Table 4

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

		source code or a								
File number in the dataset	athena file hash values (20 byte)	athena 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		
nnu					Training epoch			Training epoch		
File										
					I	II	III	I	II	III
1.	cf2a32dbf75d252acc5c	d9addd5fc757ccc5b2ca	31	46	49	52	54	37	35	34
	0daf5dbc29f7dfdca9ca c7b7fd2cfadfdc03ca2a	f9a7a4dafdcf5bdcf77f fa5ddadfdbf2d7ccdd7f								\vdash
2.	cff9f9cdbd2aadddacff	d7d9cfc2da9fdfa7cfcc	31	45	49	48	46	37	38	39
3.	dfb75c59f99fcdd7acca	c252d992a2ad9bacca77	30 32	58	55	59	56	49	45	47
J.	9bcac5ca259bca222b7c	cdd9bcafa9c7ffcfa7dc								
4.	9aca78dc5aff5fddd7fb bc2792fac5c5af7ccfcd	fda9c2cb7f9fd577fc5d adc5cfc7ddf99acfcc9f		53	56	57	59	47	41	46
5.	add2d7cacdfcdcb2cc2d	7cbb2c5d5c27f7ccdcf2	30	40	49	48	46	38	34	37
	97f9cdaacdcd27c5d59b	99dc9270fca5afcdccdc								
6.	d5ac7fcac10aacb2cddf	2dc5cfcac7a7c0b2c10f	19	22	24	29	28	20	19	18
0.	97f9cad9adcd25c7d59b	97f9cafcd78d25c7c02f	13	22	24	23	20	20	15	10
7.	d9c92d2cf5bdccdcc7dd	d5ac7fcacaaaacb2cddf	32	29	30	32	34	28	27	26
8.	2dabcc2caab2db22a9a7 cda5acdcdfda5cabffc7	97f9cad9adcd25c7d59b 5dcfcd2c2fdd9277cdc5	29	37	42	46	48	37	38	39
	ddafcdb7cca7a77ccdcb	d29f5dadaacc9c9aafdc								
9.	faa5927f2ccad9cfffbd	5ee5927f2ccad9cfffbd	13	29	34	38	41	24	26	28
	c6adcdf2fcd5dbc7bcfc	ddadcdd2dcd5dc5cd2f7								
10.	aafac7f2adda77dcccf9	7d2cfd7ccc7cc92bcca5	34	24	30	30	34	24	22	23
	9ddcdcfc753ca7afca2c	2797cd925fadd5c9cd2f								
11.	45da2f57c4537cfc2fffd	2dc7cff5bddccd77fcab	32	55	46	49	42	54	59	52
	dc5dcc59cdaaad72ccd	7c5d99dffc2b5abbccaa								
12.	dfcdfda7cf2dcc7aac7a	afcf9ddfccc7fbacc97d	26	49	49	52	54	48	43	42
	adfcaddcf229cfdd25d5	acfccfd7ccadcdbdcada								
13.	71ca5cd7f5c52d753fad	dad78cfbcab5df59f22f	31	37	37	38	41	30	31	32
	cdca97cd7bca5f9cbfd2	d7ca2d7ddaadcfbfc786								
14.	fbd2c5cafabc0dc0fdda 2b41dac95ac7db72aaa9	a57a7cda7cabaf5fb595 a7dc079ca7ccacddffd5	36	59	52	55	56	48	42	44
15.	10357bdc2a7cddfc9dc	ddaf7bbab2bdac9cfca	29	37	39	42	46	30	32	31
	d5fb7c2c70cfa5fa7c5bc	fac2dfbcfc9fc52cbc5dd								
16.	c9cadd9c910236874562	5cf05dbab2bdadaddbb2	19	59	55	59	r -7	41	46	44
	7badd52cdcf7ddad9df5	7badd52cdcf7ddad9df					57			
17. 18.	dfcc5cf9cf5dbdff75af	daa25afcdcd7fbcad7c5	29 31	46 42	52 46	56 48	51	42	40	43
	d27cbcfcfd7bccfd5cac	ddadf2fc2c277d57cccf					<u> </u>	74	40	7.5
	4db79ca27fccffcdda9	dfcc5cf9cf5dbdff75af					43	38	34	35
19.	c7cccfaf2bc2acdc7bf7d 7277fd0acd5f9fc29f5c	d27cbcfcfd7bccfd5cac dccad9acc972aafaadcc	32	40	46	44	42	33	34	38
	baca9dd9fa522dcfad72	9ddfb7c9975557fdcfdc								
20.	5a09ad5a5acbfbcdd25d	8cfd9dcdc5ddcfcd2fdd	32	41	45	49	42	37	35	38
	bfaf95c5dc9cafdcc7c9	97cdc65103cda7cfbdcb			43	43	44	3/	JJ	30