

Model	Macro F1	Accuracy	Public LB	Train Spec	Comments
Initial Summer					
SRX50		73.74%		224px	
SRX50		65.38%		224px, R-CNN background removed	
SRX50		62.22%		224px, Laplacian gridded + R-CNN BG removed	
R50-Intra-GNN		58???		224px, Cars config	
SRX50		61.85%		224px, Lapiacian gridded	
Revised Summer					
R50		73.54%		Original	
R50		64.11%		Background-removed	
R50		59.20%		Laplacian gridding	
R50		59.31%		Background-removed + Laplacian gridding	
Atomized Summer					
<i>Augmentation testing</i>					
R50		73.54%		224 Original	
R50		74.85%		224 AutoAugment: v0r-mstd0.5 augsplit 5 jsdloss 100 epochs	
R50		75.20%		224 AugMix: m5-w4 augsplit 4 jsdloss	
TResNet M		82.28%		600 Original	
TResNet M		81.89%		600 AutoAugment: v0r-mstd0.5 augsplit 2 jsdloss 100 epochs	
TResNet M		82.59%		600 AugMix: m5-w4 augsplit 2 jsdloss	
<i>Resolution testing</i>					
TResNet M		73.61%		Original/control: AA v0r-mstd0.5 augsplit 5 jsdloss 100 epochs	
TResNet M		81.89%		Almost-native resolution: AA v0r-mstd0.5 augsplit 5 jsdloss 100 epochs	
Sequencer2D		74.31%		224 v0r-mstd0.5 aug-splits 2 jsd-loss	
Sequencer2D		80.64%		600 v0r-mstd0.5 aug-splits 2 jsd-loss	
<i>Architecture testing</i>					
TResNet M		81.89%			
Sequencer2D		80.64%			20220722-163041-sequencer2d_l-600
<i>Benchmark testing</i>					
ConvNeXT Base		81.30%		Original H2X submission copy	20220718-180603-tresnet_m_448-224
ConvNeXT Base		83.53%		AugMix m5-w4 augsplit 2 jsdloss max-potential test	20220718-180733-tresnet_m_448-600