MSE for different combinations of  $\lambda$  and  $\eta$  with activation relu and 10 epochs

$7.5 \times 10^{-2}$	0.385	0.615	0.385	0.385	0.385	0.385	0.615	0.615	0.615	0.615	-0.6
$5 \times 10^{-2}$	0.385	0.615	0.615	0.385	0.385	0.385	0.615	0.385	0.615	0.615	-0.5
$2.5 \times 10^{-2}$	- 0.385	0.385	0.028	0.385	0.615	0.615	0.385	0.028	0.615	0.035	-0.4
	0.035	0.035	0.042	0.021	0.042	0.035	0.021	0.028	0.021	0.035	
$7.5 \times 10^{-3}$	0.028	0.042	0.021	0.028	0.035	0.021	0.049	0.049	0.035	0.028	-0.3
$5 \times 10^{-3}$	0.049	0.035	0.035	0.042	0.028	0.049	0.049	0.028	0.028	0.042	-0.2
$2.5 \times 10^{-3}$	0.028	0.042	0.049	0.035	0.035	0.035	0.035	0.042	0.049	0.049	-0.1
$10^{-3}$						0.063		0.049		0.049	0.1
	$10^{-15}$	$10^{-14}$	$10^{-13}$	$10^{-12}$	10 -11	10-10	$10^{-9}$	$10^{-8}$	$10^{-7}$	$10^{-6}$	