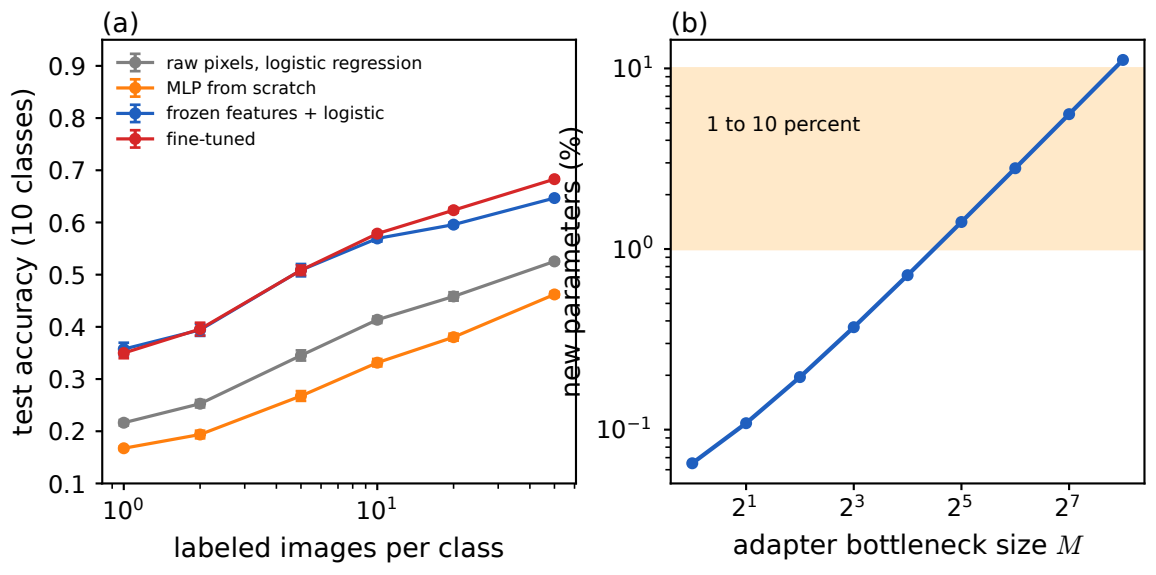

(a)
raw pixels, logistic regression
MLP from scratch
frozen features + logistic
fine-tuned
test accuracy (10 classes)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
10^0
10^1
labeled images per class
new parameters (%)
(b)
1 to 10 percent
10^1
10^0
10^{-1}
2^1
2^3
2^5
2^7
adapter bottleneck size M