Table 5

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.	b6efb93897f6b2ec33eb e63fc3f3f9fc9f6fbfef	cf973ee7f7e3ee6f9bfe 7cbfbfc979fefb3eef97	31	34	35	55	57	59
2.	efbfcf7f99cb97f7ef9 fc9f38f3f387693e69e3f	cfcbf9e3ee93f6ef2e96 c63ef6c3e6f9f993ec38	31	36	35	61	63	64
3.	15236c7fbf93eec3eb3e 6fcefe3ee6f9fcef7c7f	9cbcf04f79f9ec9f9f6f f2383f9fe3e9933ee9fe	34	39	38	62	66	64
4.	74cfecf38ec7fece3eeb fcb2ece3f3f938cfefcf	cf7c63fe3e3e938fc3ee fe2efec63fe3e383eb3e	31	30	32	55	57	58
5.	67bf3869e96fb993e046 9efb3e38f2ebf9cef9bf	fe9e6e3e9e3e9f7efe6b 3e73eefbc79e6bfe93fb	34	36	38	51	53	54
6.	3eb6693eefcec7efbfcf 3e99c38cf693ecef6cf9	3eb2387ecfcfe9f3f9c7 f38efbfcfeb6f7f79bfe	30	31	32	52	54	52
7.	c9fef763ecb7efe33e38 cecf3fbf9fefb9f7ce3e	7e3e2ef3fbe2e767fec7 3ee3f7ecf9eb9e6fec9e	29	31	34	54	58	59
8.	0bfbf07f638f09cbefe 69f6f9ecfc938fc93ee99	c6cefe9cefe66c3fc9cf be3f38cf733e9c3eeb9f	30	34	35	52	54	56
9.	3e79fe238cf9cef9f967 c33e3ecbcf9938ec93e9	f97ef6f63e7f73e3fb2e f99fc7fb382efec7e3ec	30	34	36	55	56	57
10.	38cecb9f2efe93e3ef9 cf3f9ef638fbcfef97fbe	3ef6cefc38b3f96fc3ef c9fe7efc3eebefcf9cbe	31	35	36	57	59	58
11.	9fef63e3ef72e33eefbc ebef7f9f6bb69efcbb3e	97ef6e9efecbe33eef99 fc3e7c63eefef93f38e9	30	34	35	57	59	61
12.	f9e9b3ee9fc96c967c3f 3fef3f9f693efe3eebc9	97ef6e9efecbe33eef99 fc3e7c63eefef93f38e9	34	35	36	56	54	58
13.	33eec6f6ecfebfe6638f f2e3fe3ec38e92ef3f3f	3fc3e9bcfe33e3ef9bef 389c3efecf63fcbf9f9f	30	34	36	57	58	61
14.	9efef6fe6f67be933efb fc93efe99c9cfcf9f6ef	f73e9ef9fbc6383ecfbf fe7cfb9f93e9f93e3ebe	34	36	37	61	62	63
15.	bf973e9fefc9c386f9cf c3e9fe9cef7f9f9fec6f	f73e9ef9fbc6383ecfbf fe7cfb9f93e9f93e3ebe	31	35	37	55	59	57
16.	fc99fc33efc3efeb3ecf cf7c3efeb3e7ec38f9fe	febe969efcfce2e7cef7 c3fc99fef999c3ef6ece	34	35	36	55	57	59
17.	ceb3e9e67ef6f9f9c79b 3e3fbf386fecefef99fc	e3ee99efefce9f6f7b3e e93fbc9769f993ee93ec	34	36	38	59	57	58
18.	bf7e3eefcefc3e3e3ecf bf7efce7f7ec38f93f3f	7c9e9fef383fece3fc3e e3ecf9ef7f67e9f9c3f6	30	35	36	61	63	62
19.	fc6c9ce9c6fe999fc997 6fc3f6f9f933e9c9e3e6	7ec3efe6f9cecbbefcfe ef9f38f9cfecf9fc33ef	52	56	57	72	74	79
20.	e3e04e7f7c9fc6fcefbf fecefcf7cfe93ee93efb	fcfc3eef69fe3e9efe3e fe67cbf383fcfebecbf9	31	35	36	52	51	48