

Table 2

The results of the *flip* CNN polymorphic software detection test with the size of the «state matrix» 32x32 at 3 iterations.

N	The value of the coefficients calculated by the Fadeev-Leverrier method for the activation of the CNN	Control number of contiguous «useful» datasets* (byte)	Number of fragments calculated «useful» datasets ** (byte)	Number of malicious data sets detected and likely links across multiple iterations			Number of malicious datasets detected and likely links across multiple iterations
				I	II	III	
1.	0.324562	72	11	62	67	71	4a8a9fc31dc15a4b87bb145b05db3ae0bf2333e4 4a8a9fc31dc15a4b87bb145b05db3ae0bf2333e4
2.	0.345321	86	16	72	78	83	57a9901af6fe030198ef1737783e2048ee96da4a 57a9901af6fe030198ef1737783e2048ee96da4a
3.	0.346852	113	35	107	109	112	e8aeea2e133417ccc4c7074f7227b5924664fc8b e8aeea2e133417ccc4c7074f7227b5924664fc8b
4.	0.357954	152	42	148	151	150	cf8e5e5cf8ee0c4e98b934b6340ec791fc5c86f7 cf8e5e5cf8ee0c4e98b934b6340ec791fc5c86f7
5.	0.416895	163	46	158	160	161	4157ff1d36b093317a97014c310827b15e8b1b67 f651f6b0de51650adc5811e3dc1443553785c0eb
6.	0.468213	187	76	177	181	183	8e620aad952aa7cf72c19c469a3391600814ffd6 8e620aad952aa7cf72c19c469a3391600814ffd6
7.	0.563547	207	77	198	201	206	93e3927e9c2ea61388921ccc47bed63ba5e55f42 93e3927e9c2ea61388921ccc47bed63ba5e55f42
8.	0.583012	216	82	203	207	211	882217e70b5a38422af35378d00d67c7a98f9d10 882217e70b5a38422af35378d00d67c7a98f9d10
9.	0.624856	243	94	237	239	241	a02d219d1ed451c579fe24ea059a6368870106d7 a02d219d1ed451c579fe24ea059a6368870106d7
10.	0.654856	249	107	238	242	247	d7545949148738e3aaae326ee0654a43692c6baf d7545949148738e3aaae326ee0654a43692c6baf
11.	0.734681	280	113	271	283	280	630099914c44d5dfd26ae0ff2dc82e88cc59f3a5 c199b81faa9c73ae7dc9820de7d7f820df7d862c
12.	0.903245	289	117	278	282	283	641d181c28ae1c31c39fa8cd98ff15f7e836ae43 641d181c28ae1c31c39fa8cd98ff15f7e836ae43
13.	1.354879	293	137	284	283	289	6959370a81b3289f0414ed6a94a0697de1696c91 6959370a81b3289f0414ed6a94a0697de1696c91
14.	1.346851	346	142	345	345	346	81062ad757a811d3879995b911fea3e41a49b418 81062ad757a811d3879995b911fea3e41a49b418
15.	1.620314	348	147	338	341	347	9a602c4ee72d903545f28520a6b311e37793c65b 9a602c4ee72d903545f28520a6b311e37793c65b
16.	1.752103	354	139	348	351	353	2be36fbf0198929080a8b089ebdeac53d9303d6d 914f4febd09507adbb7944c33b2022833914f68
17.	1.834891	364	142	354	358	361	f2b38a0089a729ca05b4e0cf338d7ab0971cf572 f2b38a0089a729ca05b4e0cf338d7ab0971cf572
18.	2.346854	367	147	352	359	367	a1f06d859838937795c8b1c9e5f04e0dca92cfab a1f06d859838937795c8b1c9e5f04e0dca92cfabc
19.	2.416482	374	149	364	368	373	c0834397faa82052c0429b9bde7ca19fedb4c906 c0834397faa82052c0429b9bde7ca19fedb4c906
20.	2.764582	384	152	374	379	381	8fddaff78fdaaad6a6c088769c6479e452dad39 8fddaff78fdaaad6a6c088769c6479e452dad39