

Table 1: SSL Comparison: mnist: Average (standard deviation) classification accuracy over 12 trials.

# LABELS	10	20	30	40	50
LAPLACE LEARNING	17.3 (9.0)	36.5 (10.4)	56.4 (12.3)	60.9 (12.8)	75.4 (8.8)
POISSON LEARNING	93.3 (2.5)	96.0 (0.5)	96.1 (0.3)	96.3 (0.2)	96.5 (0.2)
P-EIKONAL (P=1.00, ALPHA=0.00)	82.5 (3.9)	88.8 (2.6)	90.7 (1.9)	90.9 (1.5)	92.8 (1.2)
P-EIKONAL (P=1.00, ALPHA=0.00)+CP	86.1 (3.7)	90.4 (2.1)	91.8 (2.0)	92.0 (1.7)	93.9 (0.8)
P-EIKONAL (P=1.00, ALPHA=1.00)	78.7 (4.8)	88.1 (2.3)	90.3 (2.5)	91.4 (2.2)	92.7 (1.4)
P-EIKONAL (P=1.00, ALPHA=1.00)+CP	90.4 (3.1)	93.3 (1.4)	94.0 (1.6)	94.2 (1.8)	95.2 (0.6)
P-EIKONAL (P=1.00, ALPHA=2.00)	63.8 (7.3)	79.8 (4.6)	83.8 (4.1)	87.2 (3.5)	89.5 (2.1)
P-EIKONAL (P=1.00, ALPHA=2.00)+CP	92.5 (2.9)	94.1 (2.0)	94.8 (1.6)	94.9 (2.3)	95.7 (0.5)
P-EIKONAL (P=1.00, ALPHA=3.00)	53.6 (8.1)	71.1 (6.9)	77.0 (5.8)	82.4 (3.9)	85.9 (2.7)
P-EIKONAL (P=1.00, ALPHA=3.00)+CP	92.7 (3.7)	93.9 (2.6)	95.0 (1.7)	95.1 (2.6)	95.7 (0.5)
GRAPH NN (ALPHA=0.00)	56.7 (6.3)	66.9 (4.5)	71.4 (3.3)	72.5 (2.7)	75.4 (1.8)
GRAPH NN (ALPHA=0.00)+CP	59.8 (6.0)	69.4 (4.6)	73.2 (3.7)	74.0 (2.6)	77.0 (1.9)
GRAPH NN (ALPHA=1.00)	63.0 (6.2)	72.9 (3.9)	76.4 (3.1)	77.9 (2.6)	80.2 (1.3)
GRAPH NN (ALPHA=1.00)+CP	69.0 (6.5)	77.4 (3.8)	81.3 (2.7)	81.9 (2.5)	83.8 (1.6)
GRAPH NN (ALPHA=2.00)	50.8 (7.1)	63.0 (5.1)	67.0 (3.7)	70.5 (2.9)	74.1 (1.4)
GRAPH NN (ALPHA=2.00)+CP	76.1 (6.7)	82.4 (3.8)	85.8 (2.1)	86.2 (2.2)	87.5 (1.3)
GRAPH NN (ALPHA=3.00)	39.1 (8.8)	52.5 (6.0)	57.1 (4.2)	61.5 (3.6)	66.8 (2.4)
GRAPH NN (ALPHA=3.00)+CP	79.8 (7.0)	84.8 (3.9)	88.1 (1.6)	88.4 (1.5)	89.2 (1.3)