

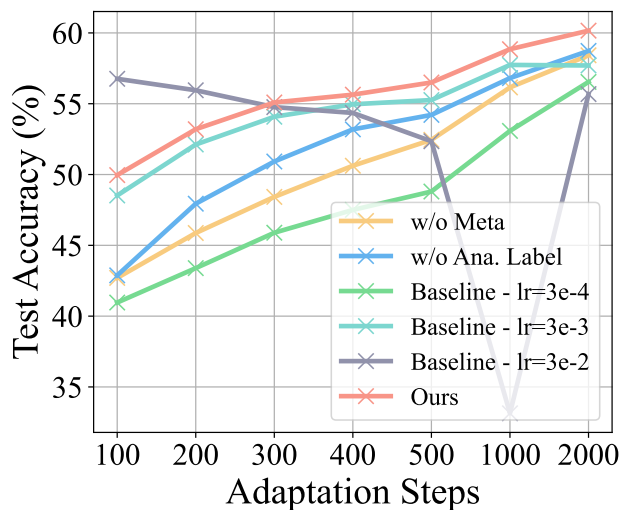


Figure 1. Comparisons with the baseline FRePo using different learning rates. (Reviewer pTHr)

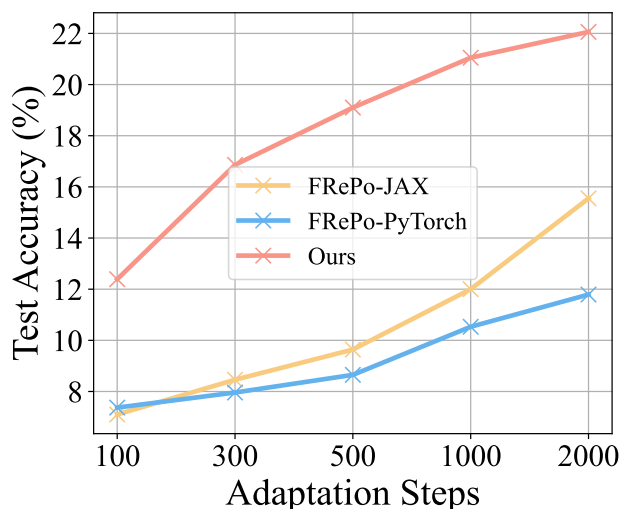


Figure 2. Difference between JAX and PyTorch implementations of the baseline FRePo. (Reviewer CHTg)

Dataset	IPC	Method	Time (s)	Steps	Acc. (%)
CIFAR 100	1	FRePo	48	2000	34.62
		Ours	42	1000	42.64
CIFAR 10	1	FRePo	63	2000	15.55
		Ours	56	1000	21.05
	10	FRePo	67	2000	56.22
		Ours	63	1000	58.85

Table 1. Comparisons with the baseline FRePo using running time as the metric. (Reviewer CHTg)

Dataset	IPC	Method	1k-Step (%)	2k-Step (%)
P	1	FRePo	53.54±0.99	55.80±1.16
		w/o Meta	51.74±1.71	57.37±1.38
		Ours	57.31±1.41	60.18±1.99
	10	FRePo	76.33±0.31	77.59±0.41
		w/o Meta	77.28±0.44	78.24±0.42
		Ours	79.40±0.29	80.78±1.05
A	1	FRePo	33.53±3.19	40.87±1.47
		w/o Meta	40.29±0.68	42.15±0.89
		Ours	41.18±0.48	42.50±0.09
	10	FRePo	47.20±1.61	51.18±2.31
		w/o Meta	54.57±0.75	55.52±0.63
		Ours	56.18±0.34	56.82±0.51
C	1	FRePo	51.69±1.25	56.40±2.57
		w/o Meta	60.45±0.32	62.84±1.19
		Ours	60.81±1.02	63.96±0.80
	10	FRePo	70.92±1.02	72.36±0.44
		w/o Meta	72.81±0.10	74.89±0.23
		Ours	74.49±0.35	76.12±0.63
S	1	FRePo	39.76±1.74	44.26±0.52
		w/o Meta	35.87±0.07	41.47±1.05
		Ours	43.98±0.55	46.47±0.96
	10	FRePo	63.26±1.26	67.68±0.86
		w/o Meta	69.11±0.17	71.09±0.63
		Ours	70.63±0.33	72.11±0.48
P+A+C+S	1	FRePo	38.03±0.60	38.53±0.80
		w/o Meta	42.73±0.25	43.89±0.62
		Ours	43.46±0.89	44.92±0.48
	10	FRePo	59.54±0.34	59.86±0.21
		w/o Meta	58.33±0.37	60.69±0.33
		Ours	61.41±0.13	62.23±0.15
Path MNIST	1	FRePo	54.23±3.12	54.70±1.07
		w/o Meta	57.06±1.36	58.33±1.76
		Ours	57.60±1.19	59.06±1.02
	10	FRePo	76.18±0.87	76.96±0.70
		w/o Meta	75.00±0.74	77.06±0.18
		Ours	76.21±0.10	77.44±0.11
Blood MNIST	1	FRePo	68.38±0.55	68.55±1.39
		w/o Meta	69.14±1.86	71.28±1.61
		Ours	70.83±0.81	72.72±0.90
	10	FRePo	80.09±0.82	81.73±0.37
		w/o Meta	79.26±0.17	81.71±0.37
		Ours	80.20±0.41	82.31±0.45
PathBlood MNIST	1	FRePo	55.11±1.26	60.62±1.14
		w/o Meta	58.03±0.51	60.72±0.17
		Ours	59.86±0.66	62.22±0.27
	10	FRePo	74.46±0.91	75.01±0.51
		w/o Meta	74.45±0.39	75.26±0.07
		Ours	75.78±0.69	76.32±0.14
CUB200	1	FRePo	4.84±0.19	5.65±0.26
		w/o Meta	6.73±0.13	7.25±0.09
		Ours	7.40±0.20	7.68±0.18
	10	FRePo	10.33±0.64	11.25±0.51
		w/o Meta	13.69±0.09	13.83±0.24
		Ours	13.98±0.09	14.69±0.37

Table 2. Evaluations on more benchmarks. (Reviewer pTHr)