

Methods					
Label Propagation Methods	ReMixMatch [berthelot2020remixmatch]	94.86±0.04	97.17±0.30	–	–
Label Propagation Methods	EnAET [wang2019enaet]	94.65	97.08	–	–
Label Propagation Methods	FixMatch [fixmatch]	95.74±0.05	97.72±0.38	71.5	89.1
Label Propagation Methods	UDA* [uda]	94.53±0.18	97.11±0.17	68.07	88.19
Self-Supervised Methods	SimCLR [simclr, simclr_v2]	–	–	71.7	90.4
Self-Supervised Methods	MOCOv2 [moco_v2]	–	–	71.1	–
Self-Supervised Methods	PCL [li2020prototypical]	–	–	–	85.6
Self-Supervised Methods	PIRL [misra2020self]	–	–	–	84.9
Self-Supervised Methods	BYOL [grill2020bootstrap]	–	–	68.8	89.0
Meta Pseudo Labels		96.11 ± 0.07	98.01 ± 0.07	73.89	91.38
Supervised Learning with full dataset*		94.92±0.17	97.41±0.16	76.89	93.27

Table 3: Top-1 and Top-5 accuracy of Meta Pseudo Labels and other representative supervised and semi-supervised methods on ImageNet with ResNet-50.

Method	Unlabeled	Accuracy
Method	Images	(top-1/top-5)
Supervised [res_net]	None	76.9/93.3
AutoAugment [auto_augment]	None	77.6/93.8
DropBlock [drop_block]	None	78.4/94.2
FixRes [train_test_resolution]	None	79.1/94.6
FixRes+CutMix [cut_mix]	None	79.8/94.9

Value	Metric	Model name	Dataset	Task
96.11	Accuracy	Meta Pseudo Labels	CIFAR-10, 4000 Labels	Semi-Supervised Image Clas
98.01	Accuracy	Meta Pseudo Labels	SVHN, 1000 labels	Semi-Supervised Image Clas
73.89%	Top 1 Accuracy	Meta Pseudo Labels (ResNet-50)	ImageNet - 10% labeled data	Semi-Supervised Image Clas
91.38%	Top 5 Accuracy	Meta Pseudo Labels (ResNet-50)	ImageNet - 10% labeled data	Semi-Supervised Image Clas