Table 3

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 (20 byte)	surtr file hash values (256 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.	244e479272742b24d2b292e42c24eb72c7072c4b	7420828c97e4b229848dcbc4ed4e4424cb222c48	30	37	49	51	54	37	34	34
2.	4477c77c28428474b97c4ec0944e4eee87482b94	202c242427c4c40c7d77d8c72eee7c4cdc9448cb	32	34	55	59	58	34	30	31
3.	7420828c97e4b229848dcbc4ed4e4424cb222c48	2742cb2c248b4d724c7bc4d7828de22e0d7478c2	32	38	59	61	61	30	34	36
4.	87d0844242e9ce27ee92404d07c4224dee9cd4ec	742ee4eee7eccc0e2bc47d2b24b2208e7209e79c	32	34	55	59	57	31	35	34
5.	ce89bd7240c2b4449448de7c08d4477848744792	7c94e42dc42474e4de4727eeb89249cbc0774d72	30	39	46	45	42	30	31	32
6.	028027c24c47d242c927b20bbc77cc472e2402c8	b4c0740c242e0c74440ec74c7c8772db92820c29	30	35	55	59	58	34	36	35
7.	ee4e479272742b24d2b292e42c7248cbc7072c4b	2c74c2cc42e72727ee2d2797890bee8448b48774	33	38	41	45	49	30	31	30
8.	24429424c942b7482bbdc4c2dc4004448c240ee4	24cc2d2c4d7494292c02bd9d7842827c0bd4bdc7	31	35	58	57	58	31	34	35
9.	272704c2b247ed2e827c44497222444eb94402b9	4824470b2ee947272790c4484248b498b29b4cc2	29	31	55	59	54	34	36	35
10.	d4ee948249b2bb24e7d224940744822b2c427249	b7470c2c0b29ec2774477d48ee44cc27b272b447	31	37	59	61	62	30	34	36
11.	80b72d2bdd48eeccc747b427d9c8047d09e7c447	72424e29942772cd42c74d724c994eb947427770	32	34	59	57	57	30	31	32
12.	04208ed9042cdc472472c204c7d47e24272db8d8	2cd7890b4b47c24d28492dd4287b8ccb7c427408	31	35	57	57	58	39	34	38
13.	d90cd7248ccc4247b24e472cb77424e47728c922	0b844d72d28b8724284b9d42488e9842e9474dd4	33	34	55	57	59	30	31	32
14.	9cc297c72200de04282d8b202b4c2ceec84c7927	d2d4402d40ee2ee4494b4d244ee844220ee9428e	34	39	55	52	57	30	34	36
15.	79d494988deb724842c44c947442d294dedc407c	4ed4ee4c9474ee879ce2ed9e747c7d2cee44ccbd	31	37	59	57	58	31	34	35
16.	7ce22eccc2970cce027724c0b7947442282d740b	28d478c4b704c7494e24bc2477e7e0e4202e2708	31	35	54	59	57	30	34	35
17.	2d47eed8cc494420cc47c4e7ecc94c4b207e9ebc	48447c7744474cc08c4bc47b27c9dc02729b2cce	29	39	59	64	62	34	38	37
18.	e0c098e7c94dcbe2d0e790b227d4224ecc8242c7	2470b74847e42e4bc79ee244e00472d74eeb7e20	34	34	55	57	56	34	39	37
19.	8d0deec8c24927d2c7c472870784cb24c4c49704	e048827b9ee4dc9c84724e4c9e7d274e4d044902	32	37	59	64	65	34	35	35
20.	4092ce4272bd2d42894ce2b472049c2dd27947e4	7420e204e2b7497ceb4780ed97cb8cdde227c244	29	38	55	58	57	30	32	31