Table 7

The results of computing the value of mean shift between hashes of the obfuscated and
source code malware

File number in the dataset	Source code hash values	Obfuscated source code hash values	Percentage of malware samples computed using only convolutional neural networks			Percentage of malware samples computed using mean shift method in convolutional neural networks		
			Training epoch			Training epoch		
			I	II	III	I	II	III
1.	e811c6f062cf7efc2fb0 07f54e87f2ce0e1c6f78	0f76bc546ec8827c2fbf ce762508f542cece68fc	29	30	31	44	49	48
2.	7e082562508f0fc8bfe2 ece1854ce0e070654c06	ef6222fb54ce1ef02cec 27060bcf67bf2508154c	35	39	38	47	49	48
3.	0ec067fb7ece181c01c f8fec22bef2160e7e06c7	be08b761ce7250c6e66f 0fc16cbe607087c6c7ef	34	35	37	49	48	47
4.	8c70e010ecbf8fcfe60e b1ce027540bce754c068	fcec8c7bc0ce054e0fe0 c8ecb802c0c54bc54b6c	33	34	31	41	46	45
5.	ebece77e6e68fe01f251 c0fc870b708e054ffc06	871b0107ff6e0f725b6 befb7cb25e25c0cf0654e	37	39	39	49	51	52
6.	c0fec816fefecf854b8f 8e2e0c0f5425ef7b7eb0	ce2befe772ece6f2f825 befc0e7ece0f6e7218f1	30	31	34	52	53	54
7.	76e025540bb0611e6c0f 6ebfcbceffcb6e1e2cf1	88b277e16e6ce60f08fc cbb8c808c54e0c12ec0c	33	37	38	49	48	46
8.	0ecbe2c70f76ce8754cff 20e17fb8ce20817ebe1	5425258cebb2f25ce7bf 2f1c2541668eb10f8870	39	41	42	52	50	50
9.	ff256fe025be7fecef8c b0ef6bef06ce0cb25b0f	e6257e810e2f0f0e2e1 ce6c5408816c8e0e18e	37	39	36	42	44	46
10.	e02ff202f256c6f25f54 17f7610c01fe7cf08721	ff256fe025be7fecef8c b0ef6bef06ce0cb25b0f	39	38	39	42	44	46
11.	ce25f0ef10c1f8ec6b02 54f6fe6ec0625fc2cff8	f1625efbe0878ce1ef8f cfe06ec025c62521c207	37	38	38	42	41	41
12.	0e250f54fcbc06025c1c 0b6c8b54ce7f82fc1060	2e7fb7e27c10827ef2cf efcf7c6c802768ce8725	39	39	38	46	45	48
13.	bf2e0ecef1feb7be707c e0256722e60ce8cece01	e0fe8054fbfec54f7c80 662b0c266cfbb0e8c540	41	44	42	51	50	50
14.	ce6ebc7ce2b708f080ff f06f6ef25f25e2fe08c2	b2501e225cf7e7c54cfe1 1808e0546e66e6fcefb	37	39	39	44	46	45
15.	6e1bce2f8260cf01b6fe f7ec1252cecf8c5425b7	e625054854e88e022250 c0f0f2bbb25547ece1ce	42	49	48	52	54	52
16.	8bcfe8c225ec162067cb cec1227c0250e26fff67	0e71154ce2511876020 2cfcf66c7e20754f7fffe	39	42	44	56	58	57
17.	1e0ce1bb54e25ef0ece7 7c8c0feb1e02cf76efc8	1bcb54f252c5460e0b61 bf8fffe8e671f1bce6ce	49	43	45	52	54	55
18.	06c7c1bcf7542cf022ec cff8efc2ebfc28c0c066	c6e06c71e1cf5454e8e0 1c1b2fef17f6fcfbe7fc	49	45	48	52	54	55
19.	c2fbcbb20c125f117b25 ec1f25c6fce257b7ff8f	2fbe17fffe0efe8e025f 61c2725c7cbcb76fb07f	44	49	46	52	58	56
20.	7f060effc6f2088e2668 c706206ec06c1f7257e1	bfcec07cfe2bc54e6606 2067eb541fcecf07ff2c	45	42	42	52	54	59