

Table 2

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

File number in the dataset	engrat file hash values (20 byte)	engrat file hash values (80 byte)	Editorial distance	Percentage of malware samples calculated using <b>scdeep</b>	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.	4c00669902989c46d262749946bc270086bb46c2	902779909868800bbc2604cd6ae5a7b6c09b9b90	32	39	41	44	49	30	33	32
2.	b5a489902d289d92c05a02dc987d7c2644ae8d62	074292429b5a626b6d4d2d88897978724cb029c2	32	35	48	47	47	30	32	33
3.	67ae242849029cb98c9099799908bae27ae00272	ae84844baebae27299d7067c049bd92d865ab260	33	34	41	42	44	30	30	31
4.	09804b05a2998c2d5a42ae5ab646d428709600ae	68862c002d06c2442d0986bae9dbd969884b7d97	34	33	42	45	44	35	36	36
5.	9629d4ae608c99940d9bdd45a4900269d62d7d26	5a82902bc5a5a4ae6bae5a40c475a7b07769cd26	33	39	44	48	47	30	31	32
6.	0cb5a4c070898009045a0d9bc2d90926d026b27d	805a600cc5a6785aae070c5a9c80d2b70070cc82	33	41	49	51	52	40	39	39
7.	2484b2b9794ae24909929029c906c02908928649	b94c7004080b95ac6429c0d70d9244d0445a9690	35	35	48	48	47	30	32	31
8.	0c9290ae70bb709244b8607db84ae878d07aed04	b5a9270290245abdcdb9285a907275aae9c2bd5a2	33	36	41	41	46	30	30	31
9.	5aae9d2c8ae8290c262709b695a8895a2d005a5a	7260ae85a0b78076b04d5a2845a924695ad89d27	32	38	44	49	48	30	32	31
10.	2d27009ae26c05a448c0bd042dd870905a79b0db	c72d2c09d9bcc79900972b70292995a690067724	32	41	48	49	44	32	34	36
11.	2c02c0c5ad267824928bd92904ae40c00c4d76c0	ae05a4d27c9c24d409694b400904ae2d2c005a90	31	36	44	45	49	30	33	35
12.	805a65a45ab074775a2407699d045a000d97275a	40bd2977d0605a5aae27d0cc97b2b9dd92699828	35	37	44	48	48	31	36	36
13.	5a9b5a02d9b92440294d4885a89dd690696c2709	5a2960b070b90c88695a070dc8b8ae42460ae789	31	38	41	44	46	35	37	38
14.	272b0089d0d08b90d0c098995a006072bae7c45a	092b06872cc4d2b0248d94292d462968245a2d97	32	39	44	46	45	32	31	31
15.	0ae0069c87240940c92868c4049dc6ae682d940b	c26079aec265a5a028bc6027b004095a7c86c6c9	34	27	29	30	31	22	24	25
16.	94005a6002609d8606095ac900b60c05ad88bccb	2802c9d90b2729aec98d29928066b6b7042605a0	35	29	29	34	34	24	26	25
17.	98ae0297000b049ae5a2c0ae790862d929cc5a2c	967c02d5aae2b0cd0cc027960d604cae285abae2	34	35	37	39	38	29	31	34
18.	ae864860c694ae49c95a7dc929cd009675ad9079	0c929ae0995a5ab0d27b80c05a7ae8b0c5a65a92	35	42	49	55	54	31	35	34
19.	d5a02d2d0ae5a8904d60c00d92c05a99d069827b	aeaec4ae799242c976ae79290d9b7baeae67c6ae	35	35	41	44	45	36	34	38
20.	6bc4ae828bdae98726ae5ad0b64aeae68299b988	0449b0ae2995a24727005a00c84ae27760bc89c2	33	41	49	55	54	32	35	34