

Table 4

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

File number in the dataset	mimikatz file hash values (20 byte)	mimikatz file hash values (512 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.	B9BE58B87140F922969C 905236829D2436C34400	EF73AFE0B3862206E112 400DC97A6920C1240CA2	36	10	4	2	9	8	19	39
2.	E1077E747C9486DCE1BF DA820C078FE300A901FB	081CDFAF631A003A5A5D FA678B52AF5C0EB2CBD3	36	13	6	8	7	16	27	42
3.	D86C9CA3861E333DC337 6FC5565943551389EDD6	72840526D3CECBBA084E EF91AED9C52CD94855D5	35	25	18	9	9	24	52	78
4.	BD72FDA18EDC004D5181 B57E48A757AC2ED94444	783E9520A25FACA4F815 2DFC092D7D67E359C5F6	35	28	21	22	24	8	10	12
5.	8AB1D3267A46F953C73B 4154B1A261A8E02493D8	AD523321E582956D7B51 E9F4BC3763D9305231DC	30	11	3	7	3	34	54	82
6.	DC990C540FC50DEBF0CD C178101AB107ACAEF9FE	F2BA969ED8F8ECC7CE57 C54C39DE5333CF0D6A8E	36	23	11	16	21	16	28	65
7.	B137DF3D2083C226F985 C049A9CEF753034AC6D	F7FD9ED34BC6EAD485BD 5E7C1B9F9F13F30FDDBA	34	13	10	9	12	16	27	46
8.	9EFA06FA6567BE9554DB 5C351DA39C9C084306E0	F7FD9ED34BC6EAD485BD 5E7C1B9F9F13F30FDDBA	33	21	15	15	17	31	46	79
9.	4F5EC65628D2BDE662A4 08854A41CAEA98C0F44F	F5CD09B85A44DF103B21 EA9C4D02C564FCB19191	35	64	32	30	42	38	37	48
10.	5329B04A348368967844 F421453563001AD4AB89	37A56E3A4ACBEF542099 4C0D7864125E53F5AAA3	36	22	8	11	16	27	48	61
11.	95A56DFDFD7C8550AFB8 AB2474916BB63E58BB15	37A56E3A4ACBEF542099 4C0D7864125E53F5AAA3	33	16	12	13	15	27	41	68
12.	AECCEB9DCCD29FD5DD9 C0559AD62AFB84AF374B2	51168E0C2AB45361CF05 834A721CD4ABA48098BE	34	19	11	12	18	36	49	73
13.	14791EC8EC19CA534367 C54F008B8439EEA89F09	497A16D6DD757F05FB88 4994C71BEA880E87AD18	35	11	18	29	25	37	49	68
14.	DBFB0B8C0A28EA8BADE 6306F9E8589EE1C310A39	C6CA0E98E0A66C45838F B254AEC474553850AB91	34	16	14	21	29	52	58	71
15.	C91E176518B7E42450E2 C28D45BF31A1B3178240	7AD0CC0F4BA8C767FAC7 F0A4F7EC192B3A60EC9E	36	18	16	19	28	29	43	68
16.	04B66940A08AC7ADB0CD F19382A8169D0C256C09	5DB88A72CDCFE90FF987 1EAE5BF8D2B617D73B0A	37	26	11	19	36	39	56	73
17.	67B4A269A360B994D776 9E4B40220C8B59C219B0	FA926A049A1D9D72126B D07F1A1B87326B5E355B	34	41	27	11	29	26	58	61
18.	C2CDACD22E871ECEF12B 0CBC8CAF4559EECF0A84	817C64FED50532E58DD2 1A8812C65FE10A250BD0	36	16	15	16	26	31	46	74
19.	4202FC70B1301EC50B1F 64CA525DE6D31825787D	38BC177D79492834356F 1CCE4F9120599F41E952	36	18	17	19	21	28	37	49
20.	20B5C47533CB97D72F9 0895EA1FFE27695063E54	818B59ADD29456248836 864D46C146D9D930D8A2	37	19	8	16	34	24	37	58