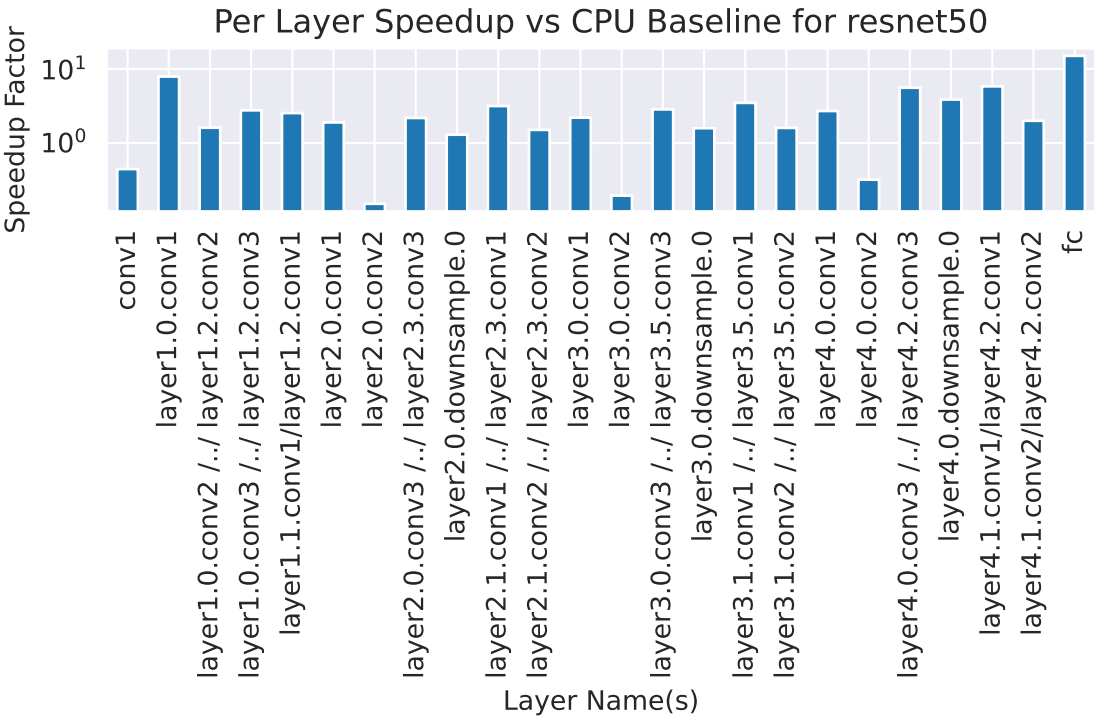
Per Layer Speedup vs CPU Baseline for resnet50
Speedup Factor
10^1
10^0
conv1
layer1.0.conv1
layer1.0.conv2 /../ layer1.2.conv2
layer1.0.conv3 /../ layer1.2.conv3
layer1.1.conv1/layer1.2.conv1
layer2.0.conv1
layer2.0.conv2
layer2.0.conv3 /../ layer2.3.conv3
layer2.0.downsample.0
layer2.1.conv1 /../ layer2.3.conv1
layer2.1.conv2 /../ layer2.3.conv2
layer3.0.conv1
layer3.0.conv2
layer3.0.conv3 /../ layer3.5.conv3
layer3.0.downsample.0
layer3.1.conv1 /../ layer3.5.conv1
layer3.1.conv2 /../ layer3.5.conv2
layer4.0.conv1
layer4.0.conv2
layer4.0.conv3 /../ layer4.2.conv3
layer4.0.downsample.0
layer4.1.conv1/layer4.2.conv1
layer4.1.conv2/layer4.2.conv2
fc
Layer Name(s)