

Table 2

The results of computing the value of CTPH and the editorial distance between hashes of the obfuscated 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 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.	7007b7d793697d097936 d997c807c79969bc87c7	99890bc36d798c36d707 7c36b60670d8936697dc	31	34	30	31	34	49	49	50
2.	897969ccc366987d9799 7c799c8367b99799cc8d	79d76cbc97b7cc88697d 99c7c8b87c0706c79989	28	29	31	32	30	51	52	53
3.	697cd07807cd7cb98c97 979369c8bdcd99c99797	936b7689dcc07db97087 70936706d96870936799	28	30	31	30	34	49	52	53
4.	787c3699c79b7097c9dd c97999986979d9cc99dc	0cb79999796c9d79d999 79cc79b9b93697679878	29	27	30	31	28	44	48	46
5.	6bc0798d8b3679899636 3679b60d36968979b788	c7679369cd6d3699d8bc 6979bc7079799c86c6c9	31	30	29	27	28	49	48	49
6.	d36790cdb79367d7836c 00997cc79997b99997b9	98d9979bcd7997c7c799 c9089d98b098b79b0667	29	28	30	31	34	42	46	45
7.	7080bdb99707c703697d 99d7c996c797c8978607	b90c9990787b7d7c6079 cc79c36d003600d97699	31	34	30	31	32	52	54	54
8.	79c98c8c9369bc798087 6bc0369700c96bccdc08	c7976bdc798b93670c7 bc9368d836dc7936978cc	30	31	30	31	32	48	49	48
9.	9d8936cd96036c976936 bc9bb636cc97d7c997c8	b9c9799cd9d796799097 67967c836d7b9c8c9cd9	30	36	30	34	34	50	52	53
10.	c997908d99bdbbd9367d c09997998cdbc69c3699	b70796d69bc976367997 36087d096cc7bc7db907	30	39	40	42	46	51	55	52
11.	89b367cb3608dd6c6707 b0c369c899369936c097	7d07936999367c679d67 036d969997b907936369	27	34	30	31	32	49	48	47
12.	799c36d98c6c0c07bd97 97d6b369797936d869cc	9b89036c368b8360789b 979d9887980369070369	29	30	30	29	28	44	44	46
13.	c7936d78cc0999c96c97 c0367c690c9bc93697b6	08997636990706c9869bc 97b3669769c7d9bccc67	30	28	27	29	28	46	48	47
14.	9997679d7db7d70d890c 7db936999cc36d799369	70797c907db7097c7b97 8936976b86367dc7cd99	27	29	31	30	30	31	34	36
15.	879367c86c0936366769 368797896b79c9609790	79988c7b93697c96897c0 79c9367d79797900997	27	26	24	26	27	45	48	46
16.	9cc797636c99369078c7 8b79db06767dc89c7936	7d7099c799ddc369099 b97c90dd890dc9d799c87	31	31	30	29	27	45	44	48
17.	36c99836c9976b36797 369bcc369cc97cc8c0d67	7979b7989369360bc79d7 c0979907c36936b3679	31	24	26	27	24	37	39	38
18.	d797ccc9799878936c7c 608898799679979699d7	cc367d7bddd7c3609936 9b76998cdc9979c9c79b	30	31	33	33	35	49	52	51
19.	99b07983697836367999 c60798369936b99cc79d	76c9bbd009b99d3679 79c79c367c6d9898799c86	30	29	27	28	29	52	53	51
20.	6c767d67c998360cc9c 6c69607dcd7cb63636cc7	799d369367bc369979 999c36cc90c036780c7db9	32	31	37	28	31	55	59	57