

Table 6

The results of computing the value of CTPH and the editorial distance between hashes of the obfuscated and compile source code of surtr software

File number in the dataset	surtr file hash values (40 byte)	surtr file hash values (1024 byte)	Editorial distance	Percentage of malware samples calculated using scdeep	Percentage of malware samples computed using convolutional neural networks			Percentage of malware samples computed using capsular neural network		
					Training epoch			Training epoch		
					I	II	III	I	II	III
1.	20bd4d2562d85dc05265 0202dd425c52cb203d4d	d46d8d6d40507027b020 d2080d42d2db620277d8	29	35	56	54	58	37	39	38
2.	70c7d62d2d0770d4c0d8 2028d4d72c0202d56520	d4dd4d60d4520c065d42 262d20870662dd4d262c	31	38	55	56	54	30	31	32
3.	c020c82cd42b72728202 2d27022d4d0272027d4c	06b02702dd40286d470b 2d26c05602cd4b6027bc	29	34	58	56	54	30	34	38
4.	67520802026c202cd787 b0726d420d4d272d52c2	725b2d8855282b0d45d5 26c28027d4c022d40c2d	29	39	55	59	59	30	35	36
5.	27572c20d0375dd456d0 2020d4d405202085872d	b2d520d062250d460ccb cd480b2cd42025dd4b20	28	42	61	59	55	37	34	36
6.	b25dc02550d7050d2862 0d4276202bd266020728	22d2d0d42d27d42d80dc 052077d7d288d402620b	31	35	55	59	57	34	35	35
7.	c62703d4222bd06d4dd4 d8d422b0cd4d462b5d46	7d422c7260bd2dd462d2 c62dbd4d422870d4867d	27	34	59	57	58	34	36	35
8.	0268d02b272d52b52d02 085277d4d4d02bdd4c2b	202872d20d46c0d56620 266502dd4bc0b0720620	31	35	55	58	57	34	34	31
9.	26c2dcb22b222b2b2d20 5d4d42dd465606ccb028	862d7282c0d40d40c502 5d4d42582225bdc82d2c	28	39	56	54	52	30	31	35
10.	727d4dd4035d4dd4d702 585bc77d4d7d02527c02	d462d68bd2828262d5d4 82dc207260d4226cd426	33	42	59	57	58	34	35	34
11.	0d42d202dc0686d80202 d7276d2d0dd47cd2572d	d2cc6dd48cb27d2dd458 b0d46bd4d40d4cb0cbd4	33	33	55	59	58	35	31	30
12.	d2cc6dd48cb27d2dd458 b0d46bd4d40d4cb0cbd4	0608725dd4d40dd420d c068d4255d685d40d52	32	38	57	58	59	30	31	32
13.	02cbd4872d760257d48d2 d40d7db52dd45d70b2d	d4dc885c203d4c0827b2 d4d0d42d6652bd2d5572	30	3956	56	55	54	34	35	31
14.	762d20d427b2622262d2 60bd0bd4228b62dd4822	55b2770d6262d60205d8 c03585258d4d28d20820	29	35	57	59	58	53	54	52
15.	0d4085d620d20d5d4b52 50d4282d0d4d2d7b70b0	802b0d277d4c26d4d580 bd48d4720d426272d52d	30	34	55	58	61	34	35	35
16.	2b2827726265dd4d2ccd c2d8572b705d4d42d2d0	57db2d27d2620d7ccb6 bd4b78bc2d80c2dd4dd4d	28	34	59	61	62	30	31	34
17.	587d42d028b2520d4602 bd8d427d40b8272d2d05	d80c507b028d4d20d42d c50cb5d4c0cd4bc02b68	30	38	42	48	47	30	31	32
18.	2dc2672b7282d5dd428 d5d20d4b0d4d6027206c7	b025b76dc278c0c6066d 2d8d6cb260705706c72d	32	34	55	57	59	34	38	39
19.	7025cc62d0520d85bdd4 2c2d5d4cd4207d4d2026	d46d42dbd4c2d020280c 270d4b8267b2c025d020	32	36	55	57	59	31	31	30
20.	052206dd42cd702cd403 07dd4257d28202d06203	0276b020620552782db2 c276c825d40d4dc2652c	32	38	55	54	52	31	32	35