetFlow header fields -												
K-means with NetFlow entropy metrics -												
K-means with NetFlow combined feature set -												
K-means with telemetry measurements -	0.667	0.444	0.571	0.521	0.457	0.584	0.606	0.549	0.808	0.716	0.542	
K-means with telemetry entropy metrics -	0.667	0.726	0.491	0.545	0.541	0.588	0.368	0.482	0.505	0.699	0.403	
K-means with telemetry combined feature set -	0.667	0.439	0.571	0.503	0.537	0.668	0.625	0.549	0.761	0.741	0.549	
Random Forest with NetFlow header fields -												
Random Forest with NetFlow header fields without IPs -												
Random Forest with NetFlow entropy metrics -												
Random Forest with NetFlow combined feature set - Random Forest with NetFlow combined feature set without IPs -												
Random Forest with NetFlow Combined Teature Set Without IPS -												
Random Forest with telemetry measurements - Random Forest with telemetry entropy metrics -												
Random Forest with telemetry combined feature set -												
Bytes in NetFlow records -		0.442	0.338	0.386	0.271	0.225	0.422	0.248	0.306	0.219	0.292	
Packets in NetFlow records -		0.442	0.336	0.346	0.271	0.223	0.422	0.248	0.300	0.219	0.292	
Bi-directional flows in NetFlow records -		0.432	3,731	3,340	3,303	3.210	3.401	3.230	5.104	5.205	5.214	
Ingress bytes in telemetry measurements -		0.428	0.286	0.262	0.167	0.375	0.282	0.416	0.177	0.252	0.299	
Ingress packets in telemetry measurements -		0.427	0.336	0.265	0.169	0.389	0.365	0.375	0.199	0.132	0.136	
Egress bytes in telemetry measurements -		0.418	0.367	0.412	0.179	0.300	0.280	0.429	0.274	0.288	0.245	
Egress packets in telemetry measurements -		0.432	0.209	0.316	0.138	0.221	0.334	0.250	0.145	0.163	0.123	
Deviation score for egress queue size -	0.147	0.166	0.241	0.226	0.142	0.167	0.151	0.265	0.138	0.126	0.205	
Deviation score for egress bytes/s -		0.403	0.215	0.202	0.231	0.201	0.268	0.197	0.155	0.169	0.178	
Deviation score for egress packets/s -		0.321	0.109	0.217	0.120	0.147	0.178	0.103	0.094	0.127	0.085	
Deviation score for ingress bytes/s -		0.244	0.069	0.153	0.030	0.015	0.236	0.151	0.036	0.083	0.020	
Deviation score for ingress packets/s -		0.306	0.085	0.055	0.022	0.014	0.157	0.099	0.048	0.056	0.028	
Deviation score for egress queue size using maximum variance -		0.413	0.504	0.492	0.298	0.735	0.784	0.312	0.431	0.144	0.824	
Deviation score for egress bytes/s using maximum variance -	0.159	0.393	0.395	0.390	0.367	0.240	0.330	0.340	0.267	0.295	0.340	
Deviation score for egress packets/s using maximum variance -	0.154	0.520	0.527	0.554	0.360	0.298	0.447	0.258	0.327	0.325	0.330	
Deviation score for ingress bytes/s using maximum variance -	0.041	0.272	0.291	0.458	0.262	0.385	0.283	0.285	0.340	0.332	0.300	
Deviation score for ingress packets/s using maximum variance -	0.074	0.565	0.471	0.503	0.218	0.354	0.379	0.275	0.326	0.246	0.214	
ICMP destination unreachable packets -					0.123				0.613		0.147	
ICMP packets -		0.437	0.218	0.442	0.210	0.339	0.212	0.329	0.172	0.183	0.319	
ICMP ratio -		0.441	0.208	0.410	0.216	0.396	0.220	0.350	0.321	0.229	0.176	
Xmas flows -												
SYN flows -												
Top 20 flows -												
Alert fusion: time -		0.837	0.435	0.414	0.329	0.566	0.322	0.422	0.524	0.301	0.436	
Alert fusion: packet sizes -												
Alert fusion: attack types -		0.816	0.567	0.588	0.652	0.486	0.659	0.998	0.637	0.639	0.600	
Alert fusion: ranking -												
·												