

Table 8

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 (128 byte)	surtr file hash values (1024 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.	cb0e0e08bfc087f18bf080e90e0e01f89518f0b8	01fc78f01bf870f35cf100e80e051f0f07f00e5f	28	38	59	57	58	34	35	31
2.	bfc01f087bbf7b0e0e0e1f3abf07350ef7fc980f	08c3af08583a0c3a0b5fb0ea07f080e8f50ef185	31	34	55	54	58	31	32	32
3.	3afc0f00e3af0f0f100bf3af0e15fcf5fcc01af	5f00e0ef90ea8f9f7f3a70910f00e0735190efc0f	30	35	59	54	56	31	35	34
4.	fc0ea01f35b80e0fc1cf090e010f3af0e1f709f	cf9fbf0bbf8f35f08c5f7f89f0f580fc0e5f507f	28	36	37	39	38	32	34	35
5.	f0b0e0e0e05fcc1070fcfc5fb50e880fb080e0f0	b0ea155cb8b5bb070eb0f9f0f5581f3a0bbf1f1f	32	38	56	57	58	31	30	32
6.	1f07c0e0e3af78f18f7f70cbf7ccf90e8fc53a95	f980c0f707f0801f0e1557f1f35f070eb5f7fbf0	33	35	55	58	59	31	32	30
7.	0ea8f935350e350e0e5f0f5050e177bf0f5f7bcf	8f8f00e77b0eb0f0f3a7f1f3ac8b35b0e8f81c1f	32	42	59	57	58	31	35	38
8.	bf1f0bf8f0f1873a0ef113a00ec180558b57f081	1a0ef8350ea0e95f00e0eb0ec0ef0fb891bfc0e	31	34	56	59	57	35	39	38
9.	f7cc8988c0e1fc0ef3a550c9918f5fbfcf85c05c	99f80e0ef10bcf8070fb9fbf0cfb13a7f99fcf0f	33	36	61	62	61	37	38	38
10.	00ef75f5cb3a750e1c9bf7fb5f7b9f0b0e3ab070	70f3afc9f00e7f9f983a7f77ccf5fc0f3a0e0ef0	30	37	64	65	62	38	41	40
11.	179b0ef0857f9773af88f105f0f7cb570b91afb9	180e1f8f00ef00efc0efbf055b80ef508f8080ef	34	38	55	59	57	31	34	35
12.	b73a3af87b1afc1bf0c50e0e3a7f0b3a0ecf0f79	1c0e0535051fc350c0e07098f0f80e00eb0ea0e0	33	39	42	45	45	30	32	31
13.	0e0f01bb0f0f1808f8f083af0f798170f80fcf35	50b0bf00ef8358770c00e80e017f8f0f0fb7f35f	27	31	42	46	48	30	34	32
14.	0e0ef75f50ef0cc070ef0f0fbc1f0f5fb73af7f1	0f0fb3af3a8fcf0fb1fb0e0e00e9351f1fbf8b0f	30	30	45	49	45	31	32	35
15.	c0bf0f10bf00e0e5080e00e9cf183af00ebc90e5	0e0e7809f50bfcf083af7f50e0ea010c80f3a0ef	32	32	55	58	57	39	37	35
16.	cb0e0e70e80ef0f598fb1b0e5f00e0e9f0f7fb8f	5758f550e3a0f00eb0f0f00e87f5c0f7f09750f	29	34	58	61	62	35	38	36
17.	73af07fb5c3af70eacbf7f0f917f1b0e00e0e0f1	5980e1c0e0e8f00e350bf0b3af0f170ef180ef7f	30	35	55	57	59	35	34	38
18.	f35bf00e50f7c80ec801b3af0c88bf351fbf7f7f	0f70ef050f05f10f5f5ff83580efc00e8fbf3a0bf	31	35	59	61	62	34	35	36
19.	f00ef08f0c1fc00ea00ebf5f9873af5f8f5b1f51	883a8f0100e0f8b51f350c09b1f0fcb70e3a918f	33	39	61	62	66	42	48	48
20.	f09f90e70c080e0f98fb00501f7c0e0e0ef70efb	5957059c0ef70e8f50ff5700ec0ef5fb3a9f1c7b	29	33	55	56	52	37	38	34