Table 5

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

File number in the dataset	surtr file hash values (40 byte)	surtr 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.	df99f900806bfb0d928c b9519860c890f9d80751	c69c99890899c90c2fcd 97698088cbcd00cfbc0b	31	38	55	57	58	31	34	35
2.	7277fd906c8f9f029f86 bf051cc99f822d0ffd72	d0c519f0c9720f90516c 9dcfb7699788879d6fd8	33	39	55	56	57	31	34	32
3.	ccb79cf27fc0f9cddf9 07860f0f2b6208987bf7c	cf668899698cb99978ff c276b8f51c7b06fd8cfc	34	42	55	59	57	34	30	31
4.	cf668899698cb99978ff 9276b8f51c7b06fd8cfc	cf028516d6c7fb0f9708 dc51f29028277c87668f	31	45	55	59	57	31	32	30
5.	c960cd9518c96c0c9bb2 7bf998269517ddfc9cf8	68998dbfb2bdfc0c9bb2 7bf998269517ddfc9cf	13	22	37	39	39	27	25	24
6.	0cb86bd02f7cddf69d8 c89b7c26686908f07c8bc	ddff7bbfb2bdf69cf00 9f02d9b69899682cb08c9	31	34	34	35	39	30	31	32
7.	9bd20080ffb0cc88f990 2bc51fc980679b720f51	08707cc0760b0f89b898 07c8879cf78606dd9f98	33	39	55	57	58	34	35	38
8.	b86f8897f8c8290c9d0d 0c6f97697b6f8f96bfc2	d51cdc9b60b8cf89f22f d7802c7c90fd51bfcf00	34	46	59	61	62	37	38	36
9.	d96d99f7c92cc87f0c70 0c96fd96922951dc28d8	0f8f9ddfc007fb00c979 f6960fc786fdcdbd851f	32	45	59	62	62	34	41	40
10.	60c02f87806cc6f62999c 968d66896dff517268d	fdc68998bcc60d77f0fb 768d99c9f82b8fbbccff	33	37	55	54	52	30	34	32
11.	f0ff6792f9cf77c60cf9 9cdc9cf680060751cf20	79251976867c692bccf8 27978d928f0d98c9cc29	32	39	55	56	54	42	46	41
12.	f0f8927f28c0c989ffbd 00f96cf2f8d8dbc7b510	8ee8927f28c0c989ffbd ccf96cc298d8d88692f7	14	29	34	35	39	55	59	57
13.	8cf800ccdf908cfb9907 ccf96db708f7f778cd8b	898f0d202fcd927751c8 d299ddf9ff88951f51d0	34	42	55	57	59	31	30	32
14.	d9512926f8bc6c9c87cd 2c0b0c28ffb2cb2251f7	d8067f6f600006b269cf 97f9c519fccc2887c89b	35	41	59	57	57	37	39	38
15.	d8067f6f600006b269cf 97f9c519fccc2887c89b	29688f6f600786b269cf 97f9c0f6cddc28870ccf	17	40	59	58	58	34	35	34
16.	0dc2976f6cf696b26029 97f9cd0fcccc2788c89b	7cbb20898827f76518f2 99c512866c08ff510cd0	36	34	55	58	54	39	37	38
17.	9060f0c6c51f89ccc79b b6279290c8085176898d	fcf9820b799f9877fc8c 0c688967c9999fcfc519	36	38	44	49	48	34	36	35
18.	c9b78889999fcd970c80 9b6f888f289b8f222b70	6282d992f20d9bf00f77 6999bcf9f987f98907d6	33	34	55	57	58	31	30	30
19.	c7b79d25151fcc008f2f 8ff9f989b92ffd9cfcf9	ff8cdf999b92c7cc9d7f 97c98f6295199ff7c988	33	46	59	59	61	34	38	39
20.	512f96db99cd282fc086 990f9db629f7cf98f96f	c9fd9989c7878668b28f 99f751dffd898bc89779	31	40	55	56	56	37	39	38