Classification error (%) on the first 1000 test samples

		mnist			fashion_mnist		
		original	attacked		original	attacked	
			scenario 1	scenario 2		scenario 1	scenario 2
UNENCRYPTED	CW l_2	0.97	100		8.66	100	
	CW l_0		100			100	
	CW l_∞		100			100	
	FGSM	1.5	82.94		10.62	94.25	
PERMUTATED	CW l_2	3.63	100	4.5	12.4	100	12.7
	CW l_0		100	7.3		100	
	CW l_∞		100			100	
	FGSM	3.02	89.14		12.04	91.82	
ECB	CW l_2 encrypt v1	16.58			55.66	irrelevant	irrelevant
	CW l_2 encrypt v2	18.11			41.97		
	FGSM encrypt v1	20.88			59.23		
	FGSM encrypt v2	19.95			46.25		
CBC	CW l_2 encrypt v1	64.07	irrelevant	irrelevant	72.12	irrelevant	irrelevant
	CW l_2 encrypt v2	69.12			64.47		
	FGSM encrypt v1	88.65			90		
	FGSM encrypt v2	88.65			90		
CTR	CW l_2 encrypt v1	88.65	irrelevant	irrelevant	90	irrelevant	irrelevant
	CW l_2 encrypt v2	88.65			90		
	FGSM encrypt v1	88.65			90		
	FGSM encrypt v2	88.65			90		

scenario 1 : the attacker gets the model he's trying to attack, i.e. he knows the permutation
scenario 2: the attacker gets the model he's trying to attack, i.e. he knows the permutation

accuracies of permutation on different image sizes
(padding done with 0's around the original)

	image size	error rate	min/epoch
mnist	28x28	3.63	4
	40x40	2.65	5
	60x60	2.69	12
	100x100	2.3	14
fashion_mnist	28x28	12.4	
	40x40	12.07	13
	60x60		
	100x100		