

Table 2

The results of the *tequila* 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 1. 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.	2.365478	38	12	25	29	37	fb4c78adc5b094a6773b9c6ad0072e8d80ac fb4c78adc5b094a6773b9c6ad0072e8d80ac
2.	2.379562	67	24	34	48	64	5e2cb24de76db2552960e302a28120e61de 5e2cb24de76db2552960e302a28120e61de
3.	2.835956	107	27	75	88	95	b9f18044114ce316b4e4ca5d4ce0e1da0235 b9f18044114ce316b4e4ca5d4ce0e1da0235
4.	3.564879	157	32	115	138	149	c342987129d859c677666ba8e8c01ac0fc29 c342987129d859c677666ba8e8c01ac0fc29
5.	3.798546	168	37	152	162	166	8208c80622bb821f3507bf6e7ea0543d0085 8208c80622bb821f3507bf6e7ea0543d0085
6.	3.875465	175	42	154	168	174	25876c7c69a2a23cefbaea1093c4ce78b2cf6 25876c7c69a2a23cefbaea1093c4ce78b2cf6
7.	4.034564	187	46	162	174	183	14d91a81669449b1e3fffac9ea437f97a0880 14d91a81669449b1e3fffac9ea437f97a0880
8.	4.154687	195	45	176	183	190	7a083a06f8c51eb9a0d5819b53b356d1b86c 51d310e8468292c75d6986e875bc5b2ee91
9.	4.365879	203	49	182	193	198	fb5bd7facef2e1030988effaa2094efe005b30 fb5bd7facef2e1030988effaa2094efe005b30
10.	4.254684	214	52	193	195	204	e1aca2467e7cfb96a8d7a62013a6e54c290b e1aca2467e7cfb96a8d7a62013a6e54c290b
11.	4.356441	223	54	195	209	221	d65ab90307a9b89d7d248ebb9e38462b44e e4e65d1b410e21d0b0d920be715e7b9e8c9
12.	4.654102	247	59	204	228	245	aecddb8ff0dc4801b26531bdd083cb88692d aecddb8ff0dc4801b26531bdd083cb88692d
13.	4.865862	264	63	237	249	261	522566ddab64c0ece61274b820e44ffecfdb 522566ddab64c0ece61274b820e44ffecfdb
14.	5.658742	273	68	255	267	270	78081e397db4cdb68abcaac192aaf6366f54 cbc373950e2ee3f184e3e5023ebec123a57f
15.	5.760213	279	70	264	271	275	0b50f0ea97ea83e86ccedb06c770108166c7 bd77ff162efb6469fc95770a586117ea4c4da
16.	5.802546	294	71	278	286	294	9b6f145de256525403e7e69a2097cfa89bd7 9b6f145de256525403e7e69a2097cfa89bd7
17.	5.826897	304	75	297	300	302	0abfdb87442dfcb5518939ff10684b6a825c 0abfdb87442dfcb5518939ff10684b6a825c
18.	6.356878	312	78	297	305	311	990721cea7e568d2240cf88f4bd2d776ad5d 990721cea7e568d2240cf88f4bd2d776ad5d
19.	6.456825	318	81	312	317	315	7b4d1b14a9a99f2672e0e94861315dd9382 4b1eb66fee1499d1e2bc76908e59c42b7fb3
20.	6.756489	327	84	308	326	319	17e9783dd95da5fb601f0182dc69ead9189b 17e9783dd95da5fb601f0182dc69ead9189b

step 8 was verified after 3 iterations, 9,11 after 5 iterations,14.15 after 2 iterations.