CIFAR Corrupted vs Uncorrupted Report

LN Pandey

 $10 \ {\rm September} \ 2019$

corruption level	Train accuracy on corrupted train-data			Test accuracy on corrupted test data			Test accuracy on true data
	corrupted	un-corrupted	full	corrupted	un-corrupted	full	
0%	-NIL-	-NIL-	0.95442	-NIL-	-NIL-	0.8662	0.8662
10%	0.55124654	0.9000356	0.86478	0.10766246	0.77645222	0.7075	0.7768
20%	0.46677939	0.84376408	0.76796	0.09653827	0.68297899	0.5627	0.6795
30%	0.41067625	0.78656793	0.67362	0.10491368	0.60975959	0.4577	0.6098
40%	0.37560072	0.70580203	0.57388	0.10441362	0.52858326	0.3604	0.5246
50%	0.33182546	0.60291767	0.46748	0.10548608	0.4194764	0.2638	0.4155
corruption level	Train cross	entropy loss on	train-data	Test cross en	ntropy loss on tr	rain-data	Test CE loss on true data
corruption level	Train cross corrupted	entropy loss on un-corrupted	train-data full	Test cross en	ntropy loss on trun-corrupted	rain-data full	Test CE loss on true data
corruption level 0%		10			10		Test CE loss on true data 0.4980646
•	corrupted	un-corrupted	full	corrupted	un-corrupted	full	
0%	corrupted	un-corrupted -NIL-	full 0.1290446	corrupted -NIL-	un-corrupted -NIL-	full 0.4980646	0.4980646
0% 10%	corrupted -NIL- 1.5854	un-corrupted -NIL- 0.3017	full 0.1290446 0.4314	corrupted -NIL- 8.2784	un-corrupted -NIL- 0.8746	full 0.4980646 1.6379	0.4980646 0.8775254
0% 10% 20%	corrupted -NIL- 1.5854 2.0046	un-corrupted -NIL- 0.3017 0.4785	full 0.1290446 0.4314 0.7854	corrupted -NIL- 8.2784 7.1067	un-corrupted -NIL- 0.8746 1.2291	full 0.4980646 1.6379 2.4346	0.4980646 0.8775254 1.2508350