

Table 4

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

File number in the dataset	mimikatz file hash values (20 byte)	mimikatz file hash values (512 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.	cf2a36dbf3dd252acc5633ef3db629f7df3ca96a	d9ad335fc757c665b2cafa9a7e3dafdcf5bdcf77f	35	25	29	34	38	19	18	19
2.	c7b7fd2cfe3fdcccca2acff9f9c3b32aad3dacff	fa5dda3f3bf2d7cc3d7f37d9cf623e9f3fa7cfcc	31	32	37	39	36	27	29	31
3.	dfb75c59f99fcd37ecce9b6ac5ca259bca222b7c	6252d992a2ed9bacca776339bcfa9c7ffcf7d6	33	27	32	38	42	19	22	21
4.	9e6eae6d6ceff5fddd7fb62792fec5c5ef76cfcd	fda9c2cb7f9f3577fc5ded65cf67d3f99acfc9f	31	29	35	39	42	22	26	27
5.	edd2376a6df636b26c2397f9cdeacdcd27c5d59b	7cbb2c535c27f76c3cf299dc92c66ce5afc3ccdc	33	37	46	49	51	32	30	31
6.	d5e67f6a6eeee6b263dfd97f9ce39adcd25c7d59b	2365cf6a6ee7c6b263dfd97f9cef6ddd25c7cddf	15	46	52	59	55	34	33	35
7.	d9c92326f5bd6c3cc7dd2debcc2caab2db22e9a7	d5e67f6a6eeee6b263dfd97f9ce39adcd25c7d59b	34	49	55	59	64	37	32	38
8.	cda5ecdcdcf3e5cabffc7ddaf6db7cca7a77ccdcdb	53cfcd2c2fdd9277c3c5d29fdda3aacc9c9aefdc	33	52	58	56	55	34	38	37
9.	fea5927f2cced9cfffbdcca36df2fcd5dbc7bfcf	5ee5927f2cced9cfffbdcca36dd23cd5dc5632f7	13	37	42	49	46	29	32	34
10.	aefa67f2a3da77d6ccf99ddc3cf6ccc6e7efca2c	732cf376c67c692bccaa52797cd925fed35c9cd2f	36	46	52	59	62	34	33	37
11.	6cde2f57cc6cc6f62fffd365d66596daae3726cd	adc6cfff5bdd6cd77fcab765d99dff2b5abbccaa	32	49	57	58	57	37	39	35
12.	df6df3a7cf2dccc7aec7eedf6ad36f229cfdd25d5	efcf9ddffccc7fbec973a6f6cf7c6adcbdce3a	31	30	34	38	35	26	28	27
13.	bc6a5c37f5c523ed3dedcd6a97637b6a5f96bfd2	de3ddcfb6eb5df59f22fd7ce2d7d3eadcfbfcaee	36	26	32	37	35	22	20	21
14.	fbd2cccefabccdcfc33e2bcc3ac95e673b72eae9	e57e7cde76ebef5fb595e7dcc79ca7c6e6ddff35	35	20	29	32	31	11	9	10
15.	ecbc6bdc2a7cddf69dc5fb7c266c6fe5fe7c5bc	ddaf7bbab2bda69cfcefac2dfb6fc9f652cbc5d3	30	29	37	35	39	25	29	24
16.	c96edd9c9cc36ded3bb27ba335263cf7ddad9df5	6cff5dbab2bdaded3bb27ba335263cf7ddad9df	13	35	34	37	36	29	28	28
17.	df665cf96f5db3ff75af3276bcfcfd7bc6fd5cac	dae25ef6d6d7fbca37c5dde3f2fc2c277d5766cf	32	46	52	55	59	37	38	37
18.	ddb79ca27fccfdda9c7c6cfef2b62ec3c7bf7d	df665cf96f5db3ff75afd276bcfcfd7bc6fd5cac	33	52	59	62	66	42	49	48
19.	7277fd3e6d5f9fc29f56bace9dd9fa522dcfad72	dcce39acc972eafee36c9ddfb769975557fd6fdc	35	65	72	74	76	42	42	41
20.	da39a3ee5e6bfbc325dbfef956cdc9cafddc7c9	c6fd93c3c533cfcd2fdd9763cc5ccbcdecfbdcdb	31	52	62	67	63	42	49	46