Total amount of alerts: 113,572,849

	AR1	AR2	AR3	AR4	VR	CR3
Entropy of destination IP addresses	201	86	178	42	50	217
Entropy of source IP addresses	161	162	114	69	52	130
Entropy of bi-directional flows	216	108	216	42	67	192
Entropy rate of destination IP addresses	214	33	190	59	36	189
Entropy rate of source IP addresses	183	188	158	76	36	211
Entropy rate of bi-directional flows	218	141	219	59	36	187
Entropy of packet sizes	119	123	194	54	56	31
Entropy rate of packet sizes	154	124	191	39	58	35
Entropy of ingress packet sizes	72	187	160	179	214	207
Entropy rate of ingress packet sizes	197	150	208	149	220	125
Entropy of egress packet sizes	160	208	222	88	146	207
Entropy rate of egress packet sizes	135	217	218	222	218	122
Entropy of destination IP addresses with SYN flag	141	60	154	10	1	31
Entropy of source IP addresses with SYN flag	130	216	36	36		59
Entropy of bi-directional flows with SYN flag	142	185	216	10	1	42
K-means with NetFlow header fields	17,151,246	19,549,046	7,421,142	3,983,131	1,820,776	3,409,818
K-means with NetFlow entropy metrics	220	124	210	200	164	125
K-means with NetFlow combined feature set	17,151,246	19,549,046	7,421,142	3,983,131	1,283,985	3,409,818
K-means with telemetry measurements	2,382	4,456	862	4,224	4,819	1,689
K-means with telemetry entropy metrics	77	148	151	54	92	144
K-means with telemetry combined feature set	2,382	4,456	862	4,224	4,819	1,689
Random Forest with NetFlow header fields	627,936	356,819	610,136	810,588	533,329	345,649
Random Forest with NetFlow header fields without IPs	358,154	351,286	362,617	707,296	531,241	103,496
Random Forest with NetFlow entropy metrics			40	54	50	211
Random Forest with NetFlow combined feature set	4	29	30	1,190	356,704	250,537
Random Forest with NetFlow combined feature set without IPs		29	44	371	127,879	103,026
Random Forest with telemetry measurements	647	4,030	3,094	1,182	3,688	5,249
Random Forest with telemetry entropy metrics	230	18	96	24	28	1
Random Forest with telemetry combined feature set	7,081	1,695	4,658	463	5,206	85
Bytes in NetFlow records	217	22	37	125	132	75
Packets in NetFlow records	164	52	46	135	111	206
Bi-directional flows in NetFlow records	220	82	219	55	115	64
Ingress bytes in telemetry measurements	219	219	158	123	218	74
Ingress packets in telemetry measurements	219	217	131	154	221	156
Egress bytes in telemetry measurements	221	214	122	123	221	221
Egress packets in telemetry measurements	220	213	173	154	221	197
Deviation score for egress queue size	7,172	6,647	2,708	6,253	3,968	
Deviation score for egress bytes/s	7,135	3,016	6,933	6,128	3,054	2,758
Deviation score for egress packets/s	6,095	3,798	7,100	6,052	2,838	5,924
Deviation score for ingress bytes/s	7,167	7,122	7,136	6,138	3,065	5,904
Deviation score for ingress packets/s	6,366	5,740	6,885	5,689	2,810	6,382
Deviation score for egress queue size using maximum variance	7,200	5,613	1,790	7,040	4,931	
Deviation score for egress bytes/s using maximum variance	6,022	1,191	619	6,181	2,851	741
Deviation score for egress packets/s using maximum variance	418	995	245	4,155	2,837	951
Deviation score for ingress bytes/s using maximum variance	6,009	7,124	2,330	6,185	2,668	1,157
Deviation score for ingress packets/s using maximum variance	414	2,947	1,193	4,030	2,826	834
ICMP destination unreachable packets	186	199	161	40	2	60
ICMP packets	78	80	76	78	47	68
ICMP ratio	88	91	78	56	10	73
Xmas flows	81	50	50	16		
SYN flows	54,313	318,292	63,534	103,213	376	150
Top 20 flows	3,622	2,820	3,888	1,831	2,223	1,018