CS547 HW4

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The test accuracy for ResNet on CIFAR100, Tiny ImageNet, CIFAR100 with pretraining, and CIFAR100 trained by distributed SGD is 64.2%, 51.9%, 75.1%, and 65.3%, respectively. The learning curves are shown below where the horizontal axis represents the number of epochs while the vertical axis represents the accuracy.
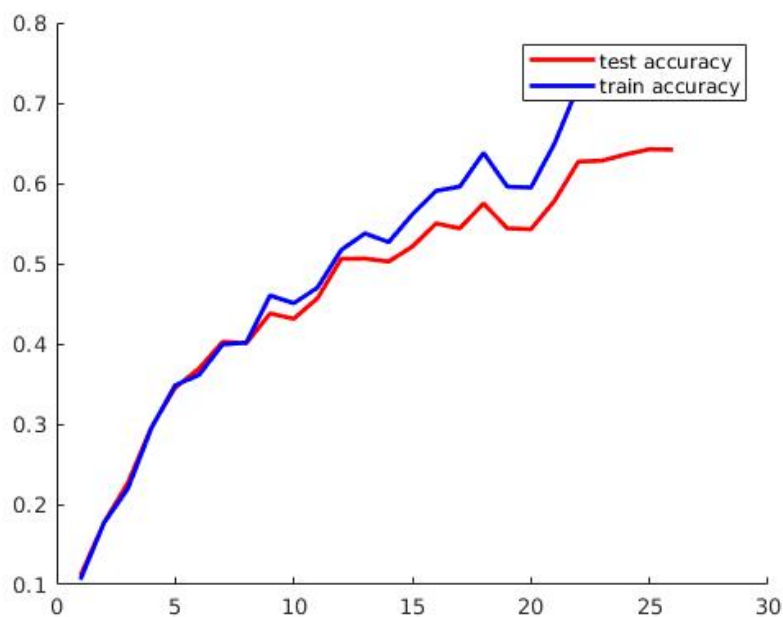
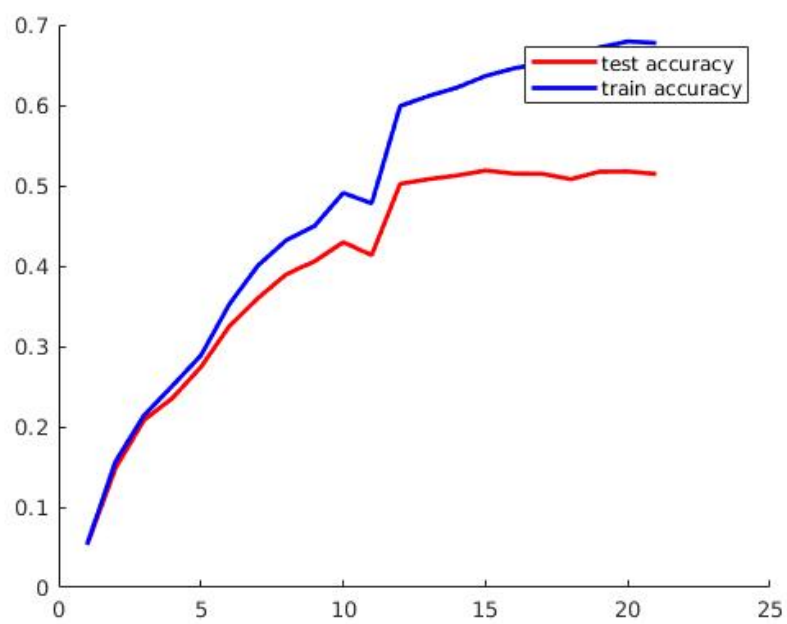

Figure 1: Learning curve for ResNet on CIFAR100

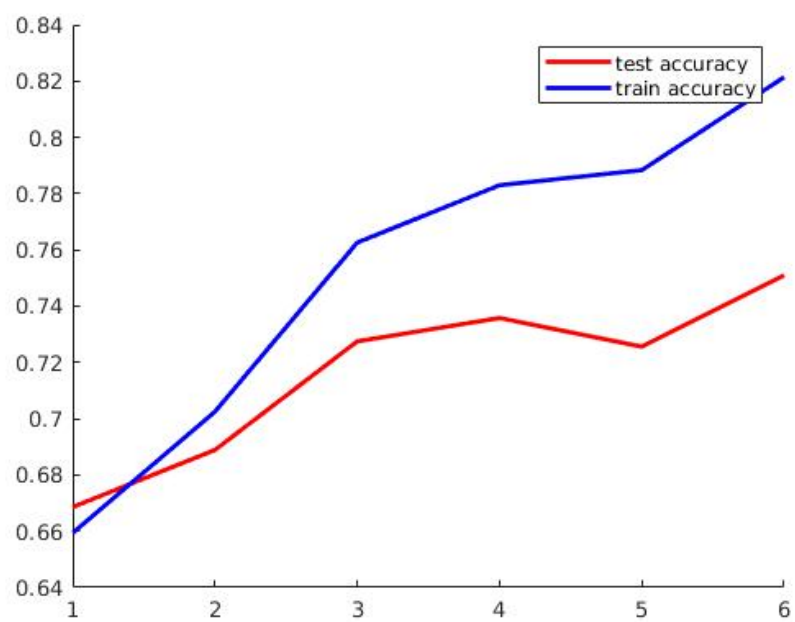Figure 2: Learning curve for ResNet on Tiny ImageNet

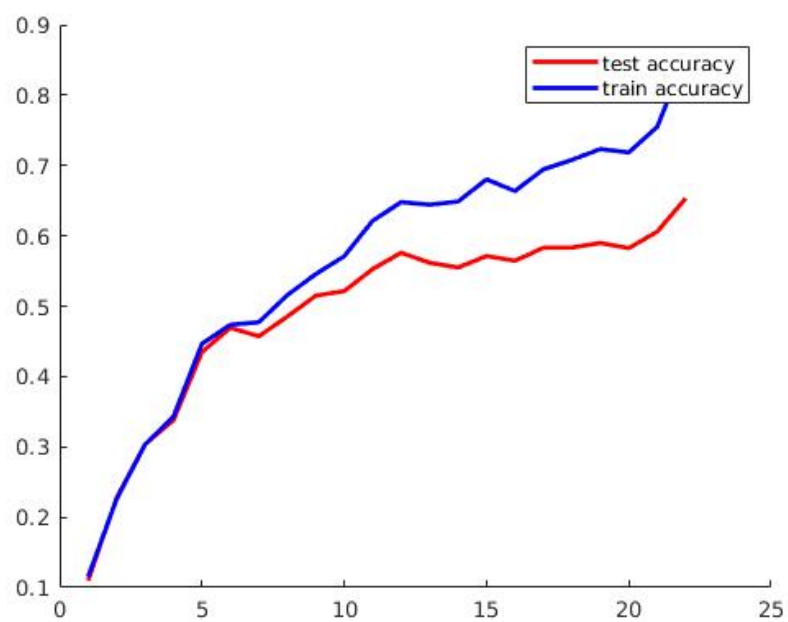Figure 3: Learning curve for pretrained ResNet on CIFAR100

Figure 4: Learning curve for ResNet trained with distributed SGD on CIFAR100