

epsilon	psnr_avg	mse_avg	ssim_avg	acc_last
0.100	6. 9653	2. 1550	0. 0244	0. 6934
0.300	6. 9913	2. 1351	0. 0232	0.7788
0.500	6. 9722	2. 1387	0.0232	0.8142
0. 700	6. 9978	2. 1251	0. 0223	0.8350

epsilon	psnr_avg	mse_avg	ssim_avg	acc_last
0. 100	8. 2536	1. 5962	0.0357	0.1184
0.300	8. 3722	1.5530	0.0315	0.1000
0. 500	8. 3218	1.5742	0.0361	0.2886
0.700	8. 3778	1. 5569	0.0435	0.6496
0.900	9. 1583	1. 3444	0.0721	0, 9280

Client K

## DP实验结果

Client 1

fedNFL实验结果

epsilon	psnr_avg	mse_avg	ssim_avg	acc_last	opt_norm
0.1	6. 5772	2. 3277	0.0257	0. 5822	880. 9735
0.300	6. 9328	2. 1455	0.0254	0.3710	805. 9788
0. 500	6. 6960	2. 2699	0.0232	0.6602	730.9810
0.700	6. 5990	2. 3188	0.0229	0.6146	656.0013
0.900	6. 7939	2. 2179	0.0249	0. 5902	580.9962

fedBARRE实验结果

Client k

准确率比不过DP,

epsilon	psnr_avg	mse_avg	ssim_avg	acc_last	opt_norm
0. 100	6. 5499	2. 3493	0. 0208	0. 9110	881. 3396
0. 300	6. 6749	2. 2737	0.0188	0. 9090	806. 3496
0. 500	6. 7115	2. 2621	0. 0229	0. 9102	731. 3341
0.700	6. 5829	2. 3223	0.0221	0. 9088	656. 3340
0.800	6. 6852	2. 2704	0. 0233	0. 9236	618. 8274
0. 900	6. 7781	2. 2218	0. 0233	0. 9112	581. 3536

可以实现很好的隐私保护能力,保持很好的性能。只是训练时间很长,DP的10倍,fednfl的5倍