

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

# LABELS	10	20	30	40	50
LAPLACE LEARNING	17.7 (7.0)	32.0 (12.7)	53.0 (13.5)	68.5 (11.5)	78.4 (9.3)
POISSON LEARNING	93.1 (4.0)	95.4 (1.2)	96.0 (0.7)	96.2 (0.5)	96.4 (0.3)
P-EIKONAL (P=1.00, ALPHA=0.00)	81.2 (5.1)	87.9 (2.8)	90.2 (2.3)	91.7 (1.5)	92.6 (1.4)
P-EIKONAL (P=1.00, ALPHA=0.00)+CP	85.1 (5.0)	90.0 (2.3)	91.6 (1.9)	92.8 (1.4)	93.4 (1.2)
P-EIKONAL (P=1.00, ALPHA=1.00)	79.3 (5.3)	87.6 (3.4)	90.4 (2.5)	92.1 (1.5)	93.0 (1.4)
P-EIKONAL (P=1.00, ALPHA=1.00)+CP	89.6 (4.4)	92.8 (1.7)	93.9 (1.4)	94.7 (1.0)	95.0 (1.0)
P-EIKONAL (P=1.00, ALPHA=2.00)	66.7 (6.8)	79.6 (5.3)	85.2 (4.0)	88.2 (2.7)	90.2 (2.2)
P-EIKONAL (P=1.00, ALPHA=2.00)+CP	91.9 (4.2)	94.0 (1.7)	94.7 (1.5)	95.4 (1.0)	95.5 (0.9)
P-EIKONAL (P=1.00, ALPHA=3.00)	56.3 (8.1)	71.1 (6.8)	79.4 (5.3)	83.8 (3.6)	86.8 (3.1)
P-EIKONAL (P=1.00, ALPHA=3.00)+CP	92.7 (4.0)	94.2 (2.3)	94.9 (1.9)	95.5 (1.1)	95.7 (0.9)
GRAPH NN (ALPHA=0.00)	57.4 (5.4)	66.6 (3.5)	70.6 (2.8)	73.6 (2.8)	75.3 (2.6)
GRAPH NN (ALPHA=0.00)+CP	60.0 (5.4)	68.9 (3.7)	72.4 (3.0)	75.3 (2.7)	76.8 (2.6)
GRAPH NN (ALPHA=1.00)	62.8 (5.4)	72.5 (3.5)	75.9 (3.1)	79.1 (2.3)	80.5 (2.2)
GRAPH NN (ALPHA=1.00)+CP	68.9 (5.8)	77.3 (3.7)	80.1 (3.1)	82.8 (2.4)	83.7 (2.3)
GRAPH NN (ALPHA=2.00)	52.5 (6.8)	63.2 (5.1)	67.9 (4.2)	71.8 (2.7)	74.2 (2.6)
GRAPH NN (ALPHA=2.00)+CP	76.5 (6.0)	82.8 (3.6)	84.8 (3.1)	86.7 (2.2)	87.3 (2.0)
GRAPH NN (ALPHA=3.00)	41.0 (7.6)	52.9 (5.8)	58.6 (5.1)	63.4 (3.4)	66.8 (3.5)
GRAPH NN (ALPHA=3.00)+CP	81.0 (5.7)	85.6 (3.5)	87.2 (2.7)	88.5 (2.0)	88.9 (1.8)