

Table 2

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

File number in the dataset	mimikatz file hash values (20 byte)	mimikatz file hash values (80 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				
1.	0c0266790a989c46da65 349746bc530286bb46c5	925339909868812bbc56 04cd6e0e53b6c19b7b70	33	22	23	24	29	11	16	16
2.	bff48790fda87d95c0fa 15dc983d3c5644f18d6e	034f754e9bfe6a6b6d4d fd888739383e4cb0f9cf	35	24	27	29	33	17	19	20
3.	63a2f458472f7cb98c91 97377928bf2f3e20053a	5284844bf0bf1f3597d3 163c149bd9ed865aba62	34	19	20	23	28	12	14	16
4.	09804b25af798cadf54a 52aab646d4f8317601f2	68865c225d16ce44fd27 86be17dbd769884b3d73	36	17	26	24	29	16	18	23
5.	76a9d451618c77742d9b dd4a54700f67d6ed3df6	ff8f715bcaaae4f26b51 5f40c43ae3b13367cde6	35	11	13	15	19	7	9	12
6.	0cbee4c13287801714ee 1d7bcd707f6d1e6bf3d	80ae602cc556385fe103 1cae9c81dab30130cc8f	35	35	39	38	46	24	29	28
7.	5484bfb937452547197f 90f7c906c1e728958647	b94c3004181b7f5c6459 c2d32d7f44d144fe7690	37	25	29	31	35	221	23	27
8.	2c7f91e131bb327f44b8 603db84a2838d23a1d24	bee7a32a7154f5bcd75 8a5713a3fea29c5bdfaa	37	27	32	37	39	25	23	29
9.	afa29dac8f28f70cf653 19b67ee889eaaad10fe55	3a62f28ef0b38236b14d e5a84af7a467afd87d53	35	45	49	53	55	37	39	43
10.	5df3117e256c055448c2 bd145dd83290af39b1db	c35dec29d7bcc3970073 eb32a7577ae670263354	37	49	52	54	56	36	34	39
11.	ec1ac1c5eda638f49e8b d7f724e140c11c4d36c2	e00af4df3c7c54d41967 4b420714f2edac00e591	34	55	64	66	71	35	39	42
12.	81ff6a545eb03433ef54 13699d14af210d93a3a5	42bde933d062ef5ef0e3 d0cc73beb9dd956798a8	37	34	36	38	41	25	29	27
13.	ef7bea2ed7b9f442594d 488ae89dd692696ca317	5ef762b231b72c8869af 032dc8b85245462a0389	32	26	32	37	35	19	18	23
14.	535b1089d1d18b90d1c1 9879ef22623eba23c4a5	07ab1683fcc4dfb0548d 74e75d46f968a4ea5d93	34	67	72	76	79	38	41	40
15.	2e01267c83541740c7f8 68c4247dc65268fd740b	c56137a0cf6f55e0f8bc 60a3b214195e3c86c6c9	36	45	52	55	58	34	38	36
16.	9420ae602a619d862627 aec700b62c1ffd88bccb	582fc7d92b53f750c78d a9758266b6b304560a50	36	17	21	26	29	12	14	13
17.	78a21593210b149a2eff c0a039086ed9f9cceeefc	763c1adffe0eb0cd0cc1 e3961d614ca2f85fb50e	36	16	21	23	25	16	17	11
18.	a1864860c674a249c9ff 3dc959cd12963ffd9139	2c7e9e2277fa5eb0de3b 81c1ea3a08b0cee65f75	38	35	39	41	42	27	26	22
19.	dea2edfd0e2ff8724d60 c11d75c25a99d1678a3b	a0a0c4f039954fc736a0 37592d7b3b51e263c6a0	34	39	41	42	47	19	24	22
20.	6bc4a08f8bda1983e651 a5d0b64f1a068e79b788	1447b1f1e77e5f43a311 fe01c845253360bc87ca	35	54	62	64	61	32	38	44