

Method	Depth	Para	C-10	C-100
VGG	-		7.25	-
ResNet	110	1.7M	6.61	-
Wide ResNet	28	36.5M	4.17	20.5
ResNet (pre-activation)	1001	10.2M	4.62	22.71
DenseNet (k = 12)	40	1.0M	5.24	24.42
DenseNet (k = 12)	100	7.0M	4.10	20.20
DenseNet (k = 24)	100	27.2M	3.74	19.25
DenseNet-BC (k = 40)	190	25.6M	3.46	17.18
MetaQNN (ensemble)	-	-	7.32	-
MetaQNN (top model)	-	11.2M	6.92	27.14
NAS v1	15	4.2M	5.50	-
NAS v2	20	2.5M	6.01	-
NAS v3	39	7.1M	4.47	-
NAS v3 more filters	39	37.4M	3.65	-
Block-QNN-A, N=4	25	-	3.60	18.64
Block-QNN-B, N=4	37	-	3.80	18.72
Block-QNN-S, N=2	19	6.1M	4.38	20.65
Block-QNN-S more filters	22	39.8M	3.54	18.06