

Table 4

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

File number in the dataset	dyre file hash values (20 byte)	dyre file hash values (512 byte)	Editorial distance	Percentage of malware samples calculated using <b>scdeep</b>	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.	b9b1d8b87140f977969c 90d716879d7416c14400	1f71ef10b18677064f17 400dc97e6970c1740ce7	32	36	39	40	41	55	59	57
2.	4f0771747c9486dc4fbf de870c078f4f00e901fb	081cdfef64fe001ededd fe678bd7efdc01b7cbd1	35	35	30	31	32	44	49	48
3.	d86c9ce1864f4f1dc4f7 6fcdd6d941dd4f891dd6	77840d76d1c1cbb0e841 1f91e1d9cd7cd948d7ed	34	37	30	31	32	49	51	53
4.	bd77fde181dc004dd181 bd7148e7d7ec71d944ae	784f9d70e7dfece4f81d 7dfc097d7d674fd9cdf6	31	30	30	31	32	49	55	58
5.	8eb1d1767e46f9d1c71b 41d4b1e761e8107491d8	edd74f74fd879d6d7bd1 19f4bc1761d910d74fdc	27	32	30	35	34	52	55	59
6.	dc990cd40fcd0d1bf0cd c178101eb107ece1f9f1	f7be9691d8f81cc7c1d7 cd4c19d1d4f1cf0d6e81	33	33	34	35	34	58	59	60
7.	b4f7df1d7081c776f98d c0494e9c1f7d1014ec6d	f7fd91d14bc61ed48dbd d17c1b9f9f4ff10fddbe	32	35	30	31	34	56	58	63
8.	91fe06fe6d67b19dd4db dc1d1de19c9c08410610	f7fd91d14bc61ed48dbd d17c1b9f9f4ff10fddbe	31	38	35	36	34	44	49	48
9.	4fd1c6d678d7bd1667e4 088d4e41ce1e98c0f44f	fdcd09b8de44df101b71 1e9c4d07cd64fcb19191	33	34	35	38	39	46	48	52
10.	d179b04e148168967844 f4714d1d61001ed4eb89	17ed64fe4ecb1fd47099 4c0d786417d1d1fdeee1	32	38	36	35	33	55	54	53
11.	9ded6dfd7c8dd0efb8 eb7474916bb64fd8bb1d	17ed64fe4ecb1fd47099 4c0d786417d1d1fdeee1	31	34	30	31	33	55	54	2
12.	e1c1cb9dccd79fddd9 c0dd9ed67efb84ef174b7	d4f6810c7eb4d161cf0d 814e771cd4ebe48098b1	35	36	34	35	36	49	48	47
13.	14794fc81c19ced14167 cd4f008b84194fe89f09	497e16d6dd7d7f0dfb88 4994c71b1e880187ed18	37	29	30	35	34	59	54	55
14.	dbfb0b8c0e781e8bed1 6106f918d894f1c4f0e19	c6ce019810e66c4d818f b7d4e1c474dd18d0eb91	33	23	29	27	28	34	38	41
15.	c94f176d18b71474d017 c78d4dbf4fe1b4f78740	7ed0cc0f4be8c767fec7 f0e4f71c197b1e601c91	37	34	39	34	38	44	49	48
16.	04b66940e08ec7edb0cd f19187e8169d0c7d6c09	ddb88e77cdcf190ff987 4fe1dbf8d7b617d71b0e	34	19	25	24	26	30	34	38
17.	67b4e769e160b994d776 914b40770c8bd9c719b0	fe976e049e1d9d77176b d07f1e1b87176bd4fddb	33	34	38	31	35	44	49	48
18.	c7cdec771874fc1f17b 0cbc8cef4dd94fcfe084	817c64f1dd0d171d8dd7 1e8817c6df4f0e7d0bd0	34	32	30	34	36	49	48	46
19.	4707fc70b4f04fcd0b1f 64ced7dd16d4f87d787d	18bc177d794978141d6f 1cc14f9170d99f44f9d7	34	28	30	31	32	47	47	46
20.	70bdc47d4fcb97d77f9 089d1e1ff17769d064fd4	818bd9edd794d6748816 864d46c146d9d910d8e7	34	31	32	34	34	46	44	48