Label shift Long tail Step **a** 1.0 1.0 $\begin{array}{c} \text{reweighted} \\ \text{?} \\ 0 \end{array}$ 0.5 Final 0.0 0.0 CIFAR10 (long tail, 10:1) CIFAR10 (long tail, 100:1) CIFAR10 (step, 100:1) CIFAR10 (step, 10:1) Dataset Dataset

Reweighted

Undersampled

Resampled

ERM