Table 1: SSL Comparison: cifar: Average (standard deviation) classification accuracy over 100 trials.

# Labels	10	20	30	40	50
Laplace Learning	10.5 (1.3)	10.8 (1.7)	11.2 (2.1)	12.6 (3.4)	14.1 (4.9)
Poisson Learning	39.6(5.6)	45.1(5.0)	48.6(3.4)	51.0(3.1)	52.6(2.7)
P-EIKONAL (P= $1.00$ , ALPHA= $0.00$ )	28.1(6.0)	33.4(6.0)	37.2(5.7)	40.3(5.4)	42.3(4.7)
P-EIKONAL (P= $1.00$ , ALPHA= $0.00$ )+CP	40.9(5.3)	46.6 (5.2)	49.7(3.8)	51.8 (3.9)	52.3(3.7)
P-EIKONAL (P= $1.00$ , ALPHA= $1.00$ )	26.8(6.1)	32.0(6.4)	35.6(6.2)	38.3 (5.8)	40.5(4.8)
p-eikonal (p=1.00, alpha=1.00)+ $\mathrm{CP}$	40.6(5.4)	46.1 (5.4)	49.3(3.8)	51.3(4.0)	51.7(3.7)
P-EIKONAL (P= $1.00$ , ALPHA= $2.00$ )	25.3(6.1)	30.4(6.8)	33.8(6.4)	36.1 (6.2)	38.2 (4.9)
p-eikonal (p=1.00, alpha=2.00)+ $\mathrm{CP}$	40.3(5.4)	45.5(5.4)	48.7(3.8)	50.6(4.1)	51.0(3.9)
P-EIKONAL (P= $1.00$ , ALPHA= $3.00$ )	23.7(6.2)	28.5 (7.1)	31.7(6.5)	33.7(6.4)	35.8(5.2)
p-eikonal (p=1.00, alpha= $3.00$ )+CP	39.8 (5.4)	44.8 (5.5)	48.0(3.8)	49.8 (4.3)	50.2(4.1)
Graph NN (alpha=0.00)	29.5(4.2)	33.0(3.6)	34.7(2.8)	36.1(2.4)	37.1(2.3)
Graph NN (alpha= $0.00)+CP$	30.3(4.1)	33.5(3.6)	35.0(2.8)	36.3(2.3)	37.2(2.3)
Graph NN (alpha=1.00)	30.6(4.2)	34.5(3.7)	36.5(2.9)	$38.1\ (2.5)$	39.1(2.2)
Graph NN (alpha= $1.00)+CP$	30.9(4.2)	34.4 (3.8)	36.5(2.9)	37.9(2.5)	38.8(2.3)
Graph NN (alpha= $2.00$ )	30.8(4.2)	34.7(3.8)	36.8(2.9)	38.4(2.5)	39.4(2.2)
Graph NN (alpha= $2.00)+CP$	31.2(4.3)	34.9(3.9)	37.0(3.0)	38.4(2.5)	39.3(2.2)
Graph NN (alpha=3.00)	30.7(4.3)	34.6 (3.8)	36.8(2.9)	38.4(2.6)	39.4(2.2)
Graph NN (alpha=3.00)+CP	31.5 (4.4)	35.1 (4.1)	37.3(3.0)	38.6 (2.6)	39.5 (2.2)