Table 2

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

File number in the dataset	grum file hash values (20 byte)	grum 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.	7007b7f793a97f09793a f997c807c79969bc87c7	99890bc3af798c3af707 7c3ab60670f893a697fc	31	33	30	35	32	42	44	46
2.	897969ccc3a6987f9799 7c799c83a7b99799cc8f	79f76cbc97b7cc88697f 99c7c8b87c0706c79989	28	34	34	32	30	42	44	46
3.	697cf07807cf7cb98c97 9793a9c8bfcf99c99797	93ab7689fcc07fb97087 7093a706f9687093a799	28	29	34	35	39	46	48	47
4.	787c3a99c79b7097c9ff c97999986979f9cc99fc	0cb79999796c9f79f999 79cc79b9b93a97679878	29	32	30	31	33	49	49	50
5.	6bc0798f8b3a7989963a 3a79b60f3a968979b788	c76793a9cf6f3a99f8bc 6979bc7079799c86c6c9	32	39	34	30	31	46	48	47
6.	f3a790cfb793a7f783ac 00997cc79997b99997b9	98f9979bcf7997c7c799 c9089f98b098b79b0667	29	37	30	32	33	48	49	52
7.	7080bfb99707c703a97f 99f7c996c797c8978607	b90c9990787b7f7c6079 cc79c3af003a00f97699	32	34	30	31	32	46	42	45
8.	79c98c8c93a9bc798087 6bc03a9700c96bccfc08	c7976bfc798b93a70c7 bc93a8f83afc793a978cc	30	35	37	35	35	49	48	48
9.	9f893acf9603ac97693a bc9bb63acc97f7c997c8	b9c9799cf9f796799097 67967c83af7b9c8c9cf9	31	32	30	30	31	46	45	48
10.	c997908f99bfbbf93a7f c09997998cfbc69c3a99	b70796f69bc9763a7997 3a087f096cc7bc7fb907	30	32	30	31	29	46	48	48
11.	89b3a7cb3a08ff6c6707 b0c3a9c8993a993ac097	7f0793a9993a7c679f67 03af969997b90793a3a9	28	29	30	29	29	38	41	39
12.	799c3af98c6c0c07bf97 97f6b3a979793af869cc	9b8903ac3a8b83a0789b 979f98879803a90703a9	30	37	36	30	32	44	46	48
13.	c793af78cc0999c96c97 c03a7c690c9bc93a97b6	0899763a990706c9869bc 97b3a69769c7f9bcc67	31	38	41	46	45	48	52	52
14.	9997679f7fb7f70f890c 7fb93a999cc3af7993a9	70797c907fb7097c7b97 893a976b863a7fc7cf99	27	30	34	32	33	39	41	43
15.	8793a7c86c093a3a6769 3a8797896b79c9609790	79988c7b93a97c96897c0 79c93a7f79797900997	27	34	30	30	31	49	48	55
16.	9cc79763ac993a9078c7 8b79fb06767fc89c793a	7f7099c799ffc3a9099 b97c90ff890fc9f799c87	31	38	31	32	33	44	48	47
17.	3ac9983ac9976b3a797 3a9bcc3a9cc97cc8c0f67	7979b79893a93a0bc79f7 c0979907c3a93ab3a79	32	36	30	32	33	44	48	47
18.	f797ccc979987893ac7c 6088987996799799699f7	cc3a7f7bfff7c3a0993a 9b76998cfc9979c9c79b	30	34	30	31	32	49	48	49
19.	99b07983a9783a3a7999 c607983a993ab99cc79f	76c9bbf009b99f3a79 79c79c3a7c6f9898799c86	31	39	40	41	44	49	48	50
20.	6c767f67c9983a0cc9c 6c69607fcf7cb63a3acc7	799f3a93a7bc3a9979 999c3acc90c03a780c7fb9	33	41	41	44	43	52	56	58