Table 2

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

File number in the dataset	athena file hash values (20 byte)	athena 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.	d007bdfd9779df09d9dd f99dc80dcd9969bc87cd	99890bcddf798cddfd0d dcddb606d0f89d769dfc	31	47	40	41	43	55	56	57
2.	89d969cccdd698df9d99 dcd99c8dddb99d99cc8f	d9f76cbc9db7cc8869df 99cdc8b8dc0d06cd9989	27	52	44	45	40	64	68	62
3.	69dcf0d807cf7cb98c9d 979779c8bfcf99c99d9d	97dbd689fcc0dfb9d08d 7097dd06f968d09ddd99	30	64	60	61	63	76	79	81
4.	78dcdd99cd9bd09dc9ff c9d9999869d9f9cc99fc	0cbd9999d96c9fd9f999 d9cc79b9b9dd9d6798d8	28	18	17	19	18	29	31	34
5.	6bc0d98f8bddd98996dd ddd9b60fdd968979b788	cd6d97d9cf6fdd99f8bc 69d9bcd0d9d99c86c6c9	29	37	59	67	55	61	64	67
6.	f7d790cfbd9dddfd8d7c 00997ccd999db9999db9	98f9979bcfd99dcdcd99 c9089f98b098bd9b066d	28	56	47	49	46	62	67	68
7.	d080bfb9970dcd07d97f 99f7c996cd97c89d8607	b90c9990d8db7fdc60d9 ccd9cd7f00dd00f97699	30	24	28	29	34	42	49	47
8.	79c98c8c9dd9bcd9808d 6bc0dd9d00c96bccfc08	cd9d6bfcd98b9ddd0c7 bc9dd8f8ddfcd9dd978cc	30	67	55	57	59	77	79	84
9.	9f89d7cf9607dc9d69d7 bc9bb677cc9dfdc99dc8	b9c9799cf9fd96d9909d 6d967c87dfdb9c8c9cf9	28	52	48	49	47	64	68	61
10.	c99d908f99bfbbf9dddf c0999d998cfbc69cdd99	b70796f69bc9d6d77997 dd08df096cc7bc7fb90d	32	23	29	27	28	37	42	49
11.	89b7ddcbdd08ff6c6d07 b0c7d9c8997d99ddc097	df0d9dd999d77c6d9f6d 0d7f96999db90d9d7dd9	30	64	60	67	64	77	81	84
12.	d99cd7f98c6c0c0dbf9d 97f6b779d9d97df869cc	9b890ddcdd8b8dd0d89b 9d9f988d980dd9070dd9	32	34	37	38	41	55	58	61
13.	cd97dfd8cc0999c96c97 c0d7dc690c9bc97d9db6	0899d6dd990706c9869bc 9dbd769d69c7f9bcc6d	27	55	49	47	46	61	68	67
14.	999d6d9fdfbdfd0f890c dfb97d999ccddf799dd9	d0d9dc90dfb709dcdb97 89dd9d6b86dddfcdcf99	29	51	47	49	51	59	61	67
15.	8d9dddc86c09d7dd6769 7d8d97896bd9c9609d90	d9988cdb9dd9dc9689dc0 d9c9d7dfd9d9d90099d	27	23	29	31	31	37	41	46
16.	9ccd9d67dc99dd90d8cd 8bd9fb06d6dfc89cd9dd	dfd099cd99ffcdd9099 b9dc90ff890fc9fd99c8d	29	27	30	31	32	49	51	52
17.	ddc998d7c99d6bddd9d d79bcc7d9cc9dcc8c0f67	d9d9b79897d9dd0bc79fd c09d990dcdd9ddbddd9	29	38	37	38	34	49	48	46
18. 6	fd9dccc9d998d89ddcdc 6088987996d99d9699fd	cc7ddfdbfffdc77099dd 9b76998cfc99d9c9cd9b	30	24	35	37	34	48	49	52
19.	99b0798d79d8dd7dd999 c60d98dd99ddb99cc79f	76c9bbf009b99fddd9 79c79cdddc6f9898799c86	30	43	40	41	43	52	59	54
20.	6cd6df6dc998dd0cc9c 6c6960dfcfdcb67dddccd	d99fdd9dddbcdd99d9 999c7dcc90c0dd780cdfb9	31	19	24	29	27	37	41	49