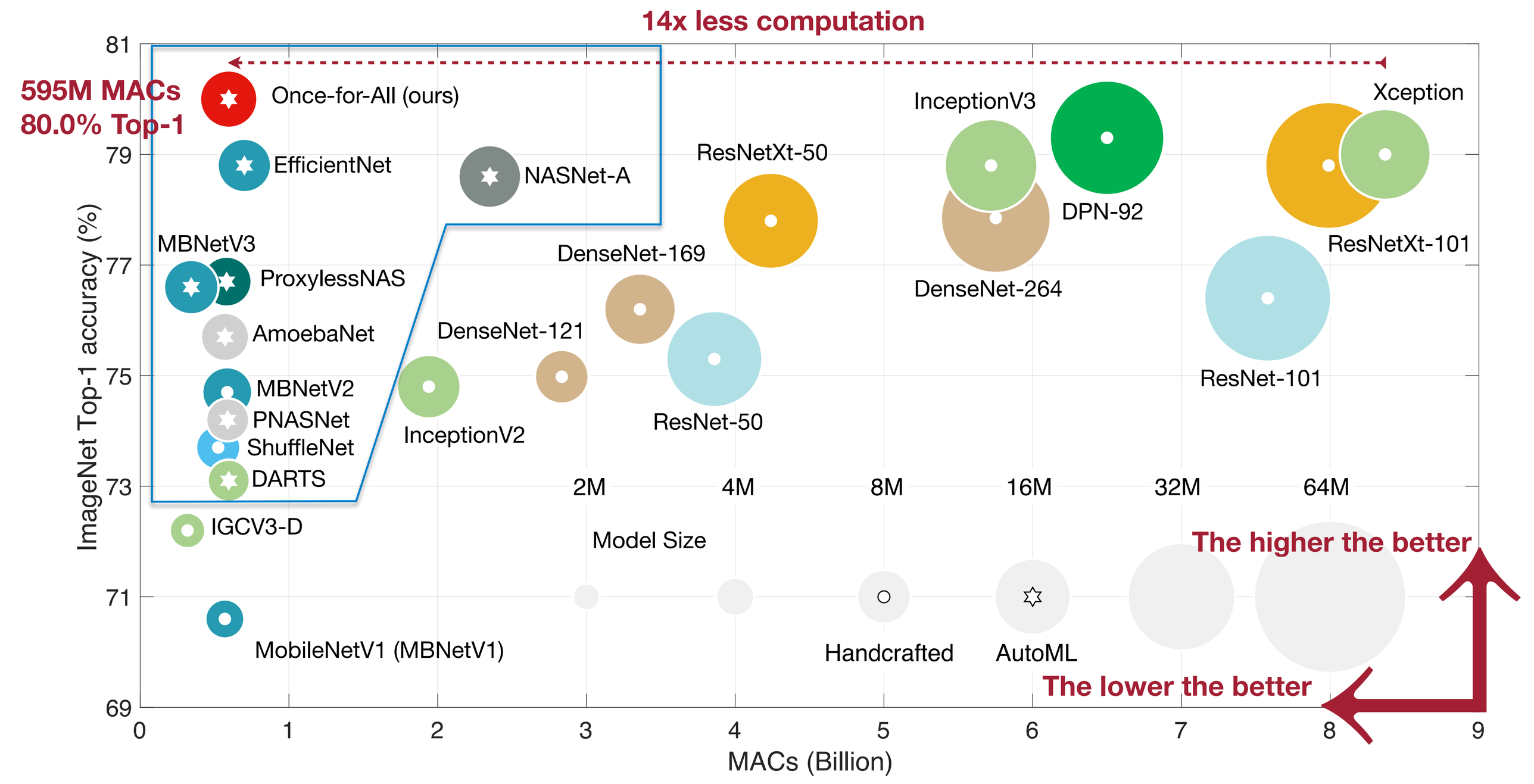

14x less computation
595M MACs
80.0% Top-1
Once-for-All (ours)
EfficientNet
NASNet-A
MBNetV3
ProxylessNAS
AmoebaNet
MBNetV2
PNASNet
ShuffleNet
DARTS
IGCV3-D
MobileNetV1 (MBNetV1)
InceptionV2
DenseNet-121
DenseNet-169
ResNet-50
ResNetXt-50
InceptionV3
DPN-92
DenseNet-264
Xception
ResNetXt-101
ResNet-101
Handcrafted
AutoML
Model Size
The higher the better
The lower the better
ImageNet Top-1 accuracy (%)
MACs (Billion)
81
79
77
75
73
71
69
0
1
2
3
4
5
6
7
8
9
2M
4M
8M
16M
32M
64M