

Table 8

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

File number in the dataset	engrat file hash values (128 byte)	engrat 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.	cb161608bfc087f68bf08169161606f89568f0b8	06fc78f06bf870f90cf6016816056f0f07f0165f	29	28	30	31	32	27	29	28
2.	bfc06f087bbf7b1616166f00bf079016f7fc980f	08c00f0858000c000b5fb16607f08168f516f685	29	29	34	35	36	29	27	24
3.	00fcf0f01600f0f0f600bf00f6165fcf5fcc066f	5f01616f91668f9f7f0070960f01607906916fc0	31	30	39	39	37	30	31	32
4.	fc16606f90b8160fc6fcf0916060f00f616f709f	cf9fbf0bbf8f90f08c5f7f89f0f580fc165f507f	28	27	28	29	34	30	26	26
5.	f0b16161605fcc6070fcfc5fb516880fb08160f0	b166655cb8b5bb0716b0f9f0f5586f000bbf6f6f	31	30	29	27	28	30	34	35
6.	6f07c161600f78f68f7f70cbf7ccf9168fc50095	f980c0f707f0806f616557f6f90f0716b5f7fbf0	32	31	39	41	42	34	35	36
7.	1668f99090169016165f0f50561677bf0f57bcbf	8f8f01677b16b0f0f007f6f00c8b90b168f86c6f	31	30	36	34	38	30	31	32
8.	bf6f0bf8f0f6870016f6600016c680558b57f086	6616f8901661695f01616b16c16f0f0b896bfc16	29	27	29	28	29	30	31	32
9.	f7cc8988c616fc16f00550c9968f5fbfcf85c05c	99f81616f60bcf8070fb9fbf0cfb6007f99fcf0f	34	30	37	38	39	30	31	32
10.	016f75f5cb0075616c9bf7fb5f7b9f0b1600b070	70f00fc9f0167f9f98007f77ccf5fc0f001616f0	31	31	29	27	28	30	31	32
11.	679b16f0857f97700f88f605f0f7cb570b966fb9	68616f8f016f016fc16fbf055b816f508f80816f	34	30	29	28	29	34	36	38
12.	b70000f87b66fc6bf0c51616007f0b0016cf0f79	6c160590056fc900c1607098f0f816016b166160	32	33	34	35	35	31	31	30
13.	160f06bb0f0f6808f8f0800f0f798670f80fcf90	50b0bf016f8908770c016816067f8f0f0fb7f90f	26	25	22	23	21	30	31	32
14.	1616f75f516f0cc0716f0f0fbc6f0f5fb700f7f6	0f0fb00f008fcf0fb6fb16160169906f6fbf8b0f	33	27	25	22	24	22	21	20
15.	c0bf0f60bf01616508160169cf6800f016bc9165	16167809f50bfcf0800f7f516166060c80f0016f	31	34	30	31	32	29	27	28
16.	cb1616716816f0f598fb6b165f016169f0f7fb8f	5758f5516000f016b0f0ff01687f5c0f7f09750f	31	38	40	41	42	30	31	32
17.	700f07fb5c00f7166cbf7f0f967f6b16016160f6	598616c16168f016900bf0b00f0f6716f6816f7f	31	30	37	36	36	29	30	30
18.	f90bf01650f7c816c806b00f0c88bf906fbf7f7f	0f716f050f05f10f5f5ff890816fc0168fbf000bf	30	34	29	30	30	27	28	29
19.	f016f08f0c6fc0166016bf5f98700f5f8f5b6f56	88008f060160f8b56f900c09b6f0fcb71600968f	31	39	34	36	35	28	29	30
20.	f09f91670c08160f98fb00506f7c161616f716fb	5957059c16f7168f50ff57016c16f5fb009f6c7b	29	27	31	34	35	27	27	28